



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

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Blue Area, Islamabad  
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No. CPPA-G/2019/CFO/3209-10

Dated: Feb 13<sup>th</sup>, 2019

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

**SUBJECT: ENERGY PURCHASE DATA FOR THE MONTH OF JANUARY, 2019.**

Please find annexed revised monthly purchase data for January, 2019 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.

For information & up to H.  
— SATFI  
Copy to: AD Genl. 13.02.19  
— DG (MSE)  
— SA (Tech)  
— ADG (Gen)  
— MF.  
Chairman  
MCT/M (MSE)  
M (Gen)  
M (Gen-1)

Chief Financial Officer

CC:

- Chief Executive Officer, CPPA-G.  
Master File

Senior Advisor Tariff-1  
Dy. No: 1542  
Date: 14-2-2019  
REGISTRAR  
Dy. No: 1364  
Date: 13-02-19

CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
For the Month of January 2019

| 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 (Rs.) | Prev. Adjustment in<br>VO&M (Rs.) | Prev. Adjustment in EPP<br>Total 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=I+J                         |
| 1         | <b>Hydel</b>            |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
| i.        | WAPDA                   | Hydel  | 5,902                    | 444,467,471          |                      | 40,930,214             | 40,930,214              | -                                      | -                                 | -                                    | -             | -                      | 40,930,214         | 40,930,214                    |
| ii.       | Jagran                  | Hydel  | 30                       | 219,700              |                      | 438,961                | 438,961                 | -                                      | -                                 | -                                    | -             | -                      | 438,961            | 438,961                       |
| iii.      | Pehure                  | Hydel  | 18                       | 1,420,200            |                      | 404,757                | 404,757                 | -                                      | -                                 | -                                    | -             | -                      | 404,757            | 404,757                       |
| iv.       | Malakand-III SHYDO      | Hydel  | 81                       | 15,050,000           |                      | 3,762,500              | 3,762,500               | -                                      | -                                 | -                                    | -             | -                      | 3,762,500          | 3,762,500                     |
| v.        | Laraib                  | Hydel  | 84                       | 983,290              |                      | 304,623                | 304,623                 | -                                      | -                                 | -                                    | -             | -                      | 304,623            | 304,623                       |
| vi.       | Star Hydro              | Hydel  | 147                      | 3,524,700            |                      | 616,823                | 616,823                 | -                                      | -                                 | -                                    | -             | -                      | 616,823            | 616,823                       |
| vii.      | Head Maralla            | Hydel  | 8                        | 347,000              |                      | 60,725                 | 60,725                  | -                                      | -                                 | -                                    | -             | -                      | 60,725             | 60,725                        |
| viii.     | Neelum Jhelum           | Hydel  | 969                      | 11,605,700           |                      | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
| ix.       | Tarbela Ext. 4          | Hydel  | 1,478                    | -                    |                      | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>Hydel Total:</b>     |        | <b>8,239</b>             | <b>477,818,061</b>   |                      | <b>46,518,602</b>      | <b>46,518,602</b>       |                                        |                                   |                                      |               |                        | <b>46,518,602</b>  | <b>46,518,602</b>             |
|           | <b>Ex-WAPDA GENCOs</b>  |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | <b>GENCO-I</b>          |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Jamshoro Block 1        | RFO    | 205                      | (583,500)            | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Unit 1                  | Gas    |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Jamshoro Block 2        | Unit-2 | 470                      | (124,000)            | (2,465,294)          | (11,470)               | (2,476,764)             | -                                      | -                                 | -                                    | -             | (2,465,294)            | (11,470)           | (2,476,764)                   |
|           |                         | Gas    |                          | (317,500)            | (1,935,385)          | (29,369)               | (1,964,754)             | -                                      | -                                 | -                                    | -             | (1,935,385)            | (29,369)           | (1,964,754)                   |
|           |                         | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Unit-3                  | RFO    |                          | 21,075,377           | 419,325,341          | 2,004,972              | 421,330,313             | -                                      | -                                 | -                                    | -             | 419,325,341            | 2,004,972          | 421,330,313                   |
|           |                         | Gas    |                          | 3,662,123            | 21,729,573           | 338,746                | 22,068,319              | -                                      | -                                 | -                                    | -             | 21,729,573             | 338,746            | 22,068,319                    |
|           |                         | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Unit-4                  | Gas    |                          | (199,500)            | (1,158,337)          | (18,454)               | (1,176,791)             | -                                      | -                                 | -                                    | -             | (1,158,337)            | (18,454)           | (1,176,791)                   |
|           |                         | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Unit-4                  | RFO    |                          | (266,000)            | (5,037,588)          | (24,605)               | (5,062,193)             | -                                      | -                                 | -                                    | -             | (5,037,588)            | (24,605)           | (5,062,193)                   |
|           |                         | Gas    |                          | (99,000)             | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Kotri 3-7               | Gas    | 107                      | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Jamshoro Block 4        | Gas    |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>Jamshoro Total</b>   |        | <b>762</b>               | <b>23,748,000</b>    | <b>430,458,310</b>   | <b>2,259,821</b>       | <b>432,718,131</b>      |                                        |                                   |                                      |               | <b>430,458,310</b>     | <b>2,259,821</b>   | <b>432,718,131</b>            |
