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National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/R/TRF-100/MFPA/17343-17361

December 4, 2015

1. Chief Executive Officer, FESCO, Faisalabad.
2. Chief Executive Officer, GEPCO, Gujranwala.
3. Chief Executive Officer, HESCO, Hyderabad.
4. Chief Executive Officer, IESCO, Islamabad.
5. Chief Executive Officer, LESCO, Lahore.
6. Chief Executive Officer, MEPCO, Multan.
7. Chief Executive Officer, PESCO, Peshawar.
8. Chief Executive Officer, QESCO, Quetta
9. Chief Executive Officer, SEPCO, Sukkur.
10. Chief Executive Officer, TESCO, Peshawar.

Subject: Decision of the Authority in the matter of Fuel Charges Adjustment for the Month of October 2015 for XWDISCOs along with Notification Thereof

Enclosed please find herewith copy of the decision of the Authority (14 pages) regarding adjustment in fuel charges in respect of Ex-WAPDA Distribution Companies for the month of October 2015 alongwith its Notification i.e. S.R.O 1200(I)/2015 dated 04.12.2015.

2. XWDISCOs are directed that while charging the fuel charge adjustment from their consumers, the Order of the Honourable Court(s), if any, be kept in mind and ensure compliance with the Order(s) of the Court(s), whatsoever, in this regard. In case of non-compliance of Courts Order the concerned DISCO shall be held responsible for violating / defying the orders of the Honourable Court(s).

Enclosure: As above (Decision alongwith Notification is also available on NEPRA's website)

Syed Safer Hussain)

CC:

1. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
2. Secretary, Ministry of Water & Power, 'A' Block, Pak Secretariat, Islamabad.
3. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
4. Managing Director, PEPCO, WAPDA House, Lahore.
5. Member (Power), WAPDA, WAPDA House, Lahore.
6. Managing Director, NTDC, 414 WAPDA House, Lahore.
7. Registrar, Supreme Court of Pakistan, Islamabad.
8. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited
6th Floor, Shaheed-e-Millat Secretariat, Jinnah Avenue, Blue Area, Islamabad
9. General Manager, WAPDA Power Privatization Organization (WPPO) of NTDC, Lahore.



**DECISION OF THE AUTHORITY IN THE MATTER OF FUEL CHARGES
ADJUSTMENT FOR THE MONTH OF OCTOBER 2015 FOR EX-WAPDA DISCOS**

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) read with the mechanism/formula determined by the Authority in the tariff determinations for Ex-WAPDA DISCOs for the Financial Year 2014-15, the Authority has to make adjustments in the approved tariff on account of any variations in the fuel charges on a monthly basis.
2. In order to make adjustments in the approved tariff of the XWDISCOs due to variations in the fuel charges for the month of October 2015, necessary information as to the details of the actual fuel charges etc. was obtained from Central Power Purchasing Agency Guarantee Limited (CPPA-G).
3. Notwithstanding the fact that the monthly adjustment on account of fuel charges variation is made in pursuance of the provisions of section 31(4) of the Act XL of 1997 as well as on the basis of a mechanism/formula already determined by the Authority in its annual tariff determinations for ex-WAPDA DISCOS, yet the impact of such adjustments, if any, is to be paid by the consumers of electricity, therefore, the salient features and details of the proposed adjustments in the approved tariff were published in newspapers on November 26, 2015 and also uploaded on NEPRA's Website for information of all concerned. In order to provide an opportunity of hearing to all concerned and to meet the ends of natural justice, the Authority decided to conduct a public hearing on the issue on December 01, 2015 at NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad. The date of hearing was mentioned in the advertisement published in newspapers and also uploaded on NEPRA's website whereby participation in the hearing and filing of





comments/ objections from any interested person were invited. Separate notices were also sent to the interested / affected parties.

4. On the date fixed for the hearing, representatives from Central Power Purchasing Agency Guarantee Limited (CPPA-G), National Power Control Center (NPCC), National Transmission and Dispatch Company (NTDC) and media were present; however, no representative from WAPDA Power Privatization Organization (WPPO), Sui Southern Gas Company Limited (SSGCL), Sui Northern Gas Pipelines Limited (SNGPL), Ministry of Water & Power and Ministry of Finance attended the hearing despite service of notice. Written Comments were received from M/s Anwar Kamal Law Associates (AKLA) and Mr. Naqash Mahmood Butt.
5. The points raised by AKLA, relevant to monthly Fuel Charges Adjustment (FCA), are discussed hereunder;
6. AKLA has mentioned that projections of Fuel Prices are on the higher side while setting up of reference fuel price in consumer end tariff.
7. The Authority observed that Fuel Price projections, while setting up of reference fuel price in consumer end tariff of Distribution companies, are based on the best estimates keeping in view the past trends and available national / international reports for future projections of oil prices. In case of any variation in fuel prices with that of reference prices, the same is either recovered from the consumers or benefit of the same is passed on to the consumers through monthly FCA. The Authority also noted that any profits earned by DISCOs on their bank deposits are subsequently adjusted, as a prior year adjustment, in their next tariff determination.
8. AKLA also highlighted the delay in deciding the monthly FCAs by the Authority.





