



CENTRAL POWER PURCHASING AGENCY GUARANTEE LIMITED
(A Company of Government of Pakistan)

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Blue Area, Islamabad
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www.cppa.gov.pk

No. CPPA-G/2022/CFO/6617-18

Dated: April 15, 2022

The Registrar NEPRA
NEPRA Tower Ataturk Avenue (East),
Sector G-5/1, Islamabad.

SUBJECT: XWDISCOs' ENERGY PURCHASE DATA FOR MONTH OF MARCH 2022

With reference to the FCA mechanism provided in XWDISCOs' tariff determination, please find attached the Energy Data for the month of March 2022. The soft copy of the FCA Claim along with the EPP invoices is also being sent to NEPRA for its consideration.

CHIEF FINANCIAL OFFICER

CC:

- Chief Executive Officer, CPPA-G.
- Master File

FOR N/A please.

- ADG (T/F)

- ME

9/18/3/22

cc: Chairman

- VC/M (M&E/CA)

- M (LIC/CA)

Tariff Division Record

Dy. No. 2325
Dated 19-4-22

REGISTRAR

Dy. No. 5643
Dated 18/4/22

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

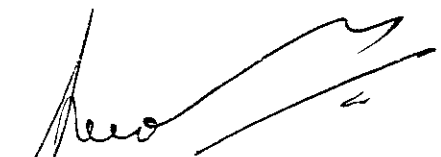
REGARDING 2002 POWER POLICY

FOR THE MONTH OF MARCH 2022

This is to certify that:-

- 1) All purchases have been made from Generation Companies having valid generation License issued by NEPRA.
- 2) Invoices of all Electricity Purchases have been processed in accordance with the rates, terms & conditions as determined by NEPRA. Payments related to periodical adjustments are also made as per decision of NEPRA.
- 3) The above statement is true, based on facts and from verifiable documentary evidence. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.


DGM Technical
(Renewable)


DGMF-I (CPPA-G)

CERTIFICATE

FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF

REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)


FOR THE MONTH OF MARCH 2022

This is to certify that: -

- i) All purchases have been made from IPPs under 1994 Policy, including HUBCO, KAPCO & Chasnupp and excluding Tavanir, having valid generation license issued by NEPRA.
- ii) Invoices of all Electricity Purchases have been made strictly in accordance with the rates, terms & conditions as stipulated in the respective Power Purchase Agreements.
- iii) All payments to IPPs are being made after observing all formalities provided in the respective Power Purchase Agreements.
- iv) All purchases have been made in accordance with the Power Purchase Agreement.

The above statement is true, based on facts and from verifiable documentary evidences. In case of any deviation / variation observed if not rectified at later stage, CPPA-G will be responsible for the consequences arising out of any misstatement under NEPRA Act and its Rules & Regulations.


DGM Technical
(Conventional)

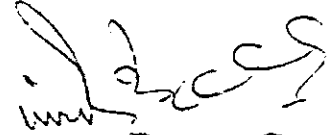

DGMF-II (CPPA-G)

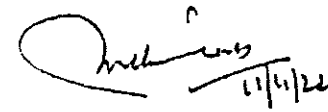
CERTIFICATE

Subject: MONTHLY FUEL CHARGES ADJUSTMENT OF DISCOS FOR THE MONTH OF MARCH-2022.

- I. It is certified that Merit order was followed as defined under section 2 (I) (x) of the NEPRA Licensing (Generation) Rules 2000, while operating power plants in its fleet during month of March-2022.
- II. Claimed Partial Loading Adjustment charges (PLAC) was not due to fuel constraint but was strictly in accordance with the provision of their respective Power Purchase Agreement and the plants were operated on partial load due to less demand in the system and transmission/distribution network constraints.


Deputy Manager (PC-I)
NPCC, NTDC, Islamabad


Manager Power Control
NPCC, NTDC, Islamabad


(Engr. Mehtab Ahmed)
Chief Engineer (Network Operation)
NPCC, NTDC, Islamabad.

CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
For the Month of March 2022

| S.No. | Power Producers | Fuel | Dep. Capacity (MW) | Energy KWh | Fuel Charges Rs. | VO&M Charges Rs. | EPP Billing month (Rs.) | Prev. Adjustment in Fuel Cost (Rs.) | Prev. Adjustment in VO&M (Rs.) | Prev. Adjustment in EPP Total Rs. | Slipp Charges | Total Fuel Cost Rs. | Total VO&M Rs. | Total Energy Cost (Rs.) |
|----------------|--|-------|--------------------|----------------|------------------|------------------|-------------------------|-------------------------------------|--------------------------------|-----------------------------------|---------------|---------------------|----------------|-------------------------|
| 30 | ZEPHYR Wind | Wind | 50 | 10,398,040 | - | - | - | - | - | - | - | - | - | - |
| 31 | Foundation Wind Energy-II (Pvt.) Limited | Wind | 50 | 6,621,840 | - | - | - | - | - | - | - | - | - | - |
| 32 | Master Green Energy Limited | Wind | 50 | 9,009,040 | - | - | - | - | - | - | - | - | - | - |
| 33 | Lucky Renewables (Private) Limited | Wind | 50 | 10,141,590 | - | - | - | - | - | - | - | - | - | - |
| 34 | ACTZ DIN Wind (Pvt) Ltd. | Wind | 50 | 12,027,400 | - | - | - | - | - | - | - | - | - | - |
| 35 | Artistic Wind Power (Pvt) Ltd. | Wind | 50 | 11,607,330 | - | - | - | - | - | - | - | - | - | - |
| 36 | Indus Wind Energy Limited | Wind | 50 | 13,038,590 | - | - | - | - | - | - | - | - | - | - |
| 37 | Wind: Lakeside Energy | Wind | 50 | 2,502,990 | - | - | - | - | - | - | - | - | - | - |
| 38 | Wind: Liberty-1 | Wind | 50 | 3,084,810 | - | - | - | - | - | - | - | - | - | - |
| 39 | Wind: Din Energy | Wind | 50 | 2,189,920 | - | - | - | - | - | - | - | - | - | - |
| 40 | Wind: Gul Ahmed 2 | Wind | 50 | 8,757,510 | - | - | - | - | - | - | - | - | - | - |
| 44 | SPPs | Mixed | 257 | 13,215,649 | 63,882,649 | - | 63,882,649 | - | - | - | - | 63,882,649 | - | 63,882,649 |
| | Sub-Total | | 2,393 | 349,869,745 | 63,882,649 | - | 63,882,649 | - | - | - | - | 63,882,649 | - | 63,882,649 |
| | G-Total: | | 37,137 | 10,418,421,846 | 96,032,488,001 | 3,509,526,459 | 99,542,014,460 | (416,947,558) | (2,039,854) | (418,987,412) | 185,612,152 | 95,801,152,595 | 3,507,486,605 | 99,308,639,200 |