|           | <b>GENCO-II</b>         |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Guddu CC Block 1 (CC)   | Gas    | 390                      | 79,835,874           | 1,927,047,294        | 25,714,190             | 1,952,761,484           | -                                      | -                                 | -                                    | -             | 1,927,047,294          | 25,714,190         | 1,952,761,484                 |
|           | Central Block 2 (CC)    | Gas    |                          | 282,641,183          | 1,339,804,000        | 19,473,978             | 1,359,277,978           | -                                      | -                                 | -                                    | -             | 1,339,804,000          | 19,473,978         | 1,359,277,978                 |
|           | Guddu (CC) Block-2      | Gas    | 530                      | 10,733,243           | 76,317,651           | 739,520                | 77,057,171              | -                                      | -                                 | -                                    | -             | 76,317,651             | 739,520            | 77,057,171                    |
|           | Block 3 (unit 3&4)      | Gas    |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Guddu 747 (CC)          | Gas    | 721                      | 348,638,000          | 1,213,890,290        | 156,597,139            | 1,369,487,430           | -                                      | -                                 | -                                    | -             | 1,213,890,290          | 156,597,139        | 1,369,487,430                 |
|           | <b>Central Total</b>    |        | <b>1,641</b>             | <b>721,848,300</b>   | <b>3,140,937,584</b> | <b>181,311,329</b>     | <b>3,322,248,913</b>    |                                        |                                   |                                      |               | <b>3,140,937,584</b>   | <b>181,311,329</b> | <b>3,322,248,913</b>          |
|           | <b>GENCO-III</b>        |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | <b>Northern Block 1</b> |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Unit 1                  | RFO    | 556                      | 56,181,946           | 901,669,963          | 7,989,072              | 909,659,035             | -                                      | -                                 | -                                    | -             | 901,669,963            | 7,989,072          | 909,659,035                   |
|           | Unit 2                  | RFO    |                          | 55,988,794           | 910,520,912          | 7,961,607              | 918,482,519             | -                                      | -                                 | -                                    | -             | 910,520,912            | 7,961,607          | 918,482,519                   |
|           | Unit 3                  | RFO    |                          | 69,270,750           | 1,079,765,999        | 9,850,301              | 1,089,616,300           | -                                      | -                                 | -                                    | -             | 1,079,765,999          | 9,850,301          | 1,089,616,300                 |
|           | Unit 1                  | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Unit 2                  | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Unit 3                  | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Unit 3                  | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>Northern Block 2</b> |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Block-2 Unit 4          | RFO    | 272                      | 80,432,929           | 1,252,789,393        | 11,437,563             | 1,264,226,956           | -                                      | -                                 | -                                    | -             | 1,252,789,393          | 11,437,563         | 1,264,226,956                 |
|           | Block-2 Unit 4          | GAS    |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Block-2 Unit 4          | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>Northern Block 3</b> |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Block-3 Unit 5          | RFO    | 355                      | 45,681,591           | 765,109,117          | 6,495,921              | 771,605,038             | -                                      | -                                 | -                                    | -             | 765,109,117            | 6,495,921          | 771,605,038                   |
|           | Block-3 Unit 5          | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | Block-3 Unit 6          | RFO    |                          | 24,558,558           | 411,867,942          | 3,492,227              | 415,360,169             | -                                      | -                                 | -                                    | -             | 411,867,942            | 3,492,227          | 415,360,169                   |
|           | Block-3 Unit 6          | RLNG   |                          | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>Northern Block 4</b> |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Block-3 Unit 6          | RLNG   | 117                      | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>Northern Block 5</b> |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Block-3 Unit 6          | RFO    | 97                       | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>Northern Block 6</b> |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Block-3 Unit 6          | Gas    | 75                       | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>Nandipur</b>         |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Block-3 Unit 6          | RLNG   | 411                      | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>Northern Total:</b>  |        | <b>1,884</b>             | <b>332,114,568</b>   | <b>5,321,723,326</b> | <b>47,226,691</b>      | <b>5,368,950,017</b>    |                                        |                                   |                                      |               | <b>5,321,723,326</b>   | <b>47,226,691</b>  | <b>5,368,950,017</b>          |
|           | <b>GENCO-IV</b>         |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | <b>LAKHRA</b>           |        |                          |                      |                      |                        |                         |                                        |                                   |                                      |               |                        |                    |                               |
|           | Sub-Total:              | Coal   | 31                       | -                    | -                    | -                      | -                       | -                                      | -                                 | -                                    | -             | -                      | -                  | -                             |
|           | <b>GENCOs Total:-</b>   |        | <b>4,337</b>             | <b>1,077,710,868</b> | <b>8,893,119,220</b> | <b>230,797,841</b>     | <b>9,123,917,062</b>    |                                        |                                   |                                      |               | <b>8,893,119,220</b>   | <b>230,797,841</b> | <b>9,123,917,062</b>          |

