



**CENTRAL POWER PURCHASING AGENCY GUARANTEE LIMITED**

*(A Company of Government of Pakistan)*

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No. CPPA-G/2018/CFO/8709-10

Dated: Dec 14<sup>th</sup>, 2018

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

**SUBJECT: ENERGY PURCHASE DATA FOR THE MONTH OF NOVEMBER, 2018.**

Please find annexed monthly purchase data for November, 2018 along-with complete detail of all charges incurred and taken into account. It is mentioned that soft copy of the same is being sent to NEPRA.

It is certified that energy during billing month, was procured from all power producers having valid generation license except TPS-Quetta of GENCO-II. Company is asked for the provision of generation license in respect of TPS-Quetta. Certificates provided by quarter concerned are enclosed.

**Chief Financial Officer**

**CC:**

- Chief Executive Officer, CPPA-G.  
Master File

**CERTIFICATE**  
**FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF**  
**REGARDING 2002 POWER POLICY FOR THE MONTH OF**  
**NOVEMBER ,2018**

This is to certify that:-

- 1) All purchases have been made from Generation Companies having valid generation License issued by NEPRA except TPS Quetta.
- 2) Invoices of all Electricity Purchaser have been made strictly in accordance with the rates, Terms & conditions as determined / approved / specified by NEPRA and notified in the Official Gazette, However Payment regarding periodical adjustments are made as per decision of NEPRA.

The above statement is true and based on facts and verifiable documentary evidence. In case of any deviation / Variation observed if not rectified at later stage, CPPA will be responsible for the consequences arising out of any misstatement under NEPRA Act, Rules & Regulations made there under a relevant Law of the country, whichever is applicable.



**Manager (IT) CPPA-G**

# **CERTIFICATE**

## **FOR FUEL ADJUSTMENT IN THE CONSUMER-END TARIFF**

### **REGARDING 1994 POWER POLICY (HUBCO & KAPCO INCLUSIVE)**

#### **FOR THE MONTH OF NOVEMBER ,2018**

This is to certify that:-

- i) All purchases have been made from IPP's Under 1994 Policy, including HUBCO , KAPCO & Chasnupp and Excluding Tavanir, having valid generation License issued by NEPRA.
  - ii) Invoices of all Electricity Purchaser have been made strictly in accordance with the rates, Terms & conditions as stipulated in the respective Power Purchase Agreement.
  - iii) All payments to IPP's are being made after observing all formalities provided in the respective Power Purchase Agreement.
  - iv) All Sales / Purchases have been made in accordance with the Power Purchase Agreement.
2. The above statement is true and based on facts and verifiable documentary evidence. In case of any deviation / Variation observed if not rectified at later stage, WPPO will be responsible for the consequences arising out of any misstatement under NEPRA Act, Rules & XRegulations made there under a relevant Law of the country, whichever is applicable.



**Manager (IT) CPPA-G**



CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
For the Month of November 2018

