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Suo Motu P. No. 34 of 2023

In the matter of:

"Determination of Green Energy Tariff for FY 2023-24 "

PRESENT : Hemant Verma, Chairman
Vinod Deshmukh, Member (Judicial)
Pramod Kumar Gupta, Member

DRAFT ORDER

(March ……., 2023)

Ministry of Power, Government Of India, has notified the Green Energy Open Access (GoA) Rules 2022 on 6th June 2022 in order to facilitate use of renewable energy by the consumers and to further accelerate India's renewable energy programmes. Ministry of Power has requested the SERC's for determination of green tariff under Rule 4 (2)(C)(c). Relevant para of GoA rules is reproduced below:

> *"The tariff for the green energy shall be determined separately by the Appropriate Commission, which shall comprise of the average pooled power purchase cost of the renewable energy, cross-subsidy charges if any, and service charges covering the prudent cost of the distribution licensee for providing the green energy."*

2. These Rules provides for a uniform renewable purchase obligation on all obligated entities in area of a distribution licensee. Consumers opting for green energy from DISCOMs will get green certificates by the distribution licensee beyond

renewable purchase obligation and there will be a rating of such consumers by State Commissions based on their consumption. The implementation of this policy will reduce dependence on fossil fuel and also reduce crude oil imports.

3. The following State Electricity Regulatory Commissions have already determined green energy tariff as follows: -

i. Madhya Pradesh Electricity Regulatory Commission (MPERC) has specified green energy tariff as Rs. 1.13/kWh over and above the normal tariff in its tariff order dated 31.03.2022.

ii. Maharashtra Electricity Regulatory Commission (MERC) has specified green energy tariff as Rs. 0.66/kWh over and above the normal tariff.

iii. Karnataka Electricity Regulatory Commission (KERC) has specified green energy tariff as Rs. 0.50/unit over and above the applicable tariff for HT Industries & HT Commercial Consumers in its distribution and retail supply tariff of BESCOM for FY 2022.

iv. Telangana Electricity Regulatory Commission (TSERC) has specified green energy tariff as Rs. 0.66/unit over and above the retail supply tariffs in its Tariff order dated 23.03.2022.

4. The methodology adopted by Madhya Pradesh and Maharashtra Commission for determination of green energy tariff is 50% of the difference in weighted average charge of RE and weighted average rate of Energy charge of Non-RE sources.

In view of the above, the Commission also proposed to specify green energy tariff for FY 2023-24.

5. <u>Determination of Green Energy Tariff for CSERC:</u>

Following the same methodology as adopted by MPERC and MERC, the green energy Tariff for CSERC for FY 2023-24 as 50% of the difference in weighted average charge of RE and weighted average rate of Energy charge of Non RE sources is shown in following Table:

RE Power Procurement for the Period FY 2023-24			Non-RE Power Procurement (Only Variable) for the Period FY 2023-24			Difference between RE & Non-RE Power	Green Energy Tariff
MU	**Rs. Crore**	**Rs. Per kWh**	**MU**	**Rs. Crore**	**Rs. Per kWh**	**Rs. Per kWh**	**Rs. Per kWh**
A	B	C	D	E	F	G = (C-F)	H = G*50%
5,948.00	**1,951.00**	**3.28**	**35473**	**6042**	**1.70**	**1.58**	**0.79**

Hence, Green Energy Tariff for FY 2023-24 is specified as Rs. 0.79/ kWh.

7. Green Energy Tariff of Rs. 0.79/ kWh will be over and above the normal tariff on entire energy (kWh) consumption of the respective consumer category. This will be levied to consumers opting for meeting their energy consumption through Renewable Energy from Distribution Licensee.

Member **Member (Judicial)** **Chairman**