CENTRAL POWER PURCHASING AGENCY (CPPA)  
Energy Procurement Report (Provisional)  
For the Month of January 2019

| S.N. o. | Power Producer        | Fuel    | Dep. Capacity (MW) | Energy KWh    | Fuel Charges Rs. | VO&M Charges Rs. | EPP Billing month (Rs.) | Prev. Adjustment in Fuel Cost (Rs.) | Prev. Adjustment in VO&M (Rs.) | Prev. Adjustment in EPP Total Rs. | Supp. Charges | Total Fuel Cost Rs. | Total VO&M Rs. | Total Energy Cost (Rs.) |
|---------|-----------------------|---------|--------------------|---------------|------------------|------------------|-------------------------|-------------------------------------|--------------------------------|-----------------------------------|---------------|---------------------|----------------|-------------------------|
| 3       | IPPs                  |         |                    |               |                  |                  |                         |                                     |                                |                                   |               |                     |                |                         |
| Sub 1   | Kot Addu Block 1      | RFO     | 325                | 169,691,100   | 2,181,939,330    | 101,457,801      | 2,283,397,131           | -                                   | -                              | -                                 | -             | 2,181,939,330       | 101,457,801    | 2,283,397,131           |
|         |                       | RLNG    |                    | 1,924,100     | 21,592,511       | 665,357          | 22,257,868              | -                                   | -                              | -                                 | -             | 21,592,511          | 665,357        | 22,257,868              |
|         |                       | HSD     |                    | 234,700       | 3,236,843        | 81,603           | 3,318,446               | -                                   | -                              | -                                 | -             | 3,236,843           | 81,603         | 3,318,446               |
|         | Kot Addu Block 2      | RFO     | 762                | 167,308,200   | 2,337,248,162    | 140,660,992      | 2,477,909,154           | -                                   | -                              | -                                 | -             | 2,337,248,162       | 140,660,992    | 2,477,909,154           |
|         |                       | RLNG    |                    | 4,293,600     | 52,849,312       | 1,736,711        | 54,586,023              | -                                   | -                              | -                                 | -             | 52,849,312          | 1,736,711      | 54,586,023              |
|         |                       | HSD     |                    | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
|         | Kot Addu Block 3      | RLNG    | 249                | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
|         |                       | HSD     |                    | 1,047,100     | 16,393,190       | 1,236,203        | 17,629,393              | -                                   | -                              | -                                 | -             | 16,393,190          | 1,236,203      | 17,629,393              |
|         | KAPCO Total           |         | 1,336              | 344,498,800   | 4,613,259,348    | 245,838,667      | 4,859,098,015           | -                                   | -                              | -                                 | -             | 4,613,259,348       | 245,838,667    | 4,859,098,015           |
| 2       | Hub Power             | RFO     | 1,200              | 172,130,100   | 2,569,351,152    | 37,003,764       | 2,606,354,916           | -                                   | -                              | -                                 | -             | 2,569,351,152       | 37,003,764     | 2,606,354,916           |
| 3       | Kohinoor Energy       | RFO     | 124                | 60,058,000    | 680,677,614      | 47,195,370       | 727,872,983             | -                                   | -                              | -                                 | -             | 680,677,614         | 47,195,370     | 727,872,983             |
| 4       | AES Lalpir            | RFO     | 350                | 147,353,800   | 1,879,580,532    | 32,902,335       | 1,912,482,867           | -                                   | -                              | -                                 | -             | 1,879,580,532       | 32,902,335     | 1,912,482,867           |
| 5       | Pak Gen Power Limited | RFO     | 349                | 136,325,500   | 1,865,284,233    | 30,866,424       | 1,896,170,657           | -                                   | -                              | -                                 | -             | 1,865,284,233       | 30,866,424     | 1,896,170,657           |
| 7       | Habibullah            | Gas     | 129                | 65,195,741    | 334,115,133      | 43,035,709       | 377,150,842             | -                                   | -                              | -                                 | -             | 334,115,133         | 43,035,709     | 377,150,842             |
| 8       | Fauji Kabiwala        | Gas     | 151                | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
| 9       | Rousch                | RLNG    | 395                | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
| 10      | Saba Power            | RFO     | 126                | 41,615,480    | 577,789,324      | 9,296,898        | 587,086,223             | -                                   | -                              | -                                 | -             | 577,789,324         | 9,296,898      | 587,086,223             |
| 12      | Uch                   | Gas     | 551                | 392,511,000   | 1,390,266,967    | 122,149,423      | 1,512,416,390           | -                                   | -                              | -                                 | -             | 1,390,266,967       | 122,149,423    | 1,512,416,390           |
| 13      | Altern                | Gas     | 27                 | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
| 14      | Liberty               | Gas     | 212                | 36,488,700    | 786,320,705      | 15,757,037       | 802,077,742             | -                                   | -                              | -                                 | 31,177,197    | 817,497,902         | 15,757,037     | 833,254,939             |