| S.N<br>o. | Power Producer         | Fuel  | Dep.<br>Capacity<br>(MW) | Energy KWh           | Fuel Charges<br>Rs.  | VO&M<br>Charges<br>Rs. | EPP Billing month (Rs.) | Prev. Adjustment in Fuel<br>Cost<br>(Rs.) | Prev. Adjustment in<br>VO&M<br>(Rs.) | Prev. Adjustment in EPP<br>Total<br>Rs. | Supp. Charges | Total Fuel Cost<br>Rs. | Total VO&M<br>Rs.  | Total<br>Energy Cost<br>(Rs.) |
|-----------|------------------------|-------|--------------------------|----------------------|----------------------|------------------------|-------------------------|-------------------------------------------|--------------------------------------|-----------------------------------------|---------------|------------------------|--------------------|-------------------------------|
|           |                        |       |                          | A                    | B                    | C                      | D= B+C                  | E                                         | F                                    | G=E+F                                   | H             | I= B+E+H               | J=C+F              | K=H+J                         |
| 1         | <b>Hydel</b>           |       |                          |                      |                      |                        |                         |                                           |                                      |                                         |               |                        |                    |                               |
| i.        | WAPDA                  | Hydel | 6,902                    | 1,864,207,846        |                      | 213,605,279            | 213,605,279             | -                                         | -                                    | -                                       | -             | -                      | 213,605,279        | 213,605,279                   |
| ii.       | Jagran                 | Hydel | 30                       | 1,283,500            |                      | 2,564,433              | 2,564,433               | -                                         | -                                    | -                                       | -             | -                      | 2,564,433          | 2,564,433                     |
| iii.      | Pehure                 | Hydel | 18                       | 4,829,400            |                      | 1,376,379              | 1,376,379               | -                                         | -                                    | -                                       | -             | -                      | 1,376,379          | 1,376,379                     |
| iv.       | Malakand-III SHYDO     | Hydel | 81                       | 24,107,000           |                      | 6,026,750              | 6,026,750               | -                                         | -                                    | -                                       | -             | -                      | 6,026,750          | 6,026,750                     |
| v.        | Larab                  | Hydel | 84                       | 34,438,000           |                      | 14,147,130             | 14,147,130              | -                                         | -                                    | -                                       | -             | -                      | 14,147,130         | 14,147,130                    |
| vi.       | Star Hydro             | Hydel | 147                      | 21,900,700           |                      | 3,832,623              | 3,832,623               | -                                         | -                                    | -                                       | -             | -                      | 3,832,623          | 3,832,623                     |
| vii.      | Head Maralla           | Hydel | 8                        | 2,323,000            |                      | 406,525                | 406,525                 | -                                         | -                                    | -                                       | -             | -                      | 406,525            | 406,525                       |
| viii.     | Neelum Jhelum          | Hydel | 969                      | 195,052,200          |                      | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
| ix.       | Tarbela Ext. 4         | Hydel | 1,478                    | 415,826,000          |                      | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | <b>Hydel Total:</b>    |       | <b>8,239</b>             | <b>2,563,967,846</b> | <b>-</b>             | <b>241,959,119</b>     | <b>241,959,119</b>      | <b>-</b>                                  | <b>-</b>                             | <b>-</b>                                | <b>-</b>      | <b>-</b>               | <b>241,959,119</b> | <b>241,959,119</b>            |
|           | <b>Ex-WAPDA GENCOs</b> |       |                          |                      |                      |                        |                         |                                           |                                      |                                         |               |                        |                    |                               |
|           | <b>GENCO-I</b>         |       |                          |                      |                      |                        |                         |                                           |                                      |                                         |               |                        |                    |                               |
|           | Jamshoro Block 1       | RFO   | 205                      | (574,500)            | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Unit 1                 | Gas   |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Jamshoro Block 2       |       | 470                      | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Unit-2                 | RFO   |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Gas                    |       |                          | (574,500)            | (3,501,980)          | (53,141)               | (3,555,121)             | (16,292,618)                              | -                                    | (16,292,618)                            | -             | (19,794,598)           | (53,141)           | (19,847,739)                  |
|           | RLNG                   |       |                          | -                    | -                    | -                      | -                       | 129,548,144                               | -                                    | 129,548,144                             | -             | 129,548,144            | -                  | 129,548,144                   |
|           | Unit-3                 | RFO   |                          | -                    | -                    | -                      | -                       | 31,237,523                                | -                                    | 31,237,523                              | -             | 31,237,523             | -                  | 31,237,523                    |
|           | Gas                    |       |                          | 28,873,000           | 171,320,832          | 2,670,753              | 173,991,585             | (13,027,682)                              | -                                    | (13,027,682)                            | -             | 158,293,150            | 2,670,753          | 160,963,903                   |
|           | RLNG                   |       |                          | -                    | -                    | -                      | -                       | 116,087,302                               | -                                    | 116,087,302                             | -             | 116,087,302            | -                  | 116,087,302                   |
|           | Unit-4                 | Gas   |                          | 21,144,000           | 122,766,293          | 1,955,820              | 124,722,113             | (11,338,823)                              | -                                    | (11,338,823)                            | -             | 111,427,470            | 1,955,820          | 113,383,290                   |
|           | RLNG                   |       |                          | -                    | -                    | -                      | -                       | 88,491,028                                | -                                    | 88,491,028                              | -             | 88,491,028             | -                  | 88,491,028                    |
|           | Unit-4                 | RFO   |                          | -                    | -                    | -                      | -                       | 34,715,071                                | -                                    | 34,715,071                              | -             | 34,715,071             | -                  | 34,715,071                    |
