



National Electric Power Regulatory Authority

Islamic Republic of Pakistan

2nd Floor, OPF Building, G-5/2, Islamabad

Ph: 9206500, 9207200, Fax : 9210215

E-mail: registrar@nepra.org.pk

Registrar

No. NEPRA/TRF-100/MFPA/4912-4914

December 31, 2010

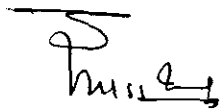
Subject: **Decision of the Authority in the matter of Fuel Charges Adjustment for the Month of November 2010 for XWDISCOs - Intimation of Decision of Tariff pursuant to Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997)**

In continuation of this office letter No. NEPRA/R/SMD-06/1866-67 dated 24.08.2010 and pursuant to the provisions of Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (NEPRA Act) and as per mechanism for monthly fuel price adjustment prescribed by NEPRA in the 1st quarterly tariff Determination of FY 2009-10 for the XWDISCOs duly notified in the official Gazette, the Authority has to review the fuel charges on monthly basis in the approved tariff on account of any variation.

2. Please find enclosed decision of the Authority along with Annex-I & Annex-II (06 pages) in respect of Fuel Charges Adjustment for the month of November 2010 for XWDISCOs.

3. The decision is being intimated to the Federal Government for the purpose of notification of Fuel Charges Adjustment for XWDISCOs in the official Gazette pursuant to Section 31(4) of NEPRA Act and Rule 16(11) of NEPRA (Tariff Standards and Procedure) Rules, 1998.

Encl: As above


(Syed Safeer Hussain)

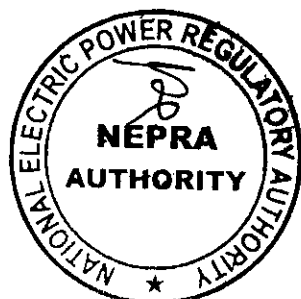
Secretary
Ministry of Water & Power
'A' Block, Pak Secretariat
Islamabad

CC:

1. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
2. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.

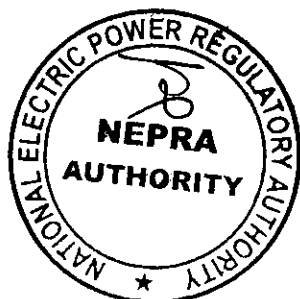
**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES ADJUSTMENT
FOR THE MONTH OF NOVEMBER 2010 FOR XWDISCOs**

1. Pursuant to the provisions of Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997, (XL of 1997), the Authority has to review and revise the approved tariff on account of any variations in the fuel charges on monthly basis.
2. In order to review and revise the approved tariff of the XWDISCOs due to variations in the fuel charges for the month of November, 2010, necessary information as to the details of fuel charges was obtained from Central Power Purchasing Agency (CPPA).
3. Notwithstanding the fact that the monthly adjustments on account of fuel charges variations are made in pursuance to the provisions of section 31(4) of the Act XL of 1997, yet the impact of such adjustments, if any, is passed on to the consumers of electricity, therefore, in order to meet the ends of natural justice, the Authority decided to provide an opportunity of hearing to all concerned while reviewing and revising the approved tariff on account of the variations in the fuel charges.
4. A date of hearing for the aforesaid purpose was fixed as 29th December 2010 in NEPRA Main Office; notice thereof was published in two leading national newspapers on 21st December 2010 inviting comments/objections from the concerned persons. The salient features and details of the proposed adjustment were also mentioned in the notice.
5. On the date fixed for hearing, representatives from Central Power Purchasing Agency (CPPA), Wapda Private Power Organization (WPPO), Islamabad Electric Supply Company, Ministry of Water & Power and media were present, however, no representative from Ministry of Finance attended the public hearing despite the service of notice. No written objection or comments were received regarding the proposed



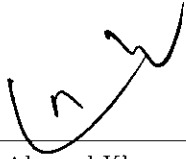
- adjustments from any person. Further there was also no representation from the general public/consumers of electricity.
6. From the perusal of the information so provided by CPPA, it has been observed that the actual pool fuel charges of Rs. 4.2362/kWh for the month of November 2010 decreased by Rs. 0.7883/kWh (Annex-I&II) as compared to the reference fuel charges, i.e. Rs. 5.0245/kWh as indicated in the Annexure-IV of the Authority's determination pertaining to the 1st Quarter of FY 2010-11.
 7. The Authority noted that the supplemental charges under PPAs included an amount of Rs. 1,880 million on account of markup on delayed payments to IPPs. The Authority in its earlier decisions disallowed this cost for the reason that the consumers who pay their bills in time cannot be burdened with the markup on delayed payment to IPPs. Accordingly, the Authority in line with its previous decisions has decided to disallow the markup cost of Rs. 1,880 million to be passed on to the consumers. In this regard the impact of markup cost of Rs. 0.2941/kWh is disallowed accordingly.
 8. Accordingly the Authority has reviewed and assessed a decrease of Rs. 1.0824/kWh in the applicable tariff for EX-WAPDA DISCOS on account of variations in the fuel charges for the month of November 2010 as per the following:

| | |
|---|--------------------|
| Actual Fuel Charges Component for November 2010 | Rs. 3.9421/kWh |
| Corresponding Reference Fuel Charges Component (Determined) | Rs. 5.0245/kWh |
| Fuel Charges Variation for the month of November 2010 | (-) Rs. 1.0824/kWh |