| 16      | Ghashma Nuclear       | Nucl.   | 300                | 220,708,000   | 206,450,263      | -                | 206,450,263             | -                                   | -                              | -                                 | -             | 206,450,263         | -              | 206,450,263             |
| 17      | Ghashma Nuclear-II    | Nucl.   | 315                | 227,388,000   | 156,192,817      | -                | 156,192,817             | -                                   | -                              | -                                 | -             | 156,192,817         | -              | 156,192,817             |
| 18      | Ghashma Nuclear-III   | Nucl.   | 340                | 228,839,000   | 256,231,028      | -                | 256,231,028             | -                                   | -                              | -                                 | -             | 256,231,028         | -              | 256,231,028             |
| 19      | Ghashma Nuclear-IV    | Nucl.   | 340                | 228,680,000   | 244,115,900      | -                | 244,115,900             | -                                   | -                              | -                                 | -             | 244,115,900         | -              | 244,115,900             |
| 20      | Tavanir Iran          | Import  | 96                 | 35,036,800    | 405,406,258      | -                | 405,406,258             | -                                   | -                              | -                                 | -             | 405,406,258         | -              | 405,406,258             |
|         | Sub-Total:            |         | 6,568              | 2,338,828,921 | 15,965,041,274   | 584,065,627      | 16,549,106,901          | -                                   | -                              | -                                 | 31,177,197    | 15,996,218,471      | 584,065,627    | 16,580,284,098          |
| 1       | Attock-Gen            | RFO     | 156                | 73,008,133    | 628,723,342      | 90,586,026       | 719,309,370             | -                                   | -                              | -                                 | -             | 628,723,342         | 90,586,026     | 719,309,370             |
| 2       | Atlas Power           | RFO     | 214                | 89,633,712    | 1,075,244,686    | 109,622,030      | 1,184,866,716           | 7,556,807                           | 612,358                        | 8,169,165                         | -             | 1,082,801,493       | 110,234,388    | 1,193,035,881           |
| 3       | Nishat Power          | RFO     | 195                | 66,955,357    | 858,360,038      | 81,879,674       | 940,239,712             | -                                   | -                              | -                                 | -             | 858,360,038         | 81,879,674     | 940,239,712             |
| 4       | Foundation Power      | Gas     | 171                | 118,759,573   | 704,835,408      | 59,680,345       | 764,515,753             | -                                   | -                              | -                                 | -             | 704,835,408         | 59,680,345     | 764,515,753             |
| 5       | Orient                | RLNG    | 213                | 27,510,482    | 339,358,202      | 8,217,375        | 347,575,577             | (34,766,658)                        | -                              | (34,766,658)                      | -             | 304,591,544         | 8,217,375      | 312,808,919             |
|         |                       | HSD     |                    | 3,084,272     | 66,629,959       | 1,510,368        | 68,140,327              | -                                   | -                              | -                                 | -             | 66,629,959          | 1,510,368      | 68,140,327              |
| 6       | Nishat Chunian        | RFO     | 196                | 66,459,572    | 1,017,259,027    | 81,087,324       | 1,098,346,351           | -                                   | -                              | -                                 | -             | 1,017,259,027       | 81,087,324     | 1,098,346,351           |
| 7       | Saif Power            | RLNG    | 204                | 18,647,267    | 231,161,719      | 9,476,541        | 240,638,260             | -                                   | -                              | -                                 | -             | 231,161,719         | 9,476,541      | 240,638,260             |
|         |                       | HSD     |                    | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
| 8       | Engro Energy          | Gas     | 213                | 110,874,295   | 707,308,664      | 49,261,449       | 756,570,113             | -                                   | -                              | -                                 | -             | 707,308,664         | 49,261,449     | 756,570,113             |
|         |                       | HSD     |                    | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
|         |                       | RLNG    |                    | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
| 9       | Sapphire Power        | HSD     | 203                | 1,232,280     | 20,031,425       | 893,896          | 20,925,321              | -                                   | -                              | -                                 | -             | 20,031,425          | 893,896        | 20,925,321              |
| 10      | Hubco Narowal         | RFO     | 214                | 79,826,853    | 1,060,933,587    | 89,086,889       | 1,150,020,476           | -                                   | -                              | -                                 | -             | 1,060,933,587       | 89,086,889     | 1,150,020,476           |
| 11      | Liberty Power         | RFO     | 196                | 93,733,603    | 1,150,168,226    | 126,437,257      | 1,276,605,483           | -                                   | -                              | -                                 | -             | 1,150,168,226       | 126,437,257    | 1,276,605,483           |
|         |                       | RLNG    |                    | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
