



BEFORE

**THE UTTAR PRADESH ELECTRICITY REGULATORY COMMISSION,
LUCKNOW**

Suo - Moto Case No. 18SM of 2019

IN THE MATTER OF:

SUO-MOTO PROCEEDINGS FOR DETERMINATION OF TARIFF FOR ELECTRIC VEHICLE CHARGING

And

IN THE MATTER OF:

Dakshinanchal Vidyut Vitran Nigam Ltd., Agra (DVVNL)

Madhyanchal Vidyut Vitran Nigam Ltd., Lucknow (MVVNL)

Pashchimanchal Vidyut Vitran Nigam Ltd., Meerut (PVVNL)

Purvanchal Vidyut Vitran Nigam Ltd., Varanasi (PuVVNL)

Kanpur Electricity Supply Company Ltd., Kanpur (KESCO)

Noida Power Company Ltd., Greater Noida (NPCL)

ORDER

1. BACKGROUND AND BRIEF PROCEDURAL HISTORY

1.1 BACKGROUND:

1.1.1 The Commission, vide its Order dated January 22, 2019, approved the Aggregate Revenue Requirement (ARR) and Distribution Tariff for FY 2018-19 for State DISCOMs (DVVNL, MVVNL, PVVNL, PuVVNL and KESCO) and NPCL.

1.1.2 Further, the Commission organized a conference on 'Technosphere of EVs & Charging Infrastructure along with Pricing Issues & Power Demand Estimation' on February 04, 2019 focussing on the various issues and creation of the eco-system for implementation of e-mobility to get more inputs and insight into Electric Vehicle Charging.

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- 1.1.3 On December 14, 2018, Ministry of Power issued guidelines on Charging infrastructure for Electrical Vehicles. The key features of the guidelines include provisions for private Charging, Public Charging Stations (PCS) and Tariff for Electric Vehicle Charging.
- 1.1.4 In consideration to the above, the Commission initiated Suo-Moto proceedings for the determination of Tariff for Electric Vehicle Charging.

2. PUBLIC NOTICE & PUBLIC HEARING PROCESS

2.1 PUBLIC NOTICE & PUBLIC HEARING:

- 2.1.1 In pursuant to this, The Commission designed Tariff for Electric Vehicle Charging. To provide an opportunity to all sections of the population in the State to express their views and to also obtain feedback from them, the draft was put on the Commission's website for valuable comments of all stakeholders and public at large. Public Notices were also published in the newspapers in this regard. A Public Hearing on the matter was conducted on March 07, 2019 at 11:30 hours in the Office of the Commission.

2.2 VIEWS / COMMENTS / SUGGESTIONS / OBJECTIONS / REPRESENTATIONS ON PROPOSED TARIFF FOR ELECTRIC VEHICLE CHARGING

- 2.2.1 The Commission has taken note of the various views / comments / suggestions / objections / representations made by the stakeholders. The major issues raised therein have been summarised as below:

A. Comments/Suggestions of M/s Mahindra Ltd.:

They submitted that the Commission may consider a rationalized EV Charging Tariff of INR 6/kWh and INR 5.5/kWh for LT and HT public Charging stations, respectively. Other submissions made include waiving Fixed Charges in case of load enhancement for EV Charging for the first 2-3 years and considering Open Access for EV Charging infrastructure through renewable energy IPPs etc.

B. Comments/Suggestions of Shri Avadhesh Verma.:

Shri Avadhesh Verma, Chairman of UP Rajya Vidyut Upbhokta Parishad, submitted that the Tariff proposed by the Commission is on the higher side and should be lower than ACOS. Particularly for the life line consumers and other domestic/residential consumers he said that Tariff may be lowered and separate connection for Electric Vehicle Charging may be given.

C. Comments/Suggestions of UPPCL:

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Shri Syed Abbas Rizvi, EE-RAU, UPPCL, submitted that the Tariff was lower for residential consumers in multi storey building than individual residential consumers. Hence, the Tariff for multi storey may be increased. He further submitted that two part tariff may be adopted for Electric Vehicle Charging and Fixed/ Demand Charge may also be provided.

D. Commission's view:

The Commission has taken note of the comments/ suggestions made by the stakeholders. In future, based on the demand/ popularity and the feedback from consumers and licensees it may revisit the tariff for various category of consumers including Lifeline consumers.