| Summary | | | | | | | | | | | | | | |
| 1 | Hydel | | | 1,703,911,814 | - | 138,567,114 | 138,567,114 | - | 4,200,361 | 4,200,361 | - | - | 142,767,475 | 142,767,475 |
| 2 | Coal | | | 2,586,623,500 | 32,104,212,857 | 886,116,376 | 32,990,329,233 | 1,540 | (1,054,024) | (1,052,484) | - | 32,104,214,397 | 885,062,352 | 32,989,276,749 |
| 3 | HSD | | | - | - | - | - | (271,621,368) | - | (271,621,368) | - | - | - | (271,621,368) |
| 4 | F.O. | | | 1,106,194,268 | 24,913,080,089 | 1,244,209,078 | 26,157,289,167 | (2,429,996) | (5,610,374) | (8,040,370) | - | 24,910,650,092 | 1,238,598,704 | 26,149,248,797 |
| 5 | Gas | | | 992,723,956 | 7,710,675,671 | 453,202,363 | 8,163,878,034 | (66,956,028) | (82,168) | (67,038,196) | 185,612,152 | 7,829,331,795 | 453,120,195 | 8,282,451,990 |
| 6 | RLNG | | | 1,865,683,456 | 28,242,445,651 | 701,979,207 | 28,944,424,858 | (63,619,316) | - | (63,619,316) | - | 28,178,826,335 | 701,979,207 | 28,880,805,542 |
| 6 | Nuclear | | | 1,563,663,000 | 1,616,118,688 | - | 1,616,118,688 | (12,153,760) | - | (12,153,760) | - | 1,603,964,928 | - | 1,603,964,928 |
| 7 | Import from Iran | | | 42,747,400 | 741,945,248 | - | 741,945,248 | 670,912 | - | 670,912 | - | 742,616,160 | - | 742,616,160 |
| 8 | Wind Power | | | 267,922,036 | - | - | - | - | - | - | - | - | - | - |
| 9 | Solar | | | 66,731,460 | - | - | - | - | - | - | - | - | - | - |
| 10 | Bagasse | | | 107,005,307 | 640,127,149 | 85,452,320 | 725,579,469 | (839,542) | 506,351 | (333,191) | - | 639,287,607 | 85,958,671 | 725,246,278 |
| 11 | Mixed | | | 13,215,649 | 63,882,649 | - | 63,882,649 | - | - | - | - | 63,882,649 | - | 63,882,649 |
| | Totals For The month | | | 10,418,421,846 | 96,032,488,001 | 3,509,526,459 | 99,542,014,460 | (416,947,558) | (2,039,854) | (418,987,412) | 185,612,152 | 95,801,152,595 | 3,507,486,605 | 99,308,639,200 |
| | Prev. Adjustments : | | | (4,338,492) | (231,335,406) | (2,039,854) | (233,375,260) | - | - | - | - | - | - | - |
| | GRAND TOTALs : | | | 10,414,083,354 | 95,801,152,595 | 3,507,486,605 | 99,308,639,200 | - | - | - | - | - | - | - |