|           | Gas                    |       | 107                      | 1,350,000            | 7,434,470            | 124,875                | 7,559,345               | -                                         | -                                    | -                                       | -             | 7,434,470              | 124,875            | 7,559,345                     |
|           | Jamshoro Block 4       | Gas   |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | <b>Jamshoro Total</b>  |       | <b>782</b>               | <b>50,218,000</b>    | <b>298,019,615</b>   | <b>4,698,306</b>       | <b>302,717,921</b>      | <b>359,419,945</b>                        | <b>-</b>                             | <b>359,419,945</b>                      | <b>-</b>      | <b>657,439,560</b>     | <b>4,698,306</b>   | <b>662,137,867</b>            |
|           | <b>GENCO-II</b>        |       |                          |                      |                      |                        |                         |                                           |                                      |                                         |               |                        |                    |                               |
|           | Guddu CC Block 1 (OC)  | Gas   | 390                      | 29,662,714           | 1,749,747,590        | 24,349,715             | 1,774,097,305           | -                                         | -                                    | -                                       | -             | 1,749,747,590          | 24,349,715         | 1,774,097,305                 |
|           | Central Block 2 (CC)   | Gas   |                          | 313,081,055          | 1,484,098,125        | 21,571,285             | 1,505,669,410           | -                                         | -                                    | -                                       | -             | 1,484,098,125          | 21,571,285         | 1,505,669,410                 |
|           | Guddu (OC) Block-2     | Gas   | 530                      | 10,662,831           | 75,816,994           | 734,669                | 734,669                 | -                                         | -                                    | -                                       | -             | 75,816,994             | 734,669            | 76,551,663                    |
|           | Block 3 (unit 3&4)     | Gas   |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Guddu 747 (CC)         | Gas   | 721                      | 451,691,000          | 1,577,190,557        | 135,416,962            | 1,712,607,519           | -                                         | -                                    | -                                       | -             | 1,577,190,557          | 135,416,962        | 1,712,607,519                 |
|           | <b>Central Total</b>   |       | <b>1,641</b>             | <b>805,097,600</b>   | <b>3,326,938,147</b> | <b>159,766,677</b>     | <b>3,486,704,824</b>    | <b>-</b>                                  | <b>-</b>                             | <b>-</b>                                | <b>-</b>      | <b>3,326,938,147</b>   | <b>159,766,677</b> | <b>3,486,704,824</b>          |
|           | <b>GENCO-III</b>       |       |                          |                      |                      |                        |                         |                                           |                                      |                                         |               |                        |                    |                               |
|           | Northern Block 1       |       |                          |                      |                      |                        |                         |                                           |                                      |                                         |               |                        |                    |                               |
|           | Unit 1                 | RFO   | 556                      | -                    | -                    | -                      | -                       | 10,071,200                                | -                                    | 10,071,200                              | -             | 10,071,200             | -                  | 10,071,200                    |
|           | Unit 2                 | RFO   |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Unit 3                 | RFO   |                          | -                    | -                    | -                      | -                       | 25,470,065                                | -                                    | 25,470,065                              | -             | 25,470,065             | -                  | 25,470,065                    |
|           | Unit 1                 | RLNG  |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Unit 2                 | RLNG  |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Unit 3                 | RLNG  |                          | -                    | -                    | -                      | -                       | 32,066                                    | -                                    | 32,066                                  | -             | 32,066                 | -                  | 32,066                        |
|           | Unit 3                 | RLNG  |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Northern Block 2       |       | 272                      | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Block-2 Unit 4         | RFO   |                          | -                    | -                    | -                      | -                       | 38,896,528                                | -                                    | 38,896,528                              | -             | 38,896,528             | -                  | 38,896,528                    |
|           | Block-2 Unit 4         | GAS   |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Block-2 Unit 4         | RLNG  |                          | -                    | -                    | -                      | -                       | 320,134                                   | -                                    | 320,134                                 | -             | 320,134                | -                  | 320,134                       |
|           | Northern Block 3       |       |                          |                      |                      |                        |                         |                                           |                                      |                                         |               |                        |                    |                               |
|           | Block-3 Unit 5         | RFO   | 355                      | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Block-3 Unit 5         | RLNG  |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Block-3 Unit 6         | RFO   |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Block-3 Unit 6         | RLNG  |                          | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Northern Block 4       | RLNG  | 117                      | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Northern Block 5       | RFO   | 97                       | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Northern Block 6       | Gas   | 75                       | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | Nandipur               | RLNG  | 411                      | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | <b>Northern Total:</b> |       | <b>1,884</b>             | <b>-</b>             | <b>-</b>             | <b>-</b>               | <b>-</b>                | <b>74,789,993</b>                         | <b>-</b>                             | <b>74,789,993</b>                       | <b>-</b>      | <b>74,789,993</b>      | <b>-</b>           | <b>74,789,993</b>             |
|           | <b>GENCO-IV</b>        |       |                          |                      |                      |                        |                         |                                           |                                      |                                         |               |                        |                    |                               |
|           | LAKHRA                 | Coal  | 31                       | -                    | -                    | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                  | -                             |
|           | <b>Sub-Total:</b>      |       | <b>31</b>                | <b>-</b>             | <b>-</b>             | <b>-</b>               | <b>-</b>                | <b>-</b>                                  | <b>-</b>                             | <b>-</b>                                | <b>-</b>      | <b>-</b>               | <b>-</b>           | <b>-</b>                      |
|           | <b>GENCOs Total:-</b>  |       | <b>4,337</b>             | <b>855,315,600</b>   | <b>3,624,957,762</b> | <b>164,464,983</b>     | <b>3,789,422,745</b>    | <b>434,209,939</b>                        | <b>-</b>                             | <b>434,209,939</b>                      | <b>-</b>      | <b>4,059,167,701</b>   | <b>164,464,983</b> | <b>4,223,632,684</b>          |



CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
For the Month of November 2018

| S.N<br>o. | Power Producer        | Fuel    | Dep.<br>Capacity<br>(MW) | Energy KWh    | Fuel Charges<br>Rs. | VO&M<br>Charges<br>Rs. | EPP Billing month (Rs.) | Prev. Adjustment in Fuel<br>Cost<br>(Rs.) | Prev. Adjustment in<br>VO&M<br>(Rs.) | Prev. Adjustment in EPP<br>Total<br>Rs. | Supp. Charges | Total Fuel Cost<br>Rs. | Total VO&M<br>Rs. | Total<br>Energy Cost<br>(Rs.) |
|-----------|-----------------------|---------|--------------------------|---------------|---------------------|------------------------|-------------------------|-------------------------------------------|--------------------------------------|-----------------------------------------|---------------|------------------------|-------------------|-------------------------------|
| 3         | IPPs                  |         |                          |               |                     |                        |                         |                                           |                                      |                                         |               |                        |                   |                               |
| Sub 1     | Kot Addu Block 1      | RFO     | 325                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
|           |                       | RLNG    |                          | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
|           |                       | HSD     |                          | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
|           | Kot Addu Block 2      | RFO     | 762                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
|           |                       | RLNG    |                          | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
|           |                       | HSD     |                          | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
|           | Kot Addu Block 3      | RLNG    | 249                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
|           |                       | HSD     |                          | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
|           | KAPCO Total           |         | 1,336                    | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 2         | Hub Power             | RFO     | 1,200                    | -             | -                   | -                      | -                       | 210,076,455                               | 2,978,577                            | 213,055,032                             | -             | 210,076,455            | 2,978,577         | 213,055,032                   |
| 3         | Kohinoor Energy       | RFO     | 124                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 4         | AES Lalpir            | RFO     | 350                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 5         | Pak Gen Power Limited | RFO     | 349                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 7         | Habibullah            | Gas     | 129                      | 65,947,520    | 337,967,850         | 38,216,588             | 376,184,438             | -                                         | -                                    | -                                       | -             | 337,967,850            | 38,216,588        | 376,184,438                   |
| 8         | Fauji Kabinwala       | Gas     | 151                      | -             | -                   | -                      | -                       | 259,313,961                               | -                                    | 259,313,961                             | -             | 259,313,961            | -                 | 259,313,961                   |
| 9         | Rousch                | RLNG    | 395                      | -             | -                   | -                      | -                       | 525,541,003                               | -                                    | 525,541,003                             | -             | 525,541,003            | -                 | 525,541,003                   |
| 10        | Saba Power            | RFO     | 126                      | 154,437       | 2,364,230           | 30,208                 | 2,394,438               | -                                         | -                                    | -                                       | -             | 2,364,230              | 30,208            | 2,394,438                     |
| 12        | Uch                   | Gas     | 551                      | -             | -                   | -                      | -                       | 1,063,920,189                             | -                                    | 1,063,920,189                           | 14,861,680    | 1,078,781,869          | -                 | 1,078,781,869                 |
| 13        | Altam                 | Gas     | 27                       | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 14        | Liberty               | Gas     | 212                      | 121,287,200   | 1,088,501,611       | 45,860,995             | 1,134,362,606           | -                                         | -                                    | -                                       | 102,072,827   | 1,190,574,438          | 45,860,995        | 1,236,435,433                 |
| 16        | Chashma Nuclear       | Nucl.   | 300                      | 200,414,000   | 187,467,256         | -                      | 187,467,256             | -                                         | -                                    | -                                       | -             | 187,467,256            | -                 | 187,467,256                   |
| 17        | Chashma Nuclear-II    | Nucl.   | 315                      | 204,730,000   | 140,629,037         | -                      | 140,629,037             | -                                         | -                                    | -                                       | -             | 140,629,037            | -                 | 140,629,037                   |
| 18        | Chashma Nuclear-III   | Nucl.   | 340                      | 209,192,000   | 234,232,282         | -                      | 234,232,282             | -                                         | -                                    | -                                       | -             | 234,232,282            | -                 | 234,232,282                   |
| 19        | Chashma Nuclear-IV    | Nucl.   | 340                      | 206,717,000   | 220,670,398         | -                      | 220,670,398             | -                                         | -                                    | -                                       | -             | 220,670,398            | -                 | 220,670,398                   |
| 20        | Tavanir Iran          | Import  | 96                       | 39,161,600    | 453,133,783         | -                      | 453,133,783             | -                                         | -                                    | -                                       | -             | 453,133,783            | -                 | 453,133,783                   |
|           | Sub-Total:            |         | 6,568                    | 1,047,603,757 | 2,664,966,447       | 84,107,791             | 2,749,074,238           | 2,058,851,608                             | 2,978,577                            | 2,061,830,185                           | 116,934,507   | 4,840,752,562          | 87,086,368        | 4,927,838,930                 |
