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**BEFORE THE HONORABLE GUJARAT ELECTRICITY REGULATORY
COMMISSION AT GANDHINAGAR**

Case No.

Filing No.

IN THE MATTER OF

Petition under Section – 61, 66, 86 (1) (e) and 181 and other applicable provisions of the Electricity Act 2003 read with the Gujarat Electricity Regulatory Commission (Regulations for Net metering Rooftop Solar PV Grid interactive System) Notification No.5 of 2016 and subsequent amendments, for approval of levy of per KW based System strengthening charges from Residential Solar applicants toward expenditure to be incurred by Distribution Licensee for System strengthening of Distribution Network for providing new Solar rooftop System / Enhancement in existing solar Capacity to Residential Category Consumers.

**AND
IN THE MATTER OF**

Madhya Gujarat Vij Company Ltd (MGVCL)
"Sardar Patel Vidyut Bhavan, Race Course,
Vadodara - 390 007.

PETITIONER

**AND
IN THE MATTER OF**

1. Paschim Gujarat Vij Company Ltd (PGVCL)
Rajkot
2. Uttar Gujarat Vij Company Ltd (UGVCL)
Mehsana
3. Dakshin Gujarat Vij Company Ltd (DGVCL)
Surat

CO-PETITIONERS

MOST RESPECTFULLY SHOWTH

PREAMBLE

1.0 The erstwhile Gujarat Electricity Board has been unbundled in seven functional entities under the Gujarat Electricity Industry Reorganization and Comprehensive Transfer Scheme, 2003 notified under the Gujarat Electricity Industry (Reorganization and Regulation) Act 2003. The activities of Generation, Transmission, Distribution, Bulk power purchase and supply undertaken by erstwhile Gujarat Electricity Board has been entrusted to separate seven functional entities. The generation activity is assigned to Gujarat State Electricity Corporation Ltd. (GSECL), the transmission activity is assigned to Gujarat Energy Transmission Corporation Ltd. (GETCO) and the distribution activity is assigned to four Distribution companies viz. Uttar Gujarat Vij Company Ltd. (UGVCL), Madhya Gujarat Vij Company Ltd. (MGVCL), Dakshin Gujarat Vij Company Ltd. (DGVCL) and Paschim Gujarat Vij Company Ltd. (PGVCL). Further, the function of bulk purchase and bulk sale of power along with co-ordination activities is assigned to Gujarat Urja Vikas Nigam Ltd. (GUVNL) as per the re-organization scheme.

2.0 It is submitted that in exercise of power conferred under Section – 181 read with Section – 61 ,66 & 86 (1) (e) of the Electricity Act 2003, Hon'ble Commission vide Notification No: 5 of 2016 notified the Gujarat Electricity Regulatory Commission (Regulations for Net metering Rooftop Solar PV Grid interactive System) Regulations, 2016 .

The clause no., 5 states that "The Distribution licensee shall provide net metering arrangement to Eligible Consumers. Provided that the cumulative capacity to be allowed at a particular distribution transformer shall not exceed 65% of the peak capacity of the distribution transformer".

The clause no., 5.1 states that "The distribution licensee shall update distribution transformer capacity available for connecting rooftop solar PV Systems under net metering arrangement on yearly basis and shall provide the information to the commission. Provided that if augmentation of transformer/Distribution network is required the cost of the augmentation shall borne by the consumer".

The copy of the Regulations is annexed in petition as an **ANNEXURE-A**.

3.0 Hon'ble Commission vide Notification no. 2 of 2020 (**ANNEXURE-B**) has amended the Clause no. 5 of the Regulations as under:-

"The Distribution Licensee shall provide net metering arrangement to Eligible Consumers. Provided that the cumulative capacity to be allowed at a particular Distribution Transformer shall not exceed capacity of Distribution transformer". And mention in clause no. 5.1 of principal