9. The Authority has already taken cognizance of the late submission of FCA requests by CPPA-G and in this regard issued an explanation dated June 30, 2015 to CPPA/NTDC under Rule 4 (1) & (2) of the NEPRA (Fines) Rules, 2002. The Authority, considering the response of CPPA/NTDC unsatisfactory issued a show cause notice to CPPA/NTDC on August 27, 2015 under Rule 4 (8) & (9) of the NEPRA (Fines) Rules, 2002. CPPA/NTDC submitted its response wherein, *inter alia*, CPPA/NTDC requested for an opportunity of hearing to explain its point of view. The Authority acceding to the request of CPPA/NTDC provided the hearing opportunity to CPPA/NTDC which has been held on December 01, 2015 and the submission made by CPPA/NTDC are being adjudicated by the Authority.

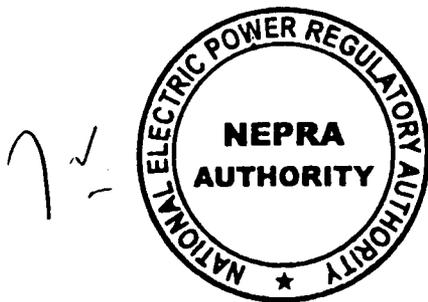
10. The Authority on the issue of underutilization of power plants and non-following of Economic Merit Order (EMO) noted that AKLA has only made a general statement, without referring to any specific instance or point in time. The Authority, however, observed that it has already taken up underutilization of power plants in NTDC System and K-Electric on different occasions and it has been observed that the plants have not been operated due to technical and fuel constraints. NEPRA, however, monitors operation of System on daily basis and directions are being issued as necessitated. Generation licensees are regularly monitored and in case of drop of efficiency and utilization due to aging of units, the same were excluded from generation license in the past. Moreover, presently some plants are under consideration for their exclusion from generation license. The Authority also noted that EMO is strictly being followed in giving Power Dispatch to all thermal power plants including GENCOs and IPPs and no Power Plant is run out of merit as categorically certified by NPCC on monthly basis. Operational considerations have to be decided by NTDC/NPCC for carrying out economic dispatch.

11. The Authority with reference to the query raised during the hearing of FCA for the month of September 2015, regarding operation of power plants on partial load.



directed NTDC to submit its response. NTDC vide its letter dated October 29, 2015 submitted that sometimes, for short duration; power plants became partially loaded due to varying load demand (reduction). It is not possible to run these plants at full load because of non-availability of load and also it is not feasible to stop these plants due to technical reasons. Moreover at such times load shedding cannot be adjusted on momentary basis. The Authority regarding startup and open cycle charges observed that these being supplemental charges are part of Fuel Cost component under the 1994 Power Policy and are paid to IPPs as per terms of their respective Power Purchase Agreements. The Authority further observed that complete detail of supplemental charges claimed by CPPA-G in its monthly FCA request is presented during the public hearing for information of all the concerned.

12. On the point regarding supply of energy from Guddu 747 Power Plant, without having tariff, the Authority noted that this issue has already been addressed by the Authority in its FPA decisions for the months of January and February 2015, wherein it is clarified that this is being done in order to protect the consumers from any sudden price hike in the cost of electricity. Similarly, in later months, provisional fuel cost of energy delivered by Guddu 747 is also being adjusted in respective month's FCA to avoid one time burdening of the consumers. It may, however, be noted that these amounts are not being paid to the Guddu Power Plant and has only been retained by DISCOs. Payment to Guddu Power Plants will be made strictly as per NEPRA's approved tariff rates and terms and conditions as & when finalized and any over/ under-recovered amount will be adjusted accordingly.
13. The Authority on the issue regarding details of amount appearing under head previous adjustment observed that generator wise detail of amount charged under the head previous adjustments as submitted by CPPA-G is presented during the hearing, therefore, the point raised by AKLA does not merit consideration.





14. The Authority, on the point regarding wrong calculation of monthly FCA, if the effect of monthly FCA is not passed on to the domestic consumers category consuming up-to 300 units, observed that AKLA has only made a generic statement and no evidence or working has been provided in support of the claim. The Authority is therefore constrained to consider this point.
15. Regarding Supply of 650 MW of electricity from NTDC system to K-Electric, without having any legal contract, the Authority observed that a High level Committee has been constituted by GOP to address the issue.
16. On the issue of deduction of GIDC amount from Fuel Charges Adjustment, the Authority noted that it has already issued its detailed decision in the matter of GIDC vide No.NEPRA/TRF-72/EPQL-2007/9672-9674 dated June 25, 2015, which is available on NEPRA's website, therefore, need not to be discussed again.
17. The Authority on the point of Adjustment of RLNG without having notified mechanism, observed that the existing fuel price mechanism notified in the official gazette does not provide the adjustment mechanism in fuel cost on account of variation in RLNG price. Therefore in order to prescribe adjustment mechanism, a modification is required, in the existing notified mechanism in accordance with the Tariff Standard and Procedures Rules 1998. The Authority has therefore decided to initiate the proceedings in this regard and has also decided to allow immediate application of the provisional price notified by OGRA for adjustment in the Fuel cost component of Gas / HSD based IPPs subject to an order of refund for the protection of consumers while the proceedings are pending before the Authority. This is being done in the interest of the consumers to avoid one time burdening of the consumers.





