

MINUTES OF MEETING OF THE

MUMBAI DISTRIBUTION NETWORK ASSESSMENT COMMITTEE (M-DNAC)

Date :- **30 April 2024**

Venue :- **Through Video Conferencing**

Present :- Dr. Prafulla Varhade, Chairman (Commission's Officer)
Shri. Dineshchandra Saboo, Member (External)
Shri. Rakesh Guhagarkar, Member (Commission's Officer)

Discussions held:-

On receipt of AEML-D's proposal dated 17 April 2024 regarding scenario confirmation for Power Supply to Raveshia Realtors, the Metropole CTS NO 3886 to 3892, Near Jhunjunwala College, Ghatkopar (W), Mumbai, the Committee held its site visit on 24 April 2024 and subsequent meetings on 30 April 2024. The details of observations are as follows:

A. AEML-D's proposal dated 17 April 2024:

- i. The total load requirement of the applicant's Commercial building, as per the application, is 1389 kW and estimated MD as per AEML's norm is 772 KVA.
- ii. As per the site inspection carried out by AEML-D and the assessment of network conditions, AEML-D would require a new 11/0.4 kV substation in the premises (i.e. at Level 3), as per the framework established vide Order dated 12 June 2017 in Case No. 182 of 2014, in order to be able to provide electricity supply to the applicant.
- iii. As per AEML-D's knowledge, the HT mains (11 kV cable) of TPC-D is located at a distance of 1 km from the site (route distance) and LT pillar is at a distance of 700 mtr from the site. As against this, AEML-D's 11 kV network is available at a route distance of about 200 meters from the applicant's premises.
- iv. In view of the decisions already provided by the M-DNAC dated 4 September 2020 and 9 June 2021 and earlier decisions in this regard, the location is therefore required to be considered under Scenario 53(a), on the basis of the network spread of the two Licensees.
- v. In view of the above, AEML-D submitted that the present application may be treated as being under Scenario 53(a) as described in the said Order i.e. where only one Licensee's network is present. Accordingly, AEML-D requested to verify the scenario categorization as required under the above referred Order and inform the Licensees accordingly, so that further steps can be taken to provide connection to the Applicant.

B. TPC-D's reply dated 22 April 2024, sought by the Committee vide its email dated 18 April 2024: -

- i. TPC-D's LT and HT (11 kV) network is available at 550 meters whereas 22 kV HT network is available at 350 meters from the applicant consumer's location. The applicant

consumer can be served by TPC-D after installation of LT CSS i.e. Level 3 and after extending the HT network from the distance of 350 mtr. route length.

- ii. It is TPC-D's understanding that the present Application falls under the scenario 53(d) which deals with the situation where "either or both the Licensees are present but neither completely covers the area".
- iii. The procedure in terms of the Order dated 12 June 2017 passed by the Commission in Case No. 182 of 2014 is being followed by TPC-D without prejudice to its rights under the law and pending challenge before the Hon'ble Supreme Court and the Hon'ble ATE.

C. M-DNAC Committee's observations and decision: -

- i. The Committee carried out a site visit on 24 April 2024 in the presence of representatives of AEML-D and TPC-D to verify the claims of the Licensees regarding existence of their distribution mains nearby the applicant's premises.
- ii. The Committee noted that AEML-D's 11 kV network is available at a distance of around 200 meters from the applicant consumer's location. TPC-D's LT and HT (11 KV) network is available at around 650 meters from the proposed consumer location and its HT (22 KV) network is available at 300 meters from Applicant's entry gate. Even if the distance between the Applicant consumer's entry gate to the proposed substation location (around 100 mtr) is added, TPC-D's 22 kV network can be said to be present nearby the applicant consumer's location.
- iii. Considering the aforesaid facts and considering the relative network spread of both the Licensees, the Committee is of the opinion that the Power supply application of Raveshia Realtors, the Metropole CTS NO 3886 to 3892, Ni. Jhunjunwala College, Ghatkopar (W), Mumbai for a load requirement of 1389 kW for applicant's commercial building falls under scenario 53(d) as per Case No. 182 of 2014.
- iv. AEML-D has stated that in view of the decisions already provided by the M-DNAC dated 4 September 2020 and 9 June 2021 and earlier decisions in this regard, the location is required to be considered under Scenario 53(a), on the basis of the network spread of the two Licensees.
- v. In this context, the Committee notes that it has given its decision dated 4 September 2020 and 9 June 2021 and earlier decisions based on network spread of both the Licensees. The Committee further notes that based on its own knowledge, AEML-D had stated that the HT mains (11 kV cable) of TPC-D is located at a distance of 1