| 1         | Attock-Gen            | RFO     | 156                      | -             | 5,326,790           | 81,108,746             | 6,024,067               | 87,132,813                                | -                                    | -                                       | -             | 81,108,746             | 6,024,067         | 87,132,813                    |
| 2         | Atlas Power           | RFO     | 214                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 3         | Nishat Power          | RFO     | 195                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 4         | Foundation Power      | Gas     | 171                      | 111,631,123   | 671,250,380         | 51,004,260             | 722,254,640             | -                                         | -                                    | -                                       | -             | 671,250,380            | 51,004,260        | 722,254,640                   |
| 5         | Orient                | RLNG    | 213                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 6         | Nishat Chunian        | HSD     | 196                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 7         | Saif Power            | RLNG    | 204                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 8         | Engro Energy          | HSD     | 213                      | 114,162,456   | 719,916,649         | 47,012,099             | 766,928,748             | -                                         | -                                    | -                                       | -             | 719,916,649            | 47,012,099        | 766,928,748                   |
| 9         | Sapphire Power        | RLNG    | 203                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 10        | Hubco Narowal         | RFO     | 214                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 11        | Liberty Power         | RFO     | 196                      | 841,478       | 11,526,352          | 1,038,384              | 12,564,736              | -                                         | -                                    | -                                       | -             | 11,526,352             | 1,038,384         | 12,564,736                    |
| 12        | Halmore               | RLNG    | 199                      | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 13        | Uch-II                | Gas     | 381                      | 243,079,859   | 1,396,366,555       | 33,885,332             | 1,430,251,887           | -                                         | -                                    | -                                       | -             | 1,396,366,555          | 33,885,332        | 1,430,251,887                 |
| 14        | JDW-II                | Bagasse | 26                       | 11,791,400    | 73,211,623          | 6,860,237              | 80,071,860              | -                                         | -                                    | -                                       | -             | 73,211,623             | 6,860,237         | 80,071,860                    |
| 15        | JDW-III               | Bagasse | 26                       | 16,333,450    | 101,412,758         | 9,502,801              | 110,915,559             | -                                         | -                                    | -                                       | -             | 101,412,758            | 9,502,801         | 110,915,559                   |
| 16        | RYK                   | Bagasse | 24                       | 5,845,200     | 36,292,262          | 3,400,737              | 39,693,000              | -                                         | -                                    | -                                       | -             | 36,292,262             | 3,400,737         | 39,693,000                    |
| 17        | Chiniot Power         | Bagasse | 62                       | 3,371,690     | 20,934,486          | 1,961,649              | 22,896,135              | -                                         | -                                    | -                                       | -             | 20,934,486             | 1,961,649         | 22,896,135                    |
| 21        | QATPL                 | RLNG    | 1,180                    | 297,816,630   | 3,031,580,867       | 94,378,090             | 3,125,958,957           | 1,854,975,738                             | 41,890,052                           | 1,896,865,790                           | -             | 4,886,556,605          | 136,268,142       | 5,022,824,747                 |
| 22        | Naveli Bahadur Shah   | RLNG    | 1,230                    | 541,627,100   | 5,452,804,647       | 170,395,885            | 5,623,200,532           | -                                         | -                                    | -                                       | -             | 5,452,804,647          | 170,395,885       | 5,623,200,532                 |
| 23        | Coal Fire Power Plant | Coal    | 1,320                    | 538,940,590   | 3,997,915,191       | 245,918,591            | 4,243,833,782           | -                                         | -                                    | -                                       | -             | 3,997,915,191          | 245,918,591       | 4,243,833,782                 |
| 24        | Gulf Power Gen        | RFO     | 62                       | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 25        | Reshman               | RFO     | 97                       | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 26        | Baloki                | RLNG    | 1,320                    | 460,304,772   | 4,690,294,703       | 144,673,790            | 4,834,968,493           | 44,369,129                                | -                                    | 44,369,129                              | -             | 4,734,663,832          | 144,673,790       | 4,879,337,622                 |
| 26A       |                       | HSD     |                          | -             | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 27        | Port Qasim            | Coal    | 1,320                    | 504,776,300   | 2,870,410,430       | 231,591,366            | 3,102,001,796           | 461,976,572                               | 3,417,083                            | 465,393,655                             | -             | 3,332,387,002          | 235,008,449       | 3,567,395,451                 |
|           | Sub-Total:            |         | 9,598                    | 2,878,209,428 | 23,290,744,096      | 1,060,656,680          | 24,351,400,776          | 2,361,321,439                             | 45,307,135                           | 2,406,628,574                           | -             | 25,652,065,534         | 1,105,963,816     | 26,758,029,350                |
|           | IPPs Total:-          |         | 16,166                   | 3,925,813,185 | 25,955,710,542      | 1,144,764,471          | 27,100,475,014          | 4,420,173,047                             | 48,285,712                           | 4,468,458,759                           | 116,934,507   | 30,492,818,096         | 1,193,050,184     | 31,685,868,280                |