| 12      | Halmore               | HSD     | 199                | 1,205,684     | 24,144,201       | 888,589          | 25,032,790              | -                                   | -                              | -                                 | -             | 24,144,201          | 888,589        | 25,032,790              |
| 13      | Uch-II                | Gas     | 381                | 260,739,000   | 1,598,500,320    | 36,317,362       | 1,634,817,682           | -                                   | -                              | -                                 | -             | 1,598,500,320       | 36,317,362     | 1,634,817,682           |
| 14      | JDW-II                | Bagasse | 26                 | 15,126,000    | 93,915,821       | 9,645,850        | 103,561,672             | -                                   | -                              | -                                 | -             | 93,915,821          | 9,645,850      | 103,561,672             |
| 15      | JDW-III               | Bagasse | 26                 | 15,390,280    | 95,556,709       | 9,814,382        | 105,371,091             | -                                   | -                              | -                                 | -             | 95,556,709          | 9,814,382      | 105,371,091             |
| 16      | RYK                   | Bagasse | 24                 | 13,809,000    | 85,738,700       | 8,034,076        | 93,772,776              | -                                   | -                              | -                                 | -             | 85,738,700          | 8,034,076      | 93,772,776              |
| 17      | Chiniot Power         | Bagasse | 62                 | 25,765,130    | 159,973,116      | 14,990,153       | 174,963,268             | -                                   | -                              | -                                 | -             | 159,973,116         | 14,990,153     | 174,963,268             |
| 18      | Fatima Energy         | Bagasse | 119                | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
|         |                       | Coal    |                    | -             | -                | -                | -                       | -                                   | -                              | -                                 | -             | -                   | -              | -                       |
| 19      | Hamza Sugar Mills     | Bagasse | 15                 | 8,008,890     | 49,726,397       | 4,659,572        | 54,385,969              | -                                   | -                              | -                                 | -             | 49,726,397          | 4,659,572      | 54,385,969              |
| 20      | Layyah Sugar Mills    | Bagasse | 41                 | 8,324,450     | 49,798,525       | 3,820,923        | 53,619,448              | -                                   | -                              | -                                 | -             | 49,798,525          | 3,820,923      | 53,619,448              |
| 21      | QATPL                 | RLNG    | 1,180              | 242,953,300   | 2,575,770,316    | 76,991,901       | 2,652,762,217           | 41,651,882                          | -                              | 41,651,882                        | -             | 2,611,422,198       | 76,991,901     | 2,688,414,099           |
| 21A     |                       | HSD     |                    | 1,086,600     | 23,155,953       | 344,977          | 23,500,930              | -                                   | -                              | -                                 | -             | 23,155,953          | 344,977        | 23,500,930              |
| 22      | Haveli Bahadur Shah   | RLNG    | 1,230              | 437,796,400   | 4,601,754,957    | 137,730,748      | 4,739,485,705           | 601,063,910                         | -                              | 601,063,910                       | -             | 5,202,818,867       | 137,730,748    | 5,340,549,615           |
| 22A     |                       | HSD     |                    | 2,177,600     | 32,610,304       | 988,630          | 33,598,934              | -                                   | -                              | -                                 | -             | 32,610,304          | 988,630        | 33,598,934              |
| 23      | Coal Fire Power Plant | Coal    | 1,320              | 710,738,001   | 5,596,573,414    | 333,046,585      | 5,929,619,999           | -                                   | -                              | -                                 | -             | 5,596,573,414       | 333,046,585    | 5,929,619,999           |
| 25      | Reshman               | RFO     | 97                 | 3,148,430     | 58,211,637       | 3,237,216        | 61,448,853              | -                                   | -                              | -                                 | -             | 58,211,637          | 3,237,216      | 61,448,853              |
| 26      | Baloki                | RLNG    | 1,320              | 405,121,360   | 4,186,446,475    | 127,329,644      | 4,313,776,119           | 45,019,503                          | -                              | 45,019,503                        | -             | 4,231,465,978       | 127,329,644    | 4,358,795,622           |
| 26A     |                       | HSD     |                    | 2,192,500     | 40,756,700       | 994,299          | 41,750,999              | -                                   | -                              | -                                 | -             | 40,756,700          | 994,299        | 41,750,999              |
| 27      | Port Qasim            | Coal    | 1,320              | 741,062,100   | 4,264,664,173    | 349,188,462      | 4,613,852,635           | -                                   | -                              | -                                 | -             | 4,264,664,173       | 349,188,462    | 4,613,852,635           |
|         | Sub-Total:            |         | 9,598              | 3,644,372,224 | 31,697,312,002   | 1,825,762,544    | 33,523,074,546          | 660,525,444                         | 612,358                        | 661,137,802                       | -             | 32,357,837,446      | 1,826,374,903  | 34,184,212,348          |
|         | IPPs Total:-          |         | 16,166             | 5,983,201,145 | 47,662,353,276   | 2,409,828,171    | 50,072,181,447          | 660,525,444                         | 612,358                        | 661,137,802                       | 31,177,197    | 48,354,055,917      | 2,410,440,529  | 50,764,496,446          |

