



National Electric Power Regulatory Authority
Islamic Republic of Pakistan

Registrar

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No. NEPRA/R/ADG(Trf)/TRF-369/LEPCL-2016/7820-24

May 19, 2022

Chief Executive Officer
Lucky Electric Power Company Limited (LEPCL)
6-A, A. Aziz Hashim Tabba Street,
Muhammad Ali Housing Society,
Karachi
Tele: 021 – 111 786 555

Subject: **Decision of the Authority in the matter of Fuel Price Adjustment for the month of March 2022 for Lucky Electric Power Company Limited (CPHGCL) [Case No. NEPRA/TRF-369/LEPCL-2016]**

Enclosed please find herewith the subject decision of the Authority along with Schedule of Fuel Cost Part of Energy Charge (Annex-Ia), Details of Shipment (Annex-Ib), Marine Freight Calculation (Annex-Ic) and Schedule of Fuel Cost Part of Energy Charge (Annex-IIa), Details of Shipment (Annex-IIb), Marine Freight Calculation (Annex-IIc) (07 pages) regarding the fuel price adjustment on account of Coal price variation for the month of March 2022 in respect of Lucky Electric Power Company Limited.

Enclosure: As above


19 05 22
(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, Blue Area, Islamabad

**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL PRICE
ADJUSTMENT FOR THE MONTH OF MARCH 2022 FOR LUCKY ELECTRIC
POWER COMPANY LIMITED**

1. Pursuant to the decision of the Authority dated October 20, 2016 in the matter of approval of upfront coal tariff for coal power plant of Lucky Electric Power Company (Private) Limited (LEPCL) and decision dated September 23, 2016 regarding Sue Moto Review Proceedings in the Fuel Price Adjustment Mechanism determined in Upfront Coal Tariff, the fuel portion of the energy charge part of LEPCL's tariff has been adjusted for variation in coal price(s). LEPCL requested weighted average coal price of US\$ 94.10/Ton and US\$ 88.90/Ton for the coal consumed during commissioning tests and post COD period respectively. LEPCL requested Fuel Cost Components (FCC) of Rs. 12.4157/kWh for commissioning tests and Rs. 12.3746/kWh for post COD period. The requested coal prices and fuel cost components were found on higher side. In accordance with the prescribed mechanism, the revised coal prices for all shipments have been worked out and are attached as Annexure to this decision. The revised fuel cost components of energy charge part of LEPCL's tariff indicated hereunder shall be immediately applicable to units delivered during the period.

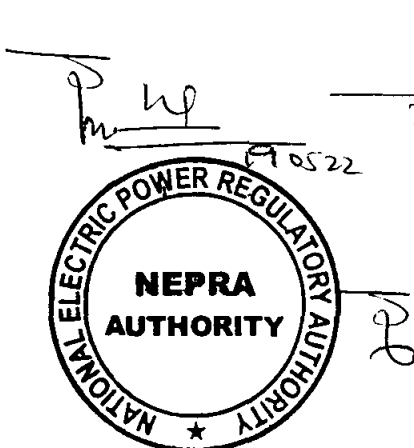
Period	Fuel Cost Component (Rs./kWh)	
	Reference	Revised
Commissioning Tests 1 st – 20 th March 2022	4.6936	11.0514
Post COD 21 st – 31 st March 2022	4.6936	11.0665

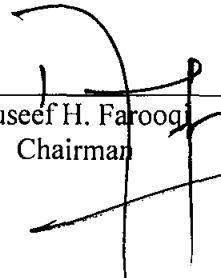
2. The above referred revised fuel cost components along with revised coal prices and revised marine freight charges attached as **Annex-Ia, Annex-Ib, Annex Ic, Annex-IIa, Annex-IIb and Annex-IIc** respectively are to be notified in the official gazette, in accordance with the provisions of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997.
3. 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

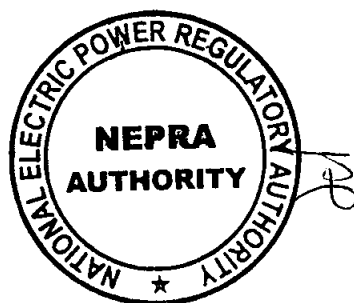
Lucky Electric Power Company Limited
Schedule of Fuel Cost Part of Energy Charge