**CENTRAL POWER PURCHASING AGENCY (CPPA)**  
**Energy Procurement Report (Provisional)**  
**For the Month of November 2018**

| For the Month of November 2018 |                        |       |                          |               |                     |                        |                         |                                           |                                      |                                         |               |                        |                   |                               |
|--------------------------------|------------------------|-------|--------------------------|---------------|---------------------|------------------------|-------------------------|-------------------------------------------|--------------------------------------|-----------------------------------------|---------------|------------------------|-------------------|-------------------------------|
| S.N<br>o.                      | Power Producer         | Fuel  | Dep.<br>Capacity<br>(MW) | Energy KWh    | Fuel Charges<br>Rs. | VO&M<br>Charges<br>Rs. | EPP Billing month (Rs.) | Prev. Adjustment in Fuel<br>Cost<br>(Rs.) | Prev. Adjustment in<br>VO&M<br>(Rs.) | Prev. Adjustment in EPP<br>Total<br>Rs. | Supp. Charges | Total Fuel Cost<br>Rs. | Total VO&M<br>Rs. | Total<br>Energy Cost<br>(Rs.) |
| 4                              | Others                 |       |                          |               |                     |                        |                         |                                           |                                      |                                         |               |                        |                   |                               |
| 1                              | TPS-Quetta             | Gas   | 25                       | (18,000)      | -                   | (154,800)              | (154,800)               | -                                         | -                                    | -                                       | -             | -                      | (154,800)         | (154,800)                     |
| 2                              | Zorlu                  | Wind  | 56                       | 4,333,300     | -                   | 28,600                 | 28,600                  | -                                         | -                                    | -                                       | -             | -                      | 28,600            | 28,600                        |
| 3                              | FFCEL                  | Wind  | 50                       | 3,566,380     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 4                              | FFCEL                  | Wind  | 50                       | 4,135,000     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 5                              | TGF                    | Wind  | 99                       | 8,047,500     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 6                              | Foundation             | Wind  | 50                       | 4,850,403     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 7                              | Saphire Wind Power     | Wind  | 50                       | 5,592,790     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 8                              | Younus Energy Ltd.,    | Wind  | 50                       | 6,861,750     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 9                              | Metro Wind Power       | Wind  | 50                       | 6,084,530     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 10                             | Gul Ahmad Wind Power   | Wind  | 50                       | 5,519,880     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 11                             | Master Wind Power      | Wind  | 50                       | 4,125,120     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 12                             | Tenaga Generasi        | Wind  | 31                       | 3,052,130     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 13                             | Tapal Wind             | Wind  | 50                       | 4,400,350     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 14                             | HDPPL Wind             | Wind  | 50                       | 5,399,041     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 15                             | SEDL Wind              | Wind  | 50                       | 8,426,379     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 16                             | UEPL Wind              | Wind  | 99                       | 11,215,620    | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 17                             | Quid-e-Azam Solar Park | Solar | 52                       | 11,215,620    | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 18                             | Appollo Solar Park     | Solar | 100                      | 11,306,920    | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 19                             | Best Green Energy      | Solar | 100                      | 11,244,930    | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 20                             | Crest Energy           | Solar | 100                      | 11,295,599    | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 21                             | Harappa                | Solar | 18                       | 1,704,600     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 22                             | Aj Solar               | Solar | 18                       | 1,260,050     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 23                             | AEP Wind               | Wind  | 50                       | 8,518,282     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 24                             | Jhampir Wind           | Wind  | 50                       | 7,312,500     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 25                             | HAWA Wind              | Wind  | 50                       | 8,582,690     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 26                             | TGT                    | Wind  | 50                       | 5,731,356     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 27                             | TGS                    | Wind  | 50                       | 5,395,041     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 28                             | Tricon Boston-A        | Wind  | 50                       | 5,423,811     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 29                             | Tricon Boston-B        | Wind  | 50                       | 5,639,802     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 30                             | Tricon Boston-C        | Wind  | 50                       | 6,076,929     | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 31                             | SPPs                   | Mixed | 257                      | 25,650,710    | 177,201,394         | -                      | 177,201,394             | -                                         | -                                    | -                                       | -             | 177,201,394            | (126,200)         | 177,075,193                   |
| Sub-Total                      |                        |       | 1,847                    | 200,537,193   | 177,201,394         | (126,200)              | 177,075,193             | 4,854,382,985                             | 48,285,712                           | 4,902,668,698                           | 116,934,507   | 34,729,187,190         | 1,599,348,085     | 36,328,535,276                |
| Total                          |                        |       | 30,590                   | 7,545,633,624 | 29,757,869,698      | 1,551,062,373          | 31,308,932,071          | 4,854,382,985                             | 48,285,712                           | 4,902,668,698                           | 116,934,507   | 34,729,187,190         | 1,599,348,085     | 36,328,535,276                |