18. The Authority noted that other issues highlighted by AKLA like payment of Capacity Charges, addition of non-base load high cost solar & wind power plants and permission to convert old-inefficient power plants from RFO to Coal do not pertain to the Fuel Price Adjustment and therefore cannot be considered here.
19. Mr. Butt in his written comments referred to his previous correspondences wherein issues like carrying out an audit of gas based Captive Power Plants (CPPs) with regard to following the terms & conditions of their respective Gas Supply Agreements, linking of Bagasse price with coal instead of gas, difference in the Fuel Cost Component (FCC) of Galaxy Textile Mills, Agar Textile Mills & Hi-Tech Industries and pending Power Acquisition Request (PAR) of FESCO in the matter of procurement of power from Sitara Energy Limited were raised.
20. The Authority understands that although carrying out an audit of gas based CPPs with respect to their Gas Supply Agreements & any amendments made therein, allocation of gas quota and detail of gas connections etc. does not come under the ambit of NEPRA, however, the Authority may consider carrying out the Audit.
21. On the point having different FCCs for Galaxy Textile Mills, Agar Textile Mills & Hi-Tech Industries, the Authority observed that difference in FCC of these plants is because of difference in their allowed efficiencies. Both the Agar Textile and Hi-Tech Industries are CPPs which have been allowed an efficiency of 37.5%, whereas, Galaxy Textile has been set up under the Policy Framework for New Captive Power Producers (N-CPPs), with a higher efficiency of 43%. Detailed decisions of the Authority in the matter of PARs of these power plants are available on NEPRA's website.





22. The Authority on the issue regarding PAR of FESCO for purchase of power from Sitara Energy Limited, observed that proceedings, in accordance with NEPRA Act and rules made thereunder including public hearing, were carried out in the matter. However, Mr. Butt did not appear in any such process either as an intervener or commentator to make his submissions. The Authority is therefore constrained to consider the submissions of Mr. Butt with respect to PAR of FESCO at this stage and also being not relevant to the issue in hand i.e. Fuel Charges Adjustment. Moreover, the Authority has already at para 9 of its FCA decision for the month of February 2015 has addressed the issue of purchase of power from Sitara Energy Limited.
23. As far as the linkage of Bagasse price with Coal instead of gas is concerned, the Authority noted that this issue has already been discussed in detail, in the respective PAR of each such power plant, in the matter of Suo Moto review proceedings carried out by the Authority under section 7(2)(g) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 read with Regulation 3(1) of the NEPRA (Review Procedure) Regulations 2009 for revision / modification of fuel cost component and indexation mechanism, therefore need not to be discussed again.
24. The Authority has gone through the information provided by CPPA-G seeking monthly fuel adjustment and due diligence is also done accordingly. From perusal of the information so provided by CPPA-G, the actual pool fuel charge for the month of October 2015 is Rs. 5.5222/kWh, against the reference fuel cost component of Rs.7.3369/kWh as indicated in the Annexure-IV of the Authority's determination pertaining to the Ex-WAPDA DISCOs for FY 2014-15. The actual fuel charges for the month of October 2015 decreased by Rs. 1.8147/kWh (Annex-I&II) as compared to the reference fuel charges.





25. The Authority observed that CPPA-G as per directions of the Authority in the FCA decision for September 2015, adjusted an amount of Rs.6,095 Million on account of cost of RLNG in the FCA of October 2015, which has not been allowed in the previous moths. Plant wise detail of amount adjusted by CPPA-G is as under;

| Sr. No. | Power Plant | Amount adjusted on account of cost of RLNG (Rs. in Million) |
|---------|----------------|-------------------------------------------------------------|
| 1 | KAPCO | 3,700.92 |
| 2 | Orient Power | 1,392.35 |
| 3 | Saif Power | 216.16 |
| 4 | Sapphire Power | 785.58 |
| | Total | 6095.01 |

26. The Authority directed CPPA-G to provide month wise break-up of the adjustment amount of Rs.3,701 Million claimed for KAPCO for information and record of the Authority. Here it is pertinent to mention that KAPCO falls under the 1994 Power Policy and its tariff and adjustments therein, if any, are dealt with by WPPO.
27. The Authority also observed that RLNG cost of Roush power plant amounting to Rs.883.845 Million, disallowed by the Authority in the FCA of September 2015, was not included by CPPA-G in its FCA request of October 2015. Upon inquiry, CPPA-G submitted that the claim of Roush Power plant is being verified and the exact amount after verification of the invoice will be adjusted in next month's FCA. CPPA-G further informed that Fauji Kabir Wala Power Plant has also been partially run on RLNG, however, its cost has not been included in the total cost owing to arising of certain disputes under the Power Purchase Agreement (PPA) and will be considered in subsequent monthly FCA requests once these issues are settled. The Authority directed CPPA-G to finalize these amounts for its adjustment in the next FCA in order to protect the consumers from one time burdening, pending adjustment of such costs.