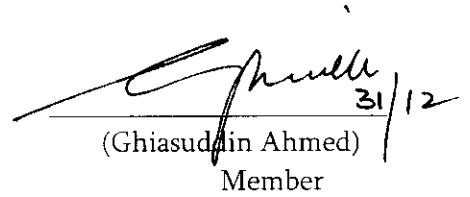


9. The adjustment as referred to in Para 8 above ;
- i) shall be applicable to all the consumer categories except lifeline and agricultural consumers of all the DISCOs;
 - ii) shall be shown separately in the consumers' bill on the basis of units billed to the consumers in the month of November 2010.

AUTHORITY

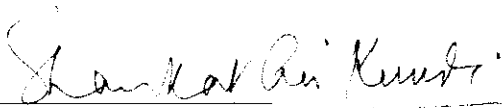


(Maqbool Ahmad Khawaja)
Member



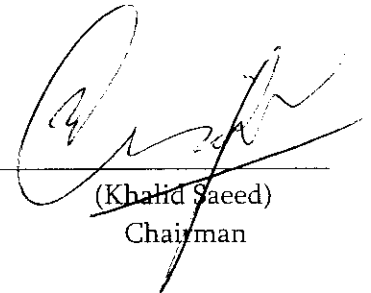
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(Ghiasuddin Ahmed)
Member