|                                     |                  |                    |                            |                            |                            |                            |                                |                                     |                                            |
|-------------------------------------|------------------|--------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|-------------------------------------|--------------------------------------------|
| <b>Sr</b>                           | <b>Sl No.</b>    | <b>Description</b> | <b>Q1-2023<br/>Rs./KWh</b> | <b>Q2-2023<br/>Rs./KWh</b> | <b>Q3-2023<br/>Rs./KWh</b> | <b>Q4-2023<br/>Rs./KWh</b> | <b>Total Q1-Q4<br/>Rs./KWh</b> | <b>Avg Rate<br/>(Q1+Q2+Q3+Q4)/4</b> | <b>FCA Rate<br/>(Q1+Q2+Q3+Q4) x 0.9768</b> |
| Summary                             |                  |                    |                            |                            |                            |                            |                                |                                     |                                            |
| 1                                   | Hydel            | -                  | 2,563,967,646              | -                          | 241,959,119                | 241,959,119                | -                              | -                                   | 241,959,119                                |
| 2                                   | Coal             | -                  | 1,043,716,890              | 6,868,325,621              | 477,509,958                | 7,345,835,578              | 461,976,572                    | 3,417,083                           | 465,393,655                                |
| 3                                   | HSD              | -                  | -                          | -                          | -                          | -                          | -                              | -                                   | -                                          |
| 4                                   | F.O.             | 5,748,205          | 94,999,328                 | 7,092,659                  | 102,091,986                | 350,466,842                | 2,976,577                      | 353,445,419                         | 445,466,170                                |
| 5                                   | Gas              | 1,511,980,258      | 7,838,960,807              | 380,289,457                | 8,219,250,264              | 1,282,575,027              | 1,282,575,027                  | 116,934,507                         | 9,238,470,341                              |
| 6                                   | Nuclear          | 1,299,748,502      | 13,174,680,217             | 409,447,765                | 13,584,127,982             | 2,759,364,544              | 41,890,052                     | 2,801,254,596                       | 15,934,044,761                             |
| 7                                   | R/LNG            | 821,053,000        | 782,998,973                | -                          | 782,998,973                | -                          | -                              | -                                   | 782,998,973                                |
| 8                                   | Import from Iran | 39,161,600         | 453,133,783                | -                          | 453,133,783                | -                          | -                              | -                                   | 453,133,783                                |
| 9                                   | Wind Power       | 126,874,764        | -                          | 28,600                     | 28,600                     | -                          | -                              | -                                   | 28,600                                     |
| 10                                  | Solar            | 48,029,719         | -                          | -                          | -                          | -                          | -                              | -                                   | -                                          |
| 11                                  | Bagasse          | 59,702,330         | 367,569,576                | 34,734,816                 | 402,304,392                | -                          | -                              | -                                   | 367,569,576                                |
| 12                                  | Mixed            | 25,850,710         | 177,201,394                | -                          | 177,201,394                | -                          | -                              | -                                   | 177,201,394                                |
| Totals For The month                |                  |                    | 7,545,633,624              | 29,757,869,698             | 1,551,062,373              | 31,308,932,071             | 4,854,382,985                  | 48,285,712                          | 4,902,668,698                              |
| Prev. Adjustments :                 |                  |                    | -                          | 4,971,317,492              | 48,285,712                 | 5,019,603,205              | -                              | -                                   | -                                          |
| GRAND TOTALS :                      |                  |                    | 7,545,633,624              | 34,729,187,190             | 1,599,348,085              | 36,328,535,276             | -                              | -                                   | -                                          |
| Energy Cost (Rs.)                   |                  |                    |                            | 34,729,187,190             | 1,599,348,085              | 36,328,535,276             |                                |                                     |                                            |
| Cost not chargeable to DISCOs (Rs.) |                  |                    |                            | 217,119,453                | -                          | 217,119,453                |                                |                                     |                                            |
| EPP (Chargeable) (Rs.)              |                  |                    |                            | 34,512,067,737             | 1,599,348,085              | 36,111,415,823             |                                |                                     |                                            |
| Energy Sold (KWh)                   |                  |                    |                            | 7,318,158,439              | 7,318,158,439              | 7,318,158,439              |                                |                                     |                                            |
| Avg. Rate (Rs./KWh)                 |                  |                    |                            | 4.7159                     | 0.2185                     | 4.9345                     |                                |                                     |                                            |
| Reference Rate (Rs./KWh)            |                  |                    |                            | 5.0497                     |                            |                            |                                |                                     |                                            |
| FCA Rate (Rs./KWh)                  |                  |                    |                            | (0.3338)                   |                            |                            |                                |                                     |                                            |