## For the Month of January 2019

| 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                       | (41,000)                            | -                   | (352,800)              | (352,600)               | -                                         | -                                    | -                                       | -             | -                      | (352,600)         | (352,600)                     |
| 2         | Zorlu                  | Wind  | 56                       | 5,530,120                           | -                   | 36,499                 | 36,499                  | -                                         | -                                    | -                                       | -             | -                      | 36,499            | 36,499                        |
| 3         | FFCEL                  | Wind  | 50                       | 4,953,960                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 4         | TGP                    | Wind  | 50                       | 5,112,200                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 5         | Foundation             | Wind  | 99                       | 10,643,990                          | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 6         | Sapphire Wind Power    | Wind  | 50                       | 5,845,842                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 7         | Yousuf Energy Ltd.     | Wind  | 50                       | 7,247,550                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 8         | Metro Wind Power       | Wind  | 50                       | 8,486,370                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 9         | Gul Ahmad Wind Power   | Wind  | 50                       | 7,571,590                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 10        | Master Wind Power      | Wind  | 50                       | 6,395,264                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 11        | Tenaga Generasi        | Wind  | 50                       | 5,536,060                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 12        | Tapal Wind             | Wind  | 31                       | 3,497,800                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 13        | HDPPL Wind             | Wind  | 50                       | 5,385,400                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 14        | SEDL Wind              | Wind  | 50                       | 6,316,095                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 15        | UEPL Wind              | Wind  | 99                       | 9,278,159                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 16        | Guid-e-Azam Solar Park | Solar | 52                       | 9,929,400                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 17        | Appollo Solar Park     | Solar | 100                      | 10,178,020                          | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 18        | Best Green Energy      | Solar | 100                      | 10,183,890                          | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 19        | Crest Energy           | Solar | 100                      | 10,291,580                          | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 20        | Harappa                | Solar | 18                       | 1,478,590                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 21        | Aj Solar               | Solar | 18                       | 1,134,320                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 22        | AEP Wind               | Wind  | 50                       | 10,035,040                          | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 23        | Jhampir Wind           | Wind  | 50                       | 9,498,130                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 24        | HAWA Wind              | Wind  | 50                       | 10,884,730                          | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 25        | TGT                    | Wind  | 50                       | 6,610,252                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 26        | TGS                    | Wind  | 50                       | 6,288,994                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 27        | Tricon Boston-A        | Wind  | 50                       | 6,703,305                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 28        | Tricon Boston-B        | Wind  | 50                       | 6,996,231                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 29        | Tricon Boston-C        | Wind  | 50                       | 7,469,231                           | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 30        | ZEPHYR Wind            | Wind  | 2                        | -                                   | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 31        | SPPs                   | Mixed | 257                      | 25,622,183                          | 171,048,314         | -                      | 171,048,314             | -                                         | -                                    | -                                       | -             | 171,048,314            | -                 | 171,048,314                   |
|           | Sub-Total              |       | 1,847                    | 225,043,338                         | 171,048,314         | (316,101)              | 170,732,213             | -                                         | -                                    | -                                       | -             | 171,048,314            | (316,101)         | 170,732,213                   |
|           | G-total:               |       | 30,590                   | 7,763,573,412                       | 56,726,520,811      | 2,686,828,513          | 59,413,349,324          | 660,525,444                               | 612,358                              | 661,137,802                             | 31,177,197    | 57,418,223,452         | 2,687,440,871     | 60,105,664,323                |
| Primary   |                        |       |                          |                                     |                     |                        |                         |                                           |                                      |                                         |               |                        |                   |                               |
| 1         | Hydel                  |       |                          | 477,618,061                         | -                   | 46,518,602             | 46,518,602              | -                                         | -                                    | -                                       | -             | -                      | 46,518,602        | 46,518,602                    |
| 2         | Coal                   |       |                          | 1,451,800,101                       | 9,861,237,587       | 682,235,047            | 10,543,472,634          | -                                         | -                                    | -                                       | -             | 9,861,237,587          | 682,235,047       | 10,543,472,634                |
| 3         | WSD                    |       |                          | 12,262,736                          | 226,958,575         | 6,938,565              | 233,897,140             | -                                         | -                                    | -                                       | -             | 226,958,575            | 6,938,565         | 233,897,140                   |
| 4         | F.O.                   |       |                          | 1,722,064,385                       | 23,974,316,675      | 1,030,535,590          | 25,004,852,265          | 7,556,807                                 | 612,358                              | 8,169,165                               | -             | 23,981,873,482         | 1,031,147,948     | 25,013,021,430                |
| 5         | Gas                    |       |                          | 1,709,421,732                       | 8,680,920,633       | 507,450,978            | 9,188,371,610           | -                                         | -                                    | -                                       | 31,177,197    | 8,712,097,830          | 507,450,978       | 9,219,548,807                 |
| 6         | RLNG                   |       |                          | 1,138,246,509                       | 12,008,933,492      | 362,148,277            | 12,371,081,769          | 652,968,637                               | -                                    | 652,968,637                             | -             | 12,661,902,129         | 362,148,277       | 13,024,050,406                |
| 7         | Nuclear                |       |                          | 905,615,000                         | 862,990,008         | -                      | 862,990,008             | -                                         | -                                    | -                                       | -             | 862,990,008            | -                 | 862,990,008                   |
| 8         | Import from Iran       |       |                          | 35,038,800                          | 405,406,258         | -                      | 405,406,258             | -                                         | -                                    | -                                       | -             | 405,406,258            | -                 | 405,406,258                   |
| 9         | Wind Power             |       |                          | 156,266,355                         | -                   | 36,499                 | 36,499                  | -                                         | -                                    | -                                       | -             | -                      | 36,499            | 36,499                        |
| 10        | Solar                  |       |                          | 43,195,800                          | -                   | -                      | -                       | -                                         | -                                    | -                                       | -             | -                      | -                 | -                             |
| 11        | Bagasse                |       |                          | 86,423,750                          | 534,709,269         | 50,964,956             | 585,674,224             | -                                         | -                                    | -                                       | -             | 534,709,269            | 50,964,956        | 585,674,224                   |
| 10        | Mixed                  |       |                          | 25,622,183                          | 171,048,314         | -                      | 171,048,314             | -                                         | -                                    | -                                       | -             | 171,048,314            | -                 | 171,048,314                   |
|           | Totals For The month   |       |                          | 7,763,573,412                       | 56,726,520,811      | 2,686,828,513          | 59,413,349,324          | 660,525,444                               | 612,358                              | 661,137,802                             | 31,177,197    | 57,418,223,452         | 2,687,440,871     | 60,105,664,323                |
|           | Prev. Adjustments :    |       |                          |                                     | 691,702,641         | 612,358                | 692,314,999             |                                           |                                      |                                         |               |                        |                   |                               |
|           | GRAND TOTALS :         |       |                          | 7,763,573,412                       | 57,418,223,452      | 2,687,440,871          | 60,105,664,323          |                                           |                                      |                                         |               |                        |                   |                               |
|           |                        |       |                          | Energy Cost (Rs.)                   | 57,418,223,452      | 2,687,440,871          | 60,105,664,323          |                                           |                                      |                                         |               |                        |                   |                               |
|           |                        |       |                          | Cost not chargeable to DISCOs (Rs.) | 291,037,990         | -                      | 291,037,990             |                                           |                                      |                                         |               |                        |                   |                               |
|           |                        |       |                          | EPP (Chargeable) (Rs.)              | 57,127,185,462      | 2,687,440,871          | 59,814,626,333          |                                           |                                      |                                         |               |                        |                   |                               |
|           |                        |       |                          | Energy Sold (KWh)                   | 7,423,107,808       | 7,423,107,808          | 7,423,107,808           |                                           |                                      |                                         |               |                        |                   |                               |
|           |                        |       |                          | Avg. Rate (Rs./KWh)                 | 7.6959              | 0.3620                 | 8.0579                  |                                           |                                      |                                         |               |                        |                   |                               |
|           |                        |       |                          | Reference. Rate (Rs./KWh)           | 5.7576              |                        |                         |                                           |                                      |                                         |               |                        |                   |                               |
|           |                        |       |                          | FCA. Rate (Rs./KWh)                 | 1.9382              |                        |                         |                                           |                                      |                                         |               |                        |                   |                               |