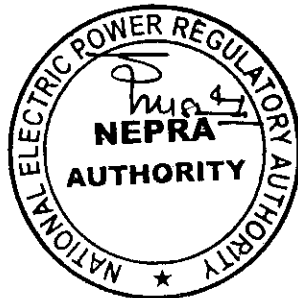


(Shaukat Ali Kundi)
Member/Vice Chairman

31.12.2010

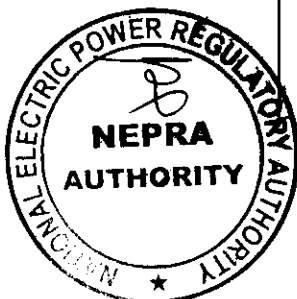


(Khalid Saeed)
Chairman



CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
November, 2010

| S.No. | Power Producer | Fuel | Dep. Capacity MW | Energy KWh | Total Energy Cost (Rs.) | |
|------------------------|-----------------------|-------|------------------|----------------------|-------------------------|----------------------|
| 1 | WAPDA | Hydel | 6444 | 2,789,679,100 | 861,173,938 | |
| | Jagran | Hydel | 30 | (1,834,550) | -3,665,431 | |
| | Malakund-III SHYDO | Hydel | 81.46 | 24,986,500 | 116,463,925 | |
| | Hydel Total: | | 6555.46 | 2,812,831,050 | 973,972,432 | |
| 2 | GENCO-I | | | | | |
| | Jamshoro Block 1 | RFO | | 32,070,000 | 365,946,337 | |
| | Unit 1 | GAS | | | 0 | |
| | Jamshoro Block 2 | RFO | | 54,952,143 | 736,271,567 | |
| | Unit 2-4 | Gas | | 33,382,857 | 164,714,355 | |
| | Jamshoro Block 3 | RFO | | - | 0 | |
| | Kotry 3-7 | Gas | | 46,050,260 | 191,038,582 | |
| | Jamshoro Block 4 | Gas | | | 0 | |
| | Kotry 1-2 | Gas | 798.5 | 487,940 | 4,046,681 | |
| | Prev. Adjustment | | | | 0 | |
| | Jamshoro Total | | | 798.5 | 166,943,200 | 1,462,017,522 |
| | GENCO-II | | | | | |
| | Central Block 1 | RFO | | - | 0 | |
| | Guddu CC 11-13 | Gas | 390 | 167,167,663 | 556,634,884 | |
| | Central Block 2 | Gas | | | 0 | |
| | Guddu CC 5-10 | Gas | 530 | 172,188,352 | 635,719,395 | |
| | Central Block 3 | RFO | | 14,895,939 | 190,553,321 | |
| | Guddu Steam 3-4 | Gas | 340 | 89,278,346 | 394,306,743 | |
| | Central Block 4 | F.O. | | | 0 | |
| | Guddu Steam 1-2 | Gas | 140 | 36,590,299 | 172,962,344 | |
| | Prev. Adjustment | | | | 0 | |
| | Central Total | | | 1400 | 480,120,599 | 1,950,176,687 |
| | GENCO-III | | | | | |
| | Northern Block 1 | RFO | | 177,850,816 | 2,127,484,918 | |
| | MG Unit 1-3 | Gas | | 344,061 | 1,470,208 | |
| | Northern Block 2 | RFO | | 34,187,887 | 404,157,827 | |
| | MG Unit 4 | GAS | | 370,324 | 1,568,470 | |
| | Northern Block 3 | RFO | | 41,851,177 | 564,022,512 | |
| | MG Unit 5-6 | Gas | | (279,217) | -1,343,759 | |
| | Northern Block 4 | F.O. | | | 0 | |
| | GTPS FSD 5-9 | GAS | | (29,926) | -102,021 | |
| | | HSD | | | 0 | |
| | Northern Block 5 | RFO | 1,568 | | 0 | |
| SPS FSD 1-2 | GAS | | (296,074) | -1,798,916 | | |
| Northern Block 6 | RFO | | | 0 | | |
| GTPS FSD 1-4 | GAS | | | 0 | | |
| | HSD | | | 0 | | |
| Northern Block 7 | RFO | | (164,300) | -2,544,383 | | |
| NGPS Multan 1-4 | GAS | | | 0 | | |
| Northern Block 8 | F.O. | | | 0 | | |
| Shahdra | Gas | | (64,810) | -389,276 | | |
| Gulf Rental | RFO | | 30,215,965 | 326,546,994 | | |
| Rental Summandari | Gas | 138 | | 0 | | |
| Adjustment | | | | 0 | | |
| Northern Total: | | | 1,831 | 283,985,903 | 3,419,072,575 | |
| GENCO-IV | | | | | | |
| Lakhra Power | Coal | 31.2 | | | 0 | |
| GENCOs Total:- | | | 4,061 | 931,049,702 | 6,831,266,784 | |
| 3 | Kot Addu Block 1 | RFO | | 141,176,200 | 2,087,434,476 | |
| | | Gas | | | 0 | |
| | | HSD | | | 0 | |
| | Kot Addu Block 2 | RFO | | 48,115,800 | 479,632,586 | |
| | | Gas | | | 0 | |
| | | HSD | | | 0 | |
| | Kot Addu Block 3 | Gas | | | 0 | |
| | | HSD | | | 0 | |
| | KAPCO Total | | | 1336 | 189,292,000 | 2,567,067,062 |



F.S.I.

| | | | | | |
|--------------|-----------------------|--------|--------|---------------|----------------|
| | Hub Power | RFO | 1,200 | 388,095,700 | 4,774,569,556 |
| | Kohinoor Energy | RFO | 124 | 68,129,000 | 683,289,086 |
| | AES Lalpir | RFO | 350 | 0 | 84,167,758 |
| | Pak Gen Power Limited | RFO | 350 | 99,578,448 | 1,004,970,293 |
| | Southern Power | RFO | 119 | 23,021,615 | 232,410,791 |
| | Habibullah | Gas | 129 | 81,793,129 | 248,309,148 |
| | Fauji Kabirwala | Gas | 151 | 86,541,000 | 313,512,749 |
| | Rousch | Gas | 395 | 180,945,664 | 599,365,106 |
| | Saba Power | RFO | 126 | 17,475,389 | 185,704,846 |
| | Japan Power | RFO | 121 | 32,001,156 | 333,697,355 |
| | Uch | Gas | 551 | 216,190,000 | 652,131,029 |
| | Altern | Gas | 26 | 20,563,400 | 74,221,626 |
| | Liberty | Gas | 213 | 131,570,000 | 991,784,377 |
| | Chashma Nuclear | Nucl. | 300 | 216,050,000 | 255,414,185 |
| | Tavanir Iran | Import | 32 | 24,908,070 | 106,150,978 |
| Sub-Total: | | | 5,524 | 1,776,154,571 | 13,106,765,945 |
| 1 | Attock-Gen | RFO | 156.18 | 77,009,445 | 774,117,623 |
| 2 | Atlas-Honda | RFO | 213.60 | 85,870,067 | 861,215,674 |
| 3 | Nishat Power | RFO | 195.20 | 94,079,300 | 943,100,515 |
| 4 | Foundation Power | Gas | 177.00 | 60,677,720 | 156,014,554 |
| 5 | Orient | Gas | 209.00 | 116,785,297 | 310,042,842 |
| 6 | Nishat Chunian | RFO | 195.20 | 92,315,196 | 903,704,533 |
| 7 | Saif Power | Gas | 209.00 | 151,090,153 | 415,582,200 |
| 8 | Engro Energy | Gas | 217.00 | 123,750,777 | 380,742,710 |
| 9 | Saphire Power | Gas | 225.00 | 116,514,863 | 310,670,748 |
| 10 | Hubco Narowal | RFO | 225.00 | - | - |
| 11 | Liberty Power | RFO | 200.00 | 74,452,248 | 676,092,795 |
| 12 | Halmore | Gas | 225.00 | - | - |
| Sub-Total: | | | | 992,545,066 | 5,731,284,194 |
| IPPs Total:- | | | 7,008 | 2,768,699,637 | 18,838,050,139 |
| 4 | TPS-Quetta | Gas | 25 | (36,730) | (275,475) |
| | TPS-Shahdara | Gas | | - | - |
| | SPPs | Mixed | 151 | 44,315,331 | 509,626,307 |
| Others Total | | | 176 | 44,278,601 | 509,350,832 |
| G-Total: | | | 17,568 | 6,556,858,990 | 27,152,640,187 |