### Detail Of Energy Supplemental Charges

|                |          |      |            |       |            |    |        |                    |               |
|----------------|----------|------|------------|-------|------------|----|--------|--------------------|---------------|
| Power Producer | Start-up | PLAC | Open Cycle | Bonus | Fuel Diff. | ED | Others | Total Supplemental | Supp. Charges |
|                |          |      |            |       |            |    |        |                    |               |

[illegible]



| Detail Of Energy Imported From Small Power Producers |                            |                   |             |             |                |
|------------------------------------------------------|----------------------------|-------------------|-------------|-------------|----------------|
| DISCO                                                | SPPs                       | Contract Capacity | Description | Nov, 18     | Rate (Rs./KWh) |
| FESCO                                                | Bhone sugar Mills          | 1.00              | Energy      | 2           | 6.29           |
|                                                      |                            |                   | Cost (Rs.)  | 13          |                |
|                                                      |                            | DISCOs Total:-    | 43.60       | Energy      | 2              |
|                                                      |                            |                   | Cost (Rs.)  | 13          |                |
| MEPCO                                                | Kumhar Wala Power House-II | 10.50             | Energy      | 844,000     |                |
|                                                      |                            |                   | Cost (Rs.)  | -           |                |
|                                                      |                            | DISCO's Total:-   | 34.00       | Energy      | 844,000        |
|                                                      |                            |                   | Cost (Rs.)  | -           |                |
| HESCO                                                | Thatta Power (Pvt.) Ltd.,  | 18.80             | Energy      | 897,800     | 6.80           |
|                                                      |                            |                   | Cost (Rs.)  | 6,105,040   |                |
|                                                      | Anoud Textile NCPP         | 10.00             | Energy      | 253,200     | 6.80           |
|                                                      |                            |                   | Cost (Rs.)  | 1,721,760   |                |
|                                                      | Agar Textile Mills         | 2.00              | Energy      | 7,968,576   | 7.80           |
|                                                      |                            |                   | Cost (Rs.)  | 62,154,893  |                |
|                                                      | Omni - 1 (NCPP)            | 10.00             | Energy      | (10,640)    |                |
|                                                      |                            |                   | Cost (Rs.)  | -           |                |
|                                                      | Omni - 2 (NCPP)            | 10.00             | Energy      | (10,192)    |                |
|                                                      |                            |                   | Cost (Rs.)  | -           |                |
|                                                      | Sanghar Sugar Mills        | 3.40              | Energy      | 731,504     | 6.29           |
|                                                      |                            |                   | Cost (Rs.)  | 4,601,160   |                |
|                                                      | Hi-Tech                    | 8.00              | Energy      | 682,720     | 7.80           |
|                                                      |                            |                   | Cost (Rs.)  | 5,325,216   |                |
| Lucky Cement Factory Ltd., N-Abad                    | 20.00                      | Energy            | 14,307,840  | 6.80        |                |
|                                                      |                            | Cost (Rs.)        | 97,293,312  |             |                |
|                                                      | DISCO's Total:-            | 105.00            | Energy      | 24,820,808  | 7.14           |
|                                                      |                            |                   | Cost (Rs.)  | 177,201,381 |                |
| SEPCO                                                | Dadu Energy (Piyaro Goth)  | 19.20             | Energy      | (3,700)     |                |
|                                                      |                            |                   | Cost (Rs.)  | -           |                |
|                                                      | Lodra Power (Shikarpur)    | 16.00             | Energy      | (10,400)    |                |
|                                                      |                            |                   | Cost (Rs.)  | -           |                |
|                                                      |                            | DISCO's Total:-   | 35.20       | Energy      | (14,100)       |
|                                                      |                            |                   | Cost (Rs.)  | -           |                |
| G-Total                                              |                            | 217.80            | Energy      | 25,650,710  | 6.91           |
|                                                      |                            |                   | Cost (Rs.)  | 177,201,394 |                |