3. TARIFF FOR ELECTRIC VEHICLE CHARGING

3.2 INTRODUCTION

3.2.1 Keeping in view the guidelines of Ministry of Power wherein a cap of 15% of ACOS is provided, the comments received of the various stakeholders on the Commissions draft Tariff design, the Tariff for Electric Vehicle Charging applicable in the State of Uttar Pradesh is being approved as follows:

Electric Vehicle Charging

1. Domestic Consumers

All the metered domestic consumers covered under the LMV-1 category will be allowed to charge their Electric Vehicle at their residence, provided the load of Electric Vehicle does not exceed the connected / contracted load. The Tariff that is applicable as per the rate schedule will be applicable on Electric Vehicle Charging as well.

2. Multi Storey Buildings (covered under LMV-1b & HV-1b of the Rate Schedule)

Those who wish to install Electric Vehicle Charging station in the premises Multi Storey Building, will have to take a separate connection for EV Charging Station. The Tariff applicable for such Charging Station in the Multi Storey Building will be as follows:

| Category | Demand Charge | Energy Charge |
|--|---------------|----------------|
| Multi Story Buildings (Covered under LMV-1b) | Nil | Rs. 6.20 / kWh |
| Multi Story Buildings (Covered under HV-1b) | Nil | Rs. 5.90 / kWh |



The consumer will be required to pay one time charges etc. wherever applicable.

3. Public Charging Stations

The Tariff applicable for Public Charging Stations will be as follows:

| Category | Demand Charge | Energy Charge* |
|------------------------------|---------------|----------------|
| Public Charging Station (LT) | Nil | Rs. 7.70 / kWh |
| Public Charging Station (HT) | Nil | Rs. 7.30 / kWh |

The consumer will be required to pay one time charges etc. wherever applicable.

Time of Day (ToD) Structure for public Charging Stations:

Summer Months (April to September)

| Hours | % of Energy Charges |
|-----------------------|---------------------|
| 05:00 hrs – 11:00 hrs | (-) 15% |
| 11:00 hrs – 17:00 hrs | 0% |
| 17:00 hrs – 23:00 hrs | (+) 15% |
| 23:00 hrs – 05:00 hrs | 0% |

Winter Months (October to March)

| Hours | % of Energy Charges |
|-----------------------|---------------------|
| 05:00 hrs – 11:00 hrs | 0% |
| 11:00 hrs – 17:00 hrs | 0% |
| 17:00 hrs – 23:00 hrs | (+) 15% |
| 23:00 hrs – 05:00 hrs | (-) 15% |

4. Other Consumers

The consumers of other categories (any metered consumers of LMV-2(a), LMV2(c), LMV-4, LMV-6, LMV-7, LMV-8 (Metered), LMV-9 (Metered), HV-1 (excluding Multi Storey Buildings covered under LMV-1b & HV-1b of the Rate Schedule), HV-2, HV-3 and HV-4), will be charged as per the Tariff applicable for their respective category or to say they need not to take a separate connection, they can do the Charging within their respective connections, provided the load of EV does not exceed the connected / contracted load.

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It is advised that the consumer should take precaution to take adequate contracted load in order to meet the load of Charging of Electrical Vehicle. In case the contracted / connected load is breached then the consumer will be liable to pay penalty. Further, the other provisions of General Provisions of Rate Schedule and Electricity Supply Code will also come into effect in case consumers load breaches the contract demand.

4. APPLICABILITY OF THE ORDER

The licensees are directed to include the approved Tariff for Electric Vehicle Charging in the existing Rate Schedule for FY 2018-19 of Tariff Order dated January 22, 2019 as a separate category. The Licensees, in accordance to Regulation 13.3. of the Uttar Pradesh Electricity Regulatory Commission (Multi Year Distribution Tariff) Regulations, 2014 and Uttar Pradesh Electricity Regulatory Commission (Multi Year Distribution Tariff) Regulations, 2014 shall publish the Tariff approved by the Commission in at least two (2) English and two (2) Hindi daily newspapers having wide circulation in the area of supply and shall put up the approved Tariff / Rate Schedule on its internet website and make available for sale, a booklet both in English and Hindi containing such approved Tariff / rate schedule, as the case may be, to any person upon payment of reasonable reproduction charges.

The Tariff so published shall be in force after seven days from the date of such publication of the Tariffs and shall, unless amended or revised, continue to be in force for such period as may be stipulated therein. The Commission may issue clarification / corrigendum / addendum to this Order as it deems fit from time to time with the reasons to be recorded in writing.

(Kaushal Kishore Sharma)
Member

(Suresh Kumar Agarwal)
Member

(Raj Pratap Singh)
Chairman

Date: 07.03., 2019

Place: Lucknow