Summary

| | | | | | |
|-------------|------------------|--|--|---------------|----------------|
| 1 | Hydel | | | 2,812,831,050 | 973,972,432 |
| 2 | Coal | | | - | - |
| 3 | HSD | | | - | - |
| 4 | F.O. | | | 1,627,179,191 | 18,736,546,982 |
| 5 | Gas | | | 1,831,575,348 | 6,570,929,304 |
| 6 | Nuclear | | | 216,050,000 | 255,414,185 |
| 7 | Import from Iran | | | 24,908,070 | 106,150,978 |
| 8 | Mixed | | | 44,315,331 | 509,626,307 |
| Grand Total | | | | 6,556,858,990 | 27,152,640,187 |

Energy Sale Price

| | |
|---------------------------|----------------|
| Energy Cost (Rs.) | 27,152,640,187 |
| EPP charged to IPPs (Rs.) | 70,378,878 |
| EPP (Chargable) (Rs.) | 27,082,261,309 |
| Energy Sold (KWh) | 6,393,067,883 |
| Avg. Rate (Rs./KWh) | 4.2362 |



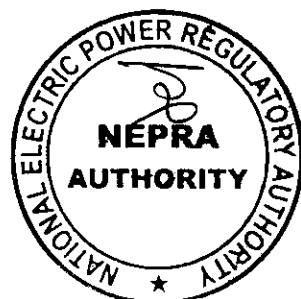
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Source Wise Generation

| Sources | Reference | | Actual | |
|---------------------|---------------|---------------|--------------|---------------|
| | November 2010 | | | |
| | GWh | % | GWh | % |
| Hydel | 2,290 | 33.3% | 2,813 | 42.9% |
| Coal | 3 | 0.0% | - | 0.0% |
| HSD | - | 0.0% | - | 0.0% |
| RFO | 2,441 | 35.5% | 1,627 | 24.8% |
| Gas | 1,850 | 26.9% | 1,832 | 27.9% |
| Nuclear | 217 | 3.2% | 216 | 3.3% |
| Import Iran | 18 | 0.3% | 25 | 0.4% |
| Mixed | 49 | 0.7% | 44 | 0.7% |
| Prev Adjust | - | 0.0% | - | 0.0% |
| Total | 6,868 | 100.0% | 6,557 | 100.0% |
| Sale to IPPs | - | 0.0% | (4) | -0.1% |
| Transmission Losses | (172) | -2.5% | (160) | -2.4% |
| Net Delivered | 6,696 | 97.5% | 6,393 | 97.5% |

Source Wise Fuel Cost/Energy Purchase Price

| Sources | Reference | | Actual | |
|----------------------|---------------|---------------|---------------|---------------|
| | November 2010 | | | |
| | Mlns. Rs. | Rs./kWh | Mlns. Rs. | Rs./kWh |
| Hydel | 243 | 0.1060 | 974 | 0.3463 |
| Coal | 8 | 2.6975 | - | - |
| HSD | - | - | - | - |
| RFO | 25,841 | 10.5849 | 16,906 | 10.3897 |
| Gas | 6,843 | 3.6984 | 6,353 | 3.4687 |
| Nuclear | 111 | 0.5095 | 242 | 1.1191 |
| Import Iran | 89 | 4.9894 | 106 | 4.2617 |
| Mixed | 511 | 10.5000 | 510 | 11.5000 |
| Prev Adjust | - | - | - | - |
| Total | 33,645 | 4.8989 | 25,091 | 3.8266 |
| Supplemental Charges | - | - | 2,062 | 0.3145 |
| Sale to IPPs | - | - | (70) | (18.9004) |
| Grand Total | 33,645 | 4.8989 | 27,082 | 4.1304 |
| Transmission Losses | - | 0.1256 | - | 0.1058 |
| Net Total | 33,645 | 5.0245 | 27,082 | 4.2362 |



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