Adjustment on Account of Coal Price Variation for the Period March 1, 2022 to March 20, 2022

Description	Quantity	Net CV	Coal Price		Exchange Rate
	Ton	kCal/Kg	US\$/Ton	Rs/Ton	Rs./US\$
Consumption from Stock:					
Consumption from Shipment No. 004	10,385	2,823	88.32	15,348	173.78
Consumption from Shipment No. 005	58,205	2,804	76.58	13,629	177.97
Consumption from Shipment No. 006	44,717	3,428	82.54	14,689	177.97
Consumption from Shipment No. 007	57,869	2,785	90.51	16,108	177.97
Consumption from Shipment No. 008	951	2,788	75.77	13,486	177.97
Total Consumption	172,127	2,961	83.52	14,841	177.70

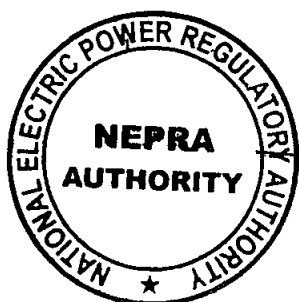
Description	Unit	Reference	Revised
Avg. price of stock consumed during the month	Rs./Ton	10,021	14,841
Avg. net calorific value of stock consumed during the month	kCal/Kg	5,559	2,961
Avg. net calorific value of stock consumed during the month	BTU/Kg	22,046	11,749
Net Heat Rates	BTU/kWh	8,749	8,749
Revised Fuel Cost Component	Rs./kWh	3.9768	11.0514

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.



Lucky Electric Power Company Limited
Details of Shipment
For the Period March 1, 2022 to March 20, 2022

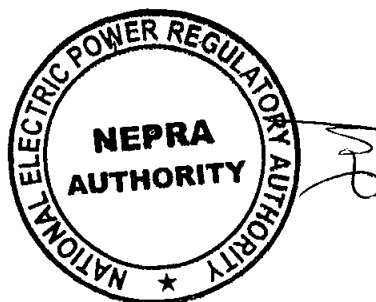
Shipment Number		4	5	6	7	8
Vessel Name		Great Fluency	Nord Bering	Swinley Forest	Nord Kanmon	Serena
Bill of Lading Date		28-Nov-21	12-Dec-21	19-Dec-21	19-Dec-21	24-Dec-21
L/C Number		0525ILC052020	0525ILC052176	0525ILC052192	285LCFS213511001	0525ILC052262
Origin		Indonesia	Indonesia	Indonesia	Indonesia	Indonesia
Average ICI-5 Index Price for B/L Month	-	50.41	44.11	44.11	44.11	44.11
Base Calorific Value	kCal/Kg	3,000	3,000	3,000	3,000	3,000
Actual Calorific Value	kCal/Kg	2,823	2,804	3,428	2,785	2,788
B/L Quantity	MT	59,635	58,400	45,000	57,950	55,137
FOB Coal Price ICI-5 Index adjusted for CV	US\$/Ton	47.44	41.23	50.40	40.95	40.99
Marine Freight Charges	US\$/Ton	24.78	21.49	24.91	27.63	21.08
Marine Insurance	US\$/Ton	0.04	0.03	0.03	0.03	0.02
CIF Coal Price	US\$/Ton	72.25	62.75	75.35	68.61	62.10
Handling Loss 1% or actual whichever is minimum	US\$/Ton	-	-	-	-	-
CIF Coal Price with losses at Karachi	US\$/Ton	72.25	62.75	75.35	68.61	62.10
Other Charges:	US\$/Ton	14.31	12.56	13.62	12.80	12.09
(i) Port Handling Charges	US\$/Ton	7.96	7.81	7.96	7.66	7.86
(a) PIBT Charges	US\$/Ton	4.33	4.23	4.22	4.20	4.20
(b) PQA Royalty Charges	US\$/Ton	2.32	2.27	2.26	2.25	2.25
(c) PDA Load Port Charges	US\$/Ton	0.22	0.19	0.32	0.20	0.26
(d) PDA Discharge Port Charges	US\$/Ton	0.75	0.79	0.82	0.68	0.82
(e) Wharfage	US\$/Ton	0.20	0.19	0.19	0.19	0.19
(f) Inspection & Draught Survey Charges	US\$/Ton	0.03	0.03	0.04	0.03	0.03
(g) Truck Handling Charges	US\$/Ton	0.11	0.10	0.10	0.10	0.10
(ii) Customs Duty and Cess	US\$/Ton	6.26	4.68	5.58	5.07	4.17
(iii) LC Charges	US\$/Ton	0.04	0.03	0.03	0.03	0.02
(iv) Custom Clearance Charges	US\$/Ton	0.05	0.05	0.05	0.05	0.05
Inland Freight Charges	US\$/Ton	1.00	1.02	0.98	1.01	0.98
Delivered Coal Price before adjustment of handling loss	US\$/Ton	87.57	76.33	89.95	82.43	75.17
Handling Loss 1% or actual whichever is minimum	US\$/Ton	0.76	0.25	0.56	0.11	0.61
Delivered Coal Price with losses at Power Plant	US\$/Ton	88.32	76.58	90.51	82.54	75.77
Exchange Rate Average B/L Month	Rs./US\$	173.78	177.97	177.97	177.97	177.97
Delivered Coal Price with losses at Power Plant	Rs./Ton	15,348	13,629	16,108	14,689	13,486