| Detail Of Energy Imported From Small Power Producers |                                   |                   |             |             |                |
|------------------------------------------------------|-----------------------------------|-------------------|-------------|-------------|----------------|
| DISCO                                                | SPPs                              | Contract Capacity | Description | Jan, 19     | Rate (Rs./KWh) |
| FESCO                                                | Noon sugar Mills                  | 7.00              | Energy      | 851,510     | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 5,355,998   |                |
|                                                      | Bhone sugar Mills                 | 1.00              | Energy      | 3           | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 19          |                |
|                                                      | DISCOs Total:-                    | 43.60             | Energy      | 851,513     | 7.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 5,356,017   |                |
| MEPCO                                                | Kumhar Wala Power House-I         | 5.00              | Energy      | (7,320)     |                |
|                                                      |                                   |                   | Cost (Rs.)  | -           |                |
|                                                      | DISCO's Total:-                   | 34.00             | Energy      | (7,320)     | 0.00           |
|                                                      |                                   |                   | Cost (Rs.)  | -           |                |
| HESCO                                                | Thatta Power (Pvt.) Ltd.,         | 18.80             | Energy      | 35,000      | 6.80           |
|                                                      |                                   |                   | Cost (Rs.)  | 238,000     |                |
|                                                      | Anoud Textile NCPP                | 10.00             | Energy      | 305,504     | 6.80           |
|                                                      |                                   |                   | Cost (Rs.)  | 2,077,427   |                |
|                                                      | Agar Textile Mills                | 2.00              | Energy      | 1,120,848   | 7.80           |
|                                                      |                                   |                   | Cost (Rs.)  | 8,742,614   |                |
|                                                      | Faran Sugar Mills                 | 4.00              | Energy      | 1,082,568   | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 6,809,353   |                |
|                                                      | Omni (NCPP)                       | 10.00             | Energy      | (11,768)    | 0.00           |
|                                                      |                                   |                   | Cost (Rs.)  | -           |                |
|                                                      | Chamber Sugar Mills               | 3.40              | Energy      | 22,728      | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 142,959     |                |
|                                                      | Bandhi Sugar Mills                |                   | Energy      | 1,812,216   | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 11,398,839  |                |
|                                                      | Sanghar Sugar Mills               | 3.40              | Energy      | 971,168     | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 6,108,647   |                |
|                                                      | Habib Sugar Mills                 | 3.40              | Energy      | 1,126,800   | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 7,087,572   |                |
|                                                      | Hi-Tech                           | 8.00              | Energy      | 209,504     | 7.80           |
|                                                      |                                   |                   | Cost (Rs.)  | 1,634,131   |                |
|                                                      | Mehran                            | 2.00              | Energy      | 141,240     | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 888,400     |                |
|                                                      | Tando Allah Yar Sugar Mills       | Energy            | Energy      | 280,302     | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 1,763,100   |                |
|                                                      | Lucky Cement Factory Ltd., N-Abad | 20.00             | Energy      | 14,793,120  | 6.80           |
|                                                      |                                   |                   | Cost (Rs.)  | 100,593,216 |                |
|                                                      | DISCO's Total:-                   | 105.00            | Energy      | 21,889,230  | 6.74           |
|                                                      |                                   |                   | Cost (Rs.)  | 147,484,257 |                |
| SEPCO                                                | AL Noor Sugar Mills               | Energy            | Energy      | 2,894,760   | 6.29           |
|                                                      |                                   |                   | Cost (Rs.)  | 18,208,040  |                |
|                                                      | Lodra Power (Shikarpur)           | 16.00             | Energy      | (6,000)     |                |
|                                                      |                                   |                   | Cost (Rs.)  | -           |                |
|                                                      | DISCO's Total:-                   | 35.20             | Energy      | 2,888,760   | 6.30           |
|                                                      |                                   |                   | Cost (Rs.)  | 18,208,040  |                |
| G-Total                                              |                                   | 217.80            | Energy      | 25,622,183  | 6.68           |
|                                                      |                                   |                   | Cost (Rs.)  | 171,048,314 |                |