28. The Authority during the hearing inquired from CPPA-G about purchase of energy from TPS-Quetta, who is not a licensee of NEPRA. CPPA-G in this regard submitted that it has no Authority to disconnect any energy that is added to the National Grid as it has to meet up the shortfall in the System and also to maintain the system. CPPA-G further submitted that the matter has already been taken up with the concerned GENCO to obtain the generation License. The Authority directed CPPA-G to force the GENCO to get the generation license on priority.
29. As per details provided by CPPA-G, 10.826 GWh were purchased by DISCOs from small and captive power plants. CPPA-G provided actual details of energy purchased from these plants. According to the details provided by CPPA-G, the actual fuel cost of this energy is Rs.81.29 million, however, the same works out to be Rs. 81.25 million a per NEPRA approved rates. Accordingly for the instant adjustment, cost of Rs. 81.25 million has been considered on account of fuel cost component of energy purchased from small and captive power plants.
30. CPPA-G reported NTDC transmission losses of 185.926 GWh i.e. 2.24% during October 2015, which are lower than the Authority's assessed transmission losses of 3% as per its determination dated 19.07.2013 in the matter of NTDC, notified vide SRO No. 886(I) 2013 dated 24.09.2013. Accordingly, for calculation of FCA for October 2015, actual losses of 185.926 GWh i.e. 2.24% incurred by CPPA-G, being lower than the Authority assessed losses, have been taken into account for the purpose of current adjustment.
31. The Authority observed that CPPA-G in its instant monthly FCA request has claimed Transmission losses as a percentage of the total energy generated for the month including the energy generated by those power plants which are directly connected to DISCOs network at 132KV. The Authority is of the view that while





working out the Transmission losses such power plants shall not be counted with others and treated separately and losses only to the extent of electricity transmitted through NTDC network be considered. CPPA-G agreed to provide detail of the energy which is being transmitted using NTDC Network separately for its 500KV and 220 KV network.

32. The Authority also directed CPPA-G to provide with its monthly FCA request complete detail showing plant wise Licensed Capacity, Net Capacity available for generation, energy generated, quantity of fuel used, total fuel cost, Fuel Cost/ kWh, Heat Rate / efficiency and plant utilization factor for Authority's consideration.
33. The Authority, after incorporating the aforementioned adjustments, has reviewed and assessed a decrease of Rs.1.8147/kWh in the applicable tariff for Ex-WAPDA DISCOs on account of variations in the fuel charges for the month of October 2015 as per the following details:

| | |
|---------------------------------------------------------------|------------------|
| Actual Fuel Charges Component for October 2015 | Rs. 5.5222/kWh |
| Corresponding Reference Fuel Charges Component | Rs. 7.3369/kWh |
| Fuel Price Variation for the month of October 2015 - Decrease | (Rs. 1.8147/kWh) |

34. In view of the aforementioned, the Authority has decided that adjustment as referred to in Para 33 above ;
- a. Shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming up-to 300 units and Agriculture Consumers of all the DISCOs. It is hereby clarified that negative adjustment on account of monthly FCA is also applicable to the domestic consumers having Time of Use (ToU) meters irrespective of their consumption level. In case such adjustments

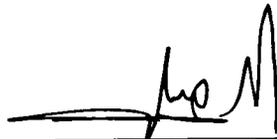


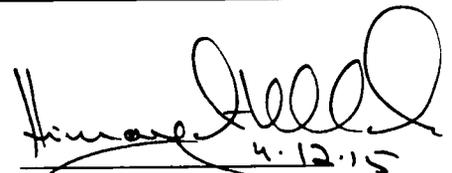


have not been passed on to the domestic consumers, having ToU meters, in the past, the respective DISCOs are hereby directed to pass on the same to such consumers in their monthly bills.

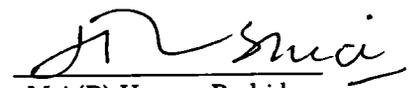
- b. Shall be shown separately in the consumers' bill on the basis of units billed to the consumers in the month of October 2015.
- c. DISCOs shall reflect the fuel charges adjustment in respect of October 2015 in the billing month of December 2015.
- d. While affecting the Fuel Adjustment Charges, the concerned DISCOs shall keep in view and strictly comply with the orders of the courts notwithstanding this order.