Lucky Electric Power Company Limited
Marine Freight Calculation
For the Period March 1, 2022 to March 20, 2022

Description	Unit	Great Fluency	Nord Bering	Swinley Forest	Nord Kanmon	Serena
Loading Port Name		Muara Berau Anchorage, East Kalimantan	Muara Sabak, Jambi, South Sumatera	Tanjung Buyut Anchorage, South Sumatera	Muara Berau Anchorage, East Kalimantan	Teluk Bayur Anchorage, Sumatera Barat
Discharge Port Name		PIBT	PIBT	PIBT	PIBT	PIBT
Delivery Days:						
Voyage	Days	27.96	20.94	21.73	27.96	19.37
At Load Port	Days	4.89	7.80	5.68	7.74	7.39
At Discharge Port	Days	2.89	2.84	2.50	2.82	2.71
Total	Days	35.73	31.57	29.90	38.52	29.47
Average Time Charter Rate	US\$/Day	24,764	25,119	26,741	26,972	25,599
Time Charter Cost	US\$	884,797	793,095	799,686	1,038,907	754,309
Bunker Consumption:						
Bunker during Voyage	Ton	908.58	680.47	706.06	908.58	629.48
Bunker during Port Days	Ton	38.86	53.18	40.90	52.81	50.49
Total	Ton	947.44	733.65	746.96	961.39	679.97
Bunker Price	\$/Ton	626.00	630.00	597.00	585.00	600.00
Bunker Cost	US\$	593,099	462,199	445,936	562,411	407,983
Total Voyage Expense	US\$	1,477,896	1,255,293	1,245,622	1,601,319	1,162,293
Cargo Capacity	Tons	59,635	58,400	50,000	57,950	55,137
Marine Freight	\$/Ton	24.78	21.49	24.91	27.63	21.08

have been included in port handling charges.



Lucky Electric Power Company Limited
Schedule of Fuel Cost Part of Energy Charge
Adjustment on Account of Coal Price Variation for the Period March 21, 2022 to March 31, 2022

Description	Quantity	Net CV	Coal Price		Exchange Rate
	Ton	kCal/Kg	US\$/Ton	Rs/Ton	Rs./US\$
Consumption from Stock:					
Consumption from Shipment No. 008	53,741	2,788	75.77	13,486	177.97
Consumption from Shipment No. 009	60,295	2,863	82.98	14,616	176.14
Consumption from Shipment No. 010	6,964	2,723	87.79	15,464	176.14
Total Consumption	121,000	2,822	80.06	14,163	176.91

Description	Unit	Reference	Revised
Avg. price of stock consumed during the month	Rs./Ton	10,021	14,163
Avg. net calorific value of stock consumed during the month	kCal/Kg	5,559	2,822
Avg. net calorific value of stock consumed during the month	BTU/Kg	22,046	11,197
Net Heat Rates	BTU/kWh	8,749	8,749
Revised Fuel Cost Component	Rs./kWh	3.9768	11.0665

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.