| | | | |
|-------------------------------------|----------------|----------------|----------------|
| Energy Cost (Rs.) | 95,801,152,595 | 3,507,486,605 | 99,308,639,200 |
| Cost not chargeable to DISCOs (Rs.) | 1,193,093,234 | - | 1,193,093,234 |
| EPP (Chargeable) (Rs.) | 94,608,059,361 | 3,507,486,605 | 98,115,545,966 |
| Energy Sold (KWh) | 10,078,733,833 | 10,078,733,833 | 10,078,733,833 |
| Avg. Rate (Rs./KWh) | 9.3869 | 0.3480 | 9.7349 |
| Reference Rate (Rs./KWh) | 6.2295 | | |
| FCA Rate (Rs./KWh) | 3.1574 | | |

CENTRAL POWER PURCHASING AGENCY (CPPA)
Detail Breakup of FCC Claimed
For the Month of MAR 2022

| S.No. | Power Producer | Fuel | Dep. Capacity (MW) | Energy KWh | Fuel Cost component as determined by Authority (Rs./kWh) | Fuel Cost as per NEPRA Approved Rate (Rs.) | Heat Degradation Factor (Dh) Rs. | Load Correction Factor (kL) Rs. | Any other Cost as per PPA (Rs.) | Fuel Charges Rs. | | |
|---------------------|--|----------|--------------------|----------------------|--|--|----------------------------------|---------------------------------|---------------------------------|-----------------------|--|---|
| | | | | A | | | | | | | | B |
| 1 | Attock Gen Limited | RFO | 156 | 61,004,396 | 25.2425 | 1,539,906,340 | - | 129,998,894 | - | 1,669,905,234 | | |
| 2 | Atlas Power Limited | RFO | 214 | 104,845,377 | 17.1151 | 1,794,439,112 | - | 23,592,482 | - | 1,818,031,594 | | |
| 3 | Nishat Power Limited | RFO | 195 | 62,184,614 | 22.5478 | 1,402,126,240 | - | 23,116,454 | - | 1,425,242,694 | | |
| 2 | Foundation Power Company Daharki Ltd. | Gas | 171 | 119,769,484 | 6.6297 | 794,035,746 | 33,349,501 | 2,810,705 | - | 830,195,952 | | |
| 5 | Orient Power Company (Private) Limited | RLNG | 213 | 51,433,820 | 15.5050 | 797,480,824 | 24,881,402 | 24,683,268 | - | 847,045,493 | | |
| 6 | Saif Power Limited | RLNG/RFO | 204 | 25,271,906 | 19.2341 | 486,082,367 | 15,165,770 | 21,540,244 | - | 522,788,381 | | |
| 8 | Sapphire Electric Company Limited | RLNG/RFO | 203 | 36,889,240 | 15.5225 | 572,613,228 | 17,865,533 | 25,447,926 | - | 615,926,686 | | |
| 10 | Halmore Power Generation Company Limited | RLNG | 199 | 24,145,790 | 19.2316 | 464,361,728 | 13,977,288 | 11,852,989 | - | 490,192,004 | | |
| 4 | Uch-II Power (Pvt.) Limited | Gas | 381 | 84,664,895 | 7.5346 | 637,916,858 | 20,285,757 | 2,100,930 | - | 660,303,545 | | |
| 12 | China Power Hub Generation company (Pvt.) Ltd | Coal | 1,249 | 776,093,800 | 10.7141 | 8,315,146,583 | 64,858,143 | 22,523,016 | - | 8,402,527,742 | | |
| 5 | Quaid-e-Azam Thermal Power (Pvt) Limited | RLNG/HSD | 1,180 | 429,865,500 | 12.8870 | 5,539,676,698 | 101,376,083 | 457,943,371 | - | 6,098,996,152 | | |
| 6 | National Power Parks Management Company Private | RLNG/HSD | 2,550 | 1,379,719,200 | 12.8082 | 17,671,655,945 | 323,391,304 | 1,296,461,880 | - | 19,291,509,129 | | |
| 15 | Huaneng Shandong Ruyi Energy (Pvt) Ltd | Coal | 1,320 | 657,598,500 | 16.8367 | 11,071,795,596 | 222,543,091 | 97,736,945 | - | 11,392,075,632 | | |
| 16 | Port Qasim Electric Power Company (Pvt.) Limited | Coal | 660 | 753,510,900 | 13.5346 | 10,198,468,628 | 212,128,147 | 22,650,925 | - | 10,433,247,700 | | |
| IPPs Total:- | | | 8,896 | 4,566,997,422 | - | 61,285,705,892 | 1,049,822,019 | 2,162,460,028 | - | 64,497,987,938 | | |

| Detail Of Energy Imported From Small Power Producers | | | | | |
|--|-----------------------------------|------------------------|-------------|------------|----------------|
| DISCO | Captive | Contract Capacity (MW) | Description | Mar, 2022 | Rate (Rs./KWh) |
| MEPCO | Kumhar Wala Power House-I | 5.00 | Energy | 1,225,009 | |
| | | | Cost (Rs.) | - | |
| | DISCO's Total:- | 5.00 | Energy | 1,225,009 | - |
| HESCO | Lucky Cement Factory Ltd., N-Abad | 20.00 | Energy | 9,230,400 | 5.04 |
| | | | Cost (Rs.) | 46,520,740 | |
| | DISCO's Total:- | 56.80 | Energy | 9,230,400 | 5.04 |
| SEPCO | AL Noor Sugar Mills | Energy | Energy | 2,750,240 | 6.29 |
| | | | Cost (Rs.) | 17,361,910 | |
| | DISCO's Total:- | 16.00 | Energy | 2,750,240 | 6.29 |
| G-Total | | 61.80 | Energy | 13,215,649 | 4.83 |
| | | | Cost (Rs.) | 63,982,649 | |