S. R.O. 63(I)/2019.— In pursuance of sub-section (7) of section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997), the Federal Government is pleased to notify the National Electric Power Regulatory Authority’s the following approved tariff in respect of the Central Power Purchasing Agency Guarantee (CPPA-G), namely:—

“ORDER

I. The Central Power Purchasing Agency Guarantee (CPPA-G) is hereby allowed to charge such fee on such terms and conditions as provided hereunder:

II. Central Power Purchasing Agency Guarantee (CPPA-G), for provision of Market Operator and allied services, is allowed to recover its assessed tariff for the FY 2017-18 on the following rates, based on actual average monthly MDI of 22,695 MW for the FY 2017-18.

Market Operator Fee (MOF) + Rs. 1.6592/kW/month

III. CPPA-G shall charge the DISCOs, a transfer charge for procuring power from approved generating companies and its delivery to DISCOs for a billing period as under:

\[ TP = CTP\text{ (Gen)} + UOSC\text{(Trans)} + MOF + ETP_{(Gen)} \]

\[ (119) \]

*Price: Rs. 6.00*

[64 (2019)/Ex. Gaz.]
Where:

\( TP \) = Transfer Price to XWDISCOs or any other Market Participant

\( CTP_{(\text{Gen})} \) = Capacity Transfer Price to XWDISCOs or any other Market Participant in Rs./kW/Month

\( UOSC_{(\text{Trans})} \) = Use of System Charge to XWDISCOs or any other Market Participant in Rs./kW/Month

\( MOF \) = Market Operator Fee to XWDISCOs or any other Market Participant in Rs./kW/Month

\( ETP_{(\text{Gen})} \) = Energy Transfer Price to XWDISCOs or any other Market Participant in Rs./kWh

\( \text{GenC} \)

\( \text{CTP}_{(\text{Gen})} \)

\( \text{PD}_{(\text{sys})} \)

\( \text{USCF} \)

\( \text{UOSC} \)

\( \text{PD}_{(\text{sys})} \)

Where:

\( \text{GenC} \) = Summation of the Capacity Cost pertaining to generation in Rupees for a billing period minus the amount of liquidated damages received during that billing period.

\( \text{USCF}_{(\text{Trans})} \) = NTDCL transmission charge in Rupees for a billing period.

\( \text{MOF} \) = CPPA-G market operator charges in Rupees for a billing period.

\( \text{PD}_{(\text{sys})} \) = Peak Demand of the System recorded during a billing period in kW.

Note: To calculate the CTP, UOSC and MOF in Rupees for each XWDISCOs or any other Market Participant for a billing period, the rate of CTP, UOSC and MOF will be further multiplied by the particular XWDISCO or any other Market Participant demand recorded at the time of system peak in kW.

\( ETP \) = \( \text{GenE} \)

\( \text{EUs} \)

Where:

\( \text{GenE} \) = Total Energy charge in Rupees during a billing period.

\( \text{EUs} \) = Energy units (kWh) recorded at the Common Delivery Metering Points of all the DISCOs or any other Market Participant during a billing period.

IV. CPPA-G shall, for the purpose of clarity intimate to all XWDISCOs or any other Market Participant the generation part of the Transfer Charge, during a billing period, by deducting from the Transfer Charge, the Transmission Charge or Use of System Charges of NTDCL and the Market Operator fee of CPPA-G.
V. The following generation entities and extraneous sources of import of electricity stand approved who would be providing electric power to CPPA-G for onward delivery to the XWDISCOs or any other Market Participant:
   i. All Hydroelectric Generating Stations owned and operated by WAPDA.
   ii. Chashma Nuclear Power Generating Station.
   iii. All IPPs selling power to WAPDA under a long-term contract for which sovereign guarantees have been provided by the Federal Government.
   iv. The thermal generation companies formed out of unbundling of WAPDA for a period up-to 01-07-2009 or till the Competitive Market Operation Date determined by the Authority (whichever is later).
   v. Other generation entities (in the public sector, private sector or under public-private partnership, initiated, sponsored or developed by the Federal Government or any Provincial Government) approved by NEPRA to provide power to CPPA-G for onward delivery to the XWDISCOs or any other Market Participant for a specific period.
   vi. Sources of electricity imported from another country or the territory of Azad Jammu and Kashmir under an approval of the Federal Government for provision of power to meet the demand of any or all of the XWDISCOs or any other Market Participant as approved by NEPRA.
   vii. Electricity purchased by CPPA-G from any generation company within Pakistan through Power Purchase Agreement pursuant to NEPRA Interim Power Procurement Regulations, 2005.

13. TERMS AND CONDITIONS:

Definitions:

- Billing Period means a period determined by NEPRA for the purpose of charging the transfer charge to DISCOs in respect of power delivered. The billing period for the purpose of applying a transfer charge shall be on a one month basis (starting 24:00 hrs of the 1st day of the month and ending 12:00 hrs on the last day of the month) till a shorter billing period is specified by NEPRA through a Competitive Trading Arrangement Transitional Order.
- Competitive Market Operation Date = Date as defined under article 7(2) of the License granted to NTDCL.
- CPPA-G means a company performing the functions listed in clause 5 of the Commercial Code 2015 and Authorized by the Authority as Market Operator under the Market Rules.
- Delivery metering point means the interconnection point at the grid stations where power is delivered by NTDCL to DISCOs, BPCs connected directly to the transmission system or other users of the transmission system and where relevant meters are installed to measure such power delivered.
- IPPs = Independent Power Producers established under the Federal Government's Power Policy of 1994 or earlier.
- System Peak Demand = The highest system peak demand recorded during a billing period measured over successive periods of 30 minute interval at the receiving metering point of the DISCOs or user of the transmission system.

Maximum demand measuring apparatus used for recording the maximum
system peak demand during a billing period shall be based on a 30 minutes interval reset basis.

- Month means a calendar month according to the Gregorian calendar.
- Power Factor: the rate expressed as a percentage of the kilowatt hours to the kilovolt hours consumed during a billing period.

13.1. **Other Terms and Conditions**

- Power Factor Penalty: The DISCOs shall maintain an average power factor during a billing period at the delivery metering point of at least 85% lagging. In the event of the said Power Factor falling below 85% in a billing period the concerned DISCO shall pay to NTDCL a penalty as determined by the Authority for general applicability on the recommendation of NTDCL and after consultation with the generation and distribution licensees.
- In order to ensure least cost generation, NTDCL shall strictly follow the merit order while operating the power plants.
- The order part, the Terms & Conditions and Direction of the Authority of the determination are intimated to the Federal Government for notification in the official gazette under Section 31(7) of the NEPRA Act.

14. **DIRECTIONS OF THE AUTHORITY**

The directions of the Authority in the proceedings of the instant petition have been reproduced as under;

i. To share its complete model regarding Basket Price Assessment Model and Market Simulation Model with the Authority before December 31, 2018.

ii. To continue sharing its progress on PPA Bifurcation and HR Development on quarterly basis.

iii. To submit progress of its ERP project implementation every quarter to the Authority

iv. To finalize the agreement with NTDCL without further delay and submit a copy of the same to the Authority.

v. To ensure submission of a comprehensive report on the issue of circular debt on quarterly basis, highlighting the reasons thereof and the party wise breakup of amount payable and receivables in this regard.

vi. To provide a complete copy of its annual report for the FY 2016-17 including therein the complete detail of payable and receivables of the company. Similarly reports for future periods the Report shall also be submitted accordingly and without delays.

[No.Tariff/CPPA-2016.]

SYED MATEEN AHMED,
Section Officer (Tariff).