Lucky Electric Power Company Limited
Details of Shipment
For the Period March 21, 2022 to March 31, 2022

Shipment Number		9	10
Vessel Name		Bulk Castor	CL Diyin He
Bill of Lading Date		04-Feb-22	13-Feb-22
L/C Number		285LCFS213543001	285LCFS213542501
Origin		Indonesia	Indonesia
Average ICI-5 Index Price for B/L Month	-	49.77	49.77
Base Calorific Value	kCal/Kg	3,000	3,000
Actual Calorific Value	kCal/Kg	2,863	2,723
B/L Quantity	MT	60,500	53,000
FOB Coal Price ICI-5 Index adjusted for CV	US\$/Ton	47.50	45.17
Marine Freight Charges	US\$/Ton	22.03	28.88
Marine Insurance	US\$/Ton	0.02	0.03
CIF Coal Price	US\$/Ton	69.55	74.09
Handling Loss 1% or actual whichever is minimum	US\$/Ton	-	-
CIF Coal Price with losses at Karachi	US\$/Ton	69.55	74.09
Other Charges:	US\$/Ton	12.18	12.81
(i) Port Handling Charges	US\$/Ton	7.84	7.72
(a) PIBT Charges	US\$/Ton	4.22	4.26
(b) PQA Royalty Charges	US\$/Ton	2.27	2.28
(c) PDA Load Port Charges	US\$/Ton	0.32	0.25
(d) PDA Discharge Port Charges	US\$/Ton	0.80	0.69
(e) Wharfage	US\$/Ton	0.19	0.19
(f) Inspection Charges	US\$/Ton	0.03	0.03
(g) Gate Pass Charges	US\$/Ton	-	-
(h) Truck Handling Charges	US\$/Ton	0.10	0.11
(ii) Customs Duty and Cess	US\$/Ton	4.26	5.01
(iii) LC Charges	US\$/Ton	0.04	0.03
(iv) Custom Clearance Charges	US\$/Ton	0.05	0.05
Inland Freight Charges	US\$/Ton	0.96	1.10
Delivered Coal Price before adjustment of handling loss	US\$/Ton	82.70	88.00
Handling Loss 1% or actual whichever is minimum	US\$/Ton	0.28	(0.20)
Delivered Coal Price with losses at Power Plant	US\$/Ton	82.98	87.79
Exchange Rate Average B/L Month	Rs./US\$	176.14	176.14
Delivered Coal Price with losses at Power Plant	Rs./Ton	14,616	15,464



Lucky Electric Power Company Limited
Marine Freight Calculation
For the Period March 21, 2022 to March 31, 2022

Description	Unit	Bulk Castor	CL Diyin He
Loading Port Name		Muara Sabak, Jambi, South Sumatera	Muara Berau Anchorage, East Kalimantan
Discharge Port Name		PIBT	PIBT
Delivery Days:			
Voyage	Days	20.94	27.96
At Load Port	Days	8.06	7.13
At Discharge Port	Days	2.92	2.31
Total	Days	31.92	37.39
Average Time Charter Rate	US\$/Day	28,051	25,705
Time Charter Cost	US\$	895,388	961,142
Bunker Consumption:			
Bunker during Voyage	Ton	680.47	908.58
Bunker during Port Days	Ton	54.91	47.18
Total	Ton	735.38	955.75
Bunker Price	\$/Ton	595.00	596.00
Bunker Cost	US\$	437,552	569,629
Total Voyage Expense	US\$	1,332,940	1,530,771
Cargo Capacity	Tons	60,500	53,000
Marine Freight	\$/Ton	22.03	28.88

*PDA Charges both at load and discharge ports have been included in port handling charges.