AUTHORITY


04/12/15
Khawaja Muhammad Naeem
Member


4.12.15
Himayat Ullah Khan
Member


8/12
Syed Masood-ul-Hassan
Member


Maj (R) Haroon Rashid
Vice Chairman

- On four -
Brig (R) Tariq Saddozai
Chairman




4-12-2015

| S.No. | Power Producer | Fuel | Dep. Capacity (MW) | Energy KWh | FCC Rs. | VO&M Rs. | Total Energy Cost (Rs.) | | |
|----------------|-----------------------|--------------------|--------------------|---------------|----------------|---------------|-------------------------|---------------|---------------|
| 1 | Hydel | | | | | | | | |
| | i. | WAPDA | Hydel | 6,902.00 | 2,416,189,537 | - | 209,891,969 | 209,891,969 | |
| | ii. | Jagran | Hydel | 30.00 | 5,462,830 | - | 10,914,734 | 10,914,734 | |
| | iii. | Pehure | Hydel | 17.90 | 5,158,640 | - | 1,469,642 | 1,469,642 | |
| | iv. | Malakand-III SHYDO | Hydel | 81.46 | 14,272,000 | - | 9,193,250 | 9,193,250 | |
| | v. | Laralb | Hydel | 84.00 | 54,681,000 | - | 10,613,682 | 10,613,682 | |
| Hydel Total: | | | 7,115.36 | 2,495,762,007 | - | 242,083,178 | 242,083,178 | | |
| 2 | Ex-WAPDA GENCOs | | | | | | | | |
| | I | GENCO-I | | | | | | | |
| | | | Jamshoro Block 2 | RFO | 470.00 | 21,391,309 | 182,287,849 | 1,978,896 | 184,266,545 |
| | | | Unit 2-4 | Gas | | 290,206,691 | 2,419,378,235 | 28,844,119 | 2,446,222,354 |
| | | | Kotri 3-7 | Gas | 106.50 | 67,093,510 | 627,761,627 | 6,206,150 | 633,967,677 |
| | Jamshoro Total | | | 798.50 | 378,381,510 | 3,129,427,611 | 35,028,965 | 3,164,458,576 | |
| | ii | GENCO-II | | | | | | | |
| | | | Central Block 2 | Gas | 390 | 147,552,621 | 979,232,969 | 10,168,378 | 989,399,345 |
| | | | Guddu CC 5-10 | Gas | 530 | 687,879 | 6,845,707 | 47,381 | 6,893,088 |
| | | | Guddu 747 | Gas | 747 | 510,069,516 | 2,448,333,677 | 140,578,169 | 2,688,905,235 |
| | Central Total | | | 2,147.00 | 658,309,816 | 3,434,412,353 | 150,788,915 | 3,585,201,268 | |
| | iii | GENCO-III | | | | | | | |
| | | | Northern Block 1 | RFO | 558.00 | 332,567,465 | 2,854,923,671 | 8,314,167 | 2,863,237,758 |
| | | | Northern Block 2 | RFO | 270.00 | (451,597) | (3,842,162) | (11,290) | -3,853,452 |
| | | | Northern Block 3 | RFO | 360.00 | 141,608,359 | 1,370,008,062 | 3,540,209 | 1,373,648,271 |
| | Northern Total: | | | 1,568.00 | 473,724,227 | 4,221,089,471 | 11,843,106 | 4,232,932,577 | |
| | iv | GENCO-IV | | | | | | | |
| | | | | Coal | 31.20 | 4,606,000 | 20,726,079 | 586,423 | 21,311,501 |
| | Total: | | | 31.20 | 4,606,000 | 20,726,079 | 586,423 | 21,311,501 | |
| | v | GENCO-V | | | | | | | |
| | | Nandipur | RFO | 425.00 | 39,996,000 | - | - | - | |
| Total: | | | 425.00 | 39,996,000 | - | - | - | | |
| GENCOs Total:- | | | 4,969.70 | 1,555,017,553 | 10,805,655,514 | 198,248,408 | 11,003,901,922 | | |
| 3 | IPPs | | | | | | | | |
| 1 | Kot Addu Block 1 | RFO | 325 | 186,332,800 | 1,172,301,282 | 81,788,064 | 1,254,089,326 | | |
| | | Gas | | | | | | | |
| | Kot Addu Block 2 | RFO | 762 | 242,334,600 | 1,675,342,993 | 149,728,354 | 1,825,071,347 | | |
| | | Gas | | | | | | | |
| | Kot Addu Block 3 | Gas | 249 | 111,300 | 1,790,093 | 96,140 | 1,886,233 | | |
| | | HSD | | | | | | | |
| KAPCO Total | | | 1,336.00 | 538,840,000 | 3,744,937,871 | 288,527,358 | 4,033,465,227 | | |
| 2 | Hub Power | RFO | 1,200.00 | 651,936,100 | 4,629,855,920 | 109,211,948 | 4,739,067,868 | | |
| 3 | Kohinoor Energy | RFO | 124.00 | 72,349,000 | 508,041,056 | 41,297,562 | 649,338,618 | | |
| 4 | AES Lalpur | RFO | 350.00 | 191,989,300 | 1,450,326,530 | 31,391,694 | 1,461,718,124 | | |
| 5 | Pak Gen Power Limited | RFO | 348.60 | - | - | - | - | | |
| 6 | Southern Power | RFO | 110.47 | - | - | - | - | | |
| 7 | Habibullah | Gas | 129.15 | 61,631,776 | 295,623,198 | 25,106,649 | 320,729,647 | | |
| 8 | Fauji Kabirwala | Gas | 151.20 | 99,182,490 | 521,431,901 | 71,160,064 | 592,591,965 | | |
| 9 | Rousch | Gas | 395.00 | 285,222,463 | 2,171,092,489 | 76,241,565 | 2,247,334,074 | | |
| 10 | Saba Power | RFO | 125.55 | - | - | - | - | | |
| 11 | Japan Power | RFO | 107.00 | - | - | - | - | | |
| 12 | Uch | Gas | 551.25 | 189,950,000 | 402,996,826 | 194,551,133 | 597,547,959 | | |
| 13 | Altam | Gas | 27.12 | 21,401,530 | 139,666,647 | 14,000,861 | 153,667,528 | | |
| 14 | Liberty | Gas | 211.65 | 158,496,900 | 975,643,730 | 49,484,320 | 1,025,128,050 | | |
| 15 | Oavis Energen | Gas | 10.00 | 7,527,000 | 49,527,660 | 3,893,499 | 53,221,159 | | |
| 16 | Chashma Nuclear | Nucl. | 300.00 | - | - | - | 0 | | |
| 17 | Chashma Nuclear-II | Nucl. | 315.00 | 226,641,000 | 254,947,750 | - | 254,940,750 | | |
| 18 | Tavanir Iran | Import | 96.00 | 40,460,462 | 424,834,851 | - | 424,834,851 | | |
| Sub-Total: | | | 5,888.19 | 2,533,827,021 | 15,568,919,429 | 904,666,591 | 16,473,586,020 | | |