# Detail Of Energy Supplemental Charges

| Power Producer           | Supp. Charges |      |            |       |            |    |            |                    |
|--------------------------|---------------|------|------------|-------|------------|----|------------|--------------------|
|                          | Start-up      | PLAC | Open Cycle | Bonus | Fuel Diff. | ED | Others     | Total Supplemental |
| <b>IPPs 1994</b>         |               |      |            |       |            |    |            |                    |
| 1 Kot Addu Block 1       | -             | -    | -          | -     | -          | -  | -          | -                  |
|                          | -             | -    | -          | -     | -          | -  | -          | -                  |
|                          | -             | -    | -          | -     | -          | -  | -          | -                  |
| Kot Addu Block 2         | -             | -    | -          | -     | -          | -  | -          | -                  |
|                          | -             | -    | -          | -     | -          | -  | -          | -                  |
|                          | -             | -    | -          | -     | -          | -  | -          | -                  |
| Kot Addu Block 3         | -             | -    | -          | -     | -          | -  | -          | -                  |
|                          | -             | -    | -          | -     | -          | -  | -          | -                  |
| <b>KAPCO Total</b>       | -             | -    | -          | -     | -          | -  | -          | -                  |
| 2 Hub Power              | -             | -    | -          | -     | -          | -  | -          | -                  |
| 3 Kohinoor Energy        | -             | -    | -          | -     | -          | -  | -          | -                  |
| 4 AES Lalpir             | -             | -    | -          | -     | -          | -  | -          | -                  |
| 5 Pak Gen Power Limited  | -             | -    | -          | -     | -          | -  | -          | -                  |
| 6 Habibullah             | -             | -    | -          | -     | -          | -  | -          | -                  |
| 7 Fauji Kabirwala        | -             | -    | -          | -     | -          | -  | -          | -                  |
| 8 Rousch                 | -             | -    | -          | -     | -          | -  | -          | -                  |
| 9 Saba Power             | -             | -    | -          | -     | -          | -  | -          | -                  |
| 10 Uch                   | -             | -    | -          | -     | -          | -  | -          | -                  |
| 11 Altern                | -             | -    | -          | -     | -          | -  | -          | -                  |
| 12 Liberty               | -             | -    | -          | -     | -          | -  | 31,177,197 | 31,177,197         |
| 13 Davis Energen         | -             | -    | -          | -     | -          | -  | -          | -                  |
| 14 Chashma Nuclear       | -             | -    | -          | -     | -          | -  | -          | -                  |
| 15 Chashma Nuclear-II    | -             | -    | -          | -     | -          | -  | -          | -                  |
| 16 Chashma Nuclear-III   | -             | -    | -          | -     | -          | -  | -          | -                  |
| 17 Chashma Nuclear-IV    | -             | -    | -          | -     | -          | -  | -          | -                  |
| 18 Tavanir Iran          | -             | -    | -          | -     | -          | -  | -          | -                  |
| <b>Sub-Total:</b>        | -             | -    | -          | -     | -          | -  | 31,177,197 | 31,177,197         |
| 1 Attock-Gen             | -             | -    | -          | -     | -          | -  | -          | -                  |
| 2 Atlas Power            | -             | -    | -          | -     | -          | -  | -          | -                  |
| 3 Nishat Power           | -             | -    | -          | -     | -          | -  | -          | -                  |
| 4 Foundation Power       | -             | -    | -          | -     | -          | -  | -          | -                  |
| 5 Orient                 | -             | -    | -          | -     | -          | -  | -          | -                  |
| 6 Nishat Chunian         | -             | -    | -          | -     | -          | -  | -          | -                  |
| 7 Saif Power             | -             | -    | -          | -     | -          | -  | -          | -                  |
| 8 Engro Energy           | -             | -    | -          | -     | -          | -  | -          | -                  |
| 9 Sapphire Power         | -             | -    | -          | -     | -          | -  | -          | -                  |
| 10 Hubco Narowal         | -             | -    | -          | -     | -          | -  | -          | -                  |
| 11 Liberty Power         | -             | -    | -          | -     | -          | -  | -          | -                  |
| 12 Halmore               | -             | -    | -          | -     | -          | -  | -          | -                  |
| 13 Uch-II                | -             | -    | -          | -     | -          | -  | -          | -                  |
| 14 JDW-II                | -             | -    | -          | -     | -          | -  | -          | -                  |
| 15 JDW-III               | -             | -    | -          | -     | -          | -  | -          | -                  |
| 16 RYK                   | -             | -    | -          | -     | -          | -  | -          | -                  |
| 17 Chiniot Power         | -             | -    | -          | -     | -          | -  | -          | -                  |
| 18 Fatima Energy         | -             | -    | -          | -     | -          | -  | -          | -                  |
| 19 Hamza Sugar Mills     | -             | -    | -          | -     | -          | -  | -          | -                  |
| 20 Layyah Sugar Mills    | -             | -    | -          | -     | -          | -  | -          | -                  |
| 21 QATPL                 | -             | -    | -          | -     | -          | -  | -          | -                  |
| 22 Haveli Bahadur Shah   | -             | -    | -          | -     | -          | -  | -          | -                  |
| 23 Coal Fire Power Plant | -             | -    | -          | -     | -          | -  | -          | -                  |
| 24 Gulf Power Gen        | -             | -    | -          | -     | -          | -  | -          | -                  |
| 25 Reshman               | -             | -    | -          | -     | -          | -  | -          | -                  |
| 26 Baloki                | -             | -    | -          | -     | -          | -  | -          | -                  |
| 27 Port Qasim            | -             | -    | -          | -     | -          | -  | -          | -                  |
| <b>Sub-Total:</b>        | -             | -    | -          | -     | -          | -  | -          | -                  |
| <b>G-Total:</b>          | -             | -    | -          | -     | -          | -  | 31,177,197 | 31,177,197         |