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CENTRAL POWER PURCHASING AGENCY (CPPA)
Energy Procurement Report (Provisional)
Oct-2015

| S.No. | Power Producer | Fuel | Dep. Capacity (MW) | Energy KWh | FCC Rs. | VO&M Rs. | Total Energy Cost (Rs.) | |
|----------------|------------------|------------------------|--------------------|---------------|----------------|---------------|-------------------------|-------------|
| 1 | Attock-Gas | RFO | 156.18 | 106,540,554 | 611,271,085 | 86,038,618 | 709,309,703 | |
| 2 | Atlas Power | RFO | 213.88 | 127,090,224 | 868,193,228 | 115,067,489 | 983,260,716 | |
| 3 | Nishat Power | RFO | 195.31 | 119,806,037 | 836,864,772 | 108,472,388 | 944,327,158 | |
| 4 | Foundation Power | Gas | 171.48 | 121,651,559 | 581,916,401 | 46,010,642 | 726,926,943 | |
| 5 | Orient | Gas | 212.70 | | | | | |
| | | HSD | | 27,770,167 | 369,040,393 | 8,662,917 | 378,693,310 | |
| 6 | Nishat Chunlian | RFO | 195.72 | 109,153,592 | 834,315,604 | 86,596,556 | 932,912,060 | |
| 7 | Saf Power | Gas | 203.89 | | | | | |
| | | HSD | | 16,815,671 | 194,343,619 | 8,233,638 | 202,677,157 | |
| 8 | Engro Energy | Gas | 212.98 | 129,053,444 | 776,662,862 | 42,161,760 | 818,724,622 | |
| 9 | Sapphire Power | Gas | 203.17 | | | | | |
| | | HSD | | 68,166,987 | 687,049,326 | 29,938,701 | 718,988,027 | |
| 10 | Hubco Narwal | RFO | 213.82 | 111,956,201 | 833,628,370 | 96,102,368 | 929,630,726 | |
| 11 | Liberty Power | RFO | 198.14 | 118,613,281 | 853,466,147 | 119,544,326 | 973,010,473 | |
| 12 | Halmora | Gas | 199.24 | | | | | |
| | | HSD | | 70,892,911 | 874,622,376 | 37,061,302 | 911,683,877 | |
| 13 | Uch-II | Gas | 380.76 | 235,439,753 | 1,132,161,872 | 60,548,915 | 1,182,700,787 | |
| 14 | JDW-I | Bagasse | 28.36 | - | - | - | - | |
| 15 | JDW-III | Bagasse | 28.36 | - | - | - | - | |
| 16 | RYK | Bagasse | 24.01 | - | - | - | - | |
| 17 | Chiniot Power | Bagasse | 62.40 | 69,590 | - | - | - | |
| Sub-Total: | | | 2,831.95 | 1,635,592,169 | 11,509,804,835 | 955,608,662 | 12,465,413,497 | |
| IPP, a Total:- | | | 8,720.14 | 4,169,419,190 | 27,076,724,284 | 1,860,275,253 | 28,938,999,517 | |
| 4 | Others | | | | | | | |
| | I. | TPS-Quetta | Gas | 25.00 | 14,782,000 | 127,126,200 | 1,018,480 | 128,143,680 |
| | II. | Zorku | Wind | 56.40 | 9,388,000 | - | 22,439 | 22,439 |
| | III. | FFCEL | Wind | 49.50 | 7,117,000 | - | - | - |
| | IV. | TFG | Wind | 49.50 | 8,683,600 | - | - | - |
| | V. | Foundation | Wind | 49.50 | 10,630,000 | - | - | - |
| | VI. | Sapphire Wind Power | Wind | 49.50 | 1,426,070 | - | - | - |
| | VII. | Quid-e-Azam Solar Park | Solar | 100.00 | 14,049,310 | - | 34,762,373 | 34,762,373 |
| | VIII. | SPPs | Mixed | 256.90 | 10,826,198 | 81,292,238 | - | 81,292,238 |
| Others Total | | | 636.30 | 76,902,176 | 208,417,438 | 35,793,292 | 244,210,730 | |
| G-Total: | | | 21,441.50 | 6,297,100,928 | 38,092,797,216 | 2,336,398,131 | 40,429,195,347 | |

Summary

| | | | | | | | |
|---------------------|------------------|--|--|---------------|----------------|---------------|----------------|
| 1 | Hydel | | | 2,495,782,007 | - | 242,083,178 | 242,083,178 |
| 2 | Coal | | | 4,606,000 | 20,726,079 | 685,423 | 21,311,501 |
| 3 | HSD | | | 172,737,726 | 2,127,082,986 | 84,990,118 | 2,212,073,101 |
| 4 | F.O. | | | 2,572,811,205 | 18,875,874,165 | 1,063,061,067 | 19,738,936,242 |
| 5 | Gas | | | 2,721,892,760 | 16,508,046,128 | 910,903,645 | 17,418,949,873 |
| 6 | Nuclear | | | 228,641,000 | 264,940,750 | - | 264,940,750 |
| 7 | Import from Iran | | | 40,460,462 | 424,834,851 | - | 424,834,851 |
| 8 | Wind Power | | | 37,244,670 | - | 22,439 | 22,439 |
| 9 | Solar | | | 14,049,310 | - | 34,762,373 | 34,762,373 |
| 10 | Bagasse | | | 69,590 | - | - | 0 |
| 11 | Mixed | | | 10,826,198 | 81,292,238 | - | 81,292,238 |
| Total For The month | | | | 6,297,100,928 | 38,092,797,216 | 2,336,398,131 | 40,429,195,347 |
| Prev. Adjustment | | | | - | 6,742,041,370 | 300,024 | 6,742,341,394 |
| Grand Total: | | | | 6,297,100,928 | 44,834,838,586 | 2,336,898,155 | 47,171,636,741 |

Energy Sale Price

| | | | |
|-------------------------------------|----------------|---------------|----------------|
| Energy Cost (Rs.) | 44,834,838,586 | 2,336,898,155 | 47,171,636,741 |
| Cost not chargeable to DISCOs (Rs.) | 82,312,447 | | 82,312,447 |
| EPP (Chargeable) (Rs.) | 44,772,526,139 | 2,336,898,155 | 47,109,224,294 |
| Energy Sold (KWh) | 8,107,755,246 | 8,107,755,246 | 6,107,755,248 |
| Avg. Rate (Rs./KWh) | 5,522,185 | 2,882,055 | 7,810,391 |



| Source Wise Generation | | | | | | |
|------------------------|-----------------|----------------|-----------------|----------------|------------------|----------------|
| Sources | OCTOBER 2014 | | OCTOBER 2015 | | | |
| | Actual | | Reference | | Actual | |
| | GWh | % | GWh | % | GWh | % |
| Hydel | 3,202.84 | 38.47% | 2,986.07 | 35.18% | 2,495.76 | 30.08% |
| Coal | 0.12 | 0.00% | 13.78 | 0.16% | 4.61 | 0.06% |
| HSD | 245.48 | 2.95% | 140.33 | 1.65% | 172.74 | 2.08% |
| RFO | 2,780.61 | 33.40% | 2,922.38 | 34.43% | 2,572.81 | 31.01% |
| Gas | 1,523.65 | 18.30% | 1,918.87 | 22.60% | 2,721.89 | 32.81% |
| Nuclear | 403.42 | 4.85% | 373.84 | 4.40% | 226.64 | 2.73% |
| Import Iran | 40.75 | 0.49% | 35.55 | 0.42% | 40.46 | 0.49% |
| Mixed | 118.08 | 1.42% | 84.49 | 1.00% | 10.83 | 0.13% |
| Wind | 11.41 | 0.14% | 11.54 | 0.14% | 37.24 | 0.45% |
| Baggasse | | 0.00% | 1.96 | 0.02% | 0.07 | 0.00% |
| Solar | | 0.00% | - | 0.00% | 14.05 | 0.17% |
| Total | 8,326.37 | 100.00% | 8,488.79 | 100.00% | 8,297.101 | 100.00% |
| Sale to IPPs | (5.66) | -0.07% | | 0.00% | (3.42) | -0.04% |
| Transmission Losses | (196.99) | -2.37% | (254.66) | -3.00% | (185.93) | -2.241% |
| Net Delivered | 8,123.72 | 97.57% | 8,234.13 | 97.00% | 8,107.755 | 97.72% |

Source Wise Fuel Cost/Energy Purchase Price

| Sources | OCTOBER 2014 | | OCTOBER 2015 | | | |
|----------------------|------------------|---------------|------------------|---------------|------------------|---------------|
| | Actual | | Reference | | Actual | |
| | Mlns. Rs. | Rs./kWh | Mlns. Rs. | Rs./kWh | Mlns. Rs. | Rs./kWh |
| Hydel | - | - | - | - | - | - |
| Coal | 0.56 | 4.4998 | 49.77 | 3.6118 | 20.73 | 4.4998 |
| HSD | 4,984.67 | 20.3055 | 2,755.31 | 19.6348 | 2,127.08 | 12.3139 |
| RFO | 43,489.67 | 15.6403 | 45,835.88 | 15.6844 | 18,675.87 | 7.2589 |
| Gas | 6,841.71 | 4.4903 | 10,031.43 | 5.2278 | 16,508.05 | 6.0649 |
| Nuclear | 478.19 | 1.1853 | 494.27 | 1.3221 | 254.94 | 1.1249 |
| Import Iran | 403.44 | 9.9000 | 375.04 | 10.550 | 424.83 | 10.5000 |
| Mixed | 1,075.53 | 9.1082 | 860.09 | 10.18005 | 81.29 | 7.5088 |
| Wind | - | - | - | - | - | - |
| Baggasse | - | - | 11.3121 | 5.7702 | - | - |
| Solar | - | - | - | - | - | - |
| Total | 57,273.76 | 6.8786 | 60,413.11 | 7.1168 | 38,092.80 | 4.5911 |
| Supplemental Charges | 361.09 | 0.0434 | - | - | 6,742.04 | 0.8126 |
| Sale to IPPs | (124.46) | (21.9804) | - | - | (62.31) | (18.2211) |
| Grand Total | 57,510.40 | 6.9070 | 60,413.11 | 7.1168 | 44,772.53 | 5.3962 |
| Transmission Losses | - | 0.1723 | | 0.2201 | - | 0.1260 |
| Net Total | 57,510.40 | 7.0793 | 60,413.11 | 7.3369 | 44,772.53 | 5.5222 |

National Electric Power Regulatory Authority



NOTIFICATION

Islamabad, the December 4, 2015

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S.R.O. (I)/2015: – Pursuant to Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 as amended through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011, the National Electric Power Regulatory Authority makes and notifies the following adjustment in the approved tariff on account of variation in fuel charges for the month of October 2015 in respect of Ex-WAPDA Distribution Companies (XWDISCOs):

| | |
|------------------------------------------------------------------------|-------------------------|
| Actual Fuel Charges Component for October 2015 | Rs. 5.5222/kWh |
| Corresponding Reference Fuel Charges Component | Rs. 7.3369/kWh |
| Fuel Price Variation for the month of October 2015 - (Decrease) | (Rs. 1.8147/kWh) |

Note: The Authority has reviewed and assessed a decrease of (Rs. 1.8147/kWh) in the applicable tariff for EX-WAPDA DISCOs on account of variation in the fuel charges for the month of October 2015 as per the above details.

2. The above adjustment a decrease of (Rs.1.8147/kWh) shall be applicable to all the consumer categories except lifeline consumers, domestic consumers consuming upto 300 units and agriculture consumers of all the DISCOs. It is hereby clarified that negative adjustment on account of monthly Fuel Cost Adjustment (FCA) is also applicable to the domestic consumers having Time of Use (ToU) meters irrespective of their consumption level. In case such adjustments have not been passed on to the domestic consumers, having ToU meters, in the past, the respective DISCOs are hereby directed to pass on the same to such consumers in their monthly bills.

3. The said adjustment shall be shown separately in the consumers' bills on the basis of units billed to the consumers in the month of October 2015 by the DISCOs. DISCOs shall reflect the fuel charges adjustment in respect of October 2015 in the billing month of December 2015.

4. Notwithstanding this order, the concerned DISCOs shall keep in view and strictly comply with the orders of the courts, while affecting the Fuel Adjustment Charges.

4/12/15
(Syed Safer Hussain)
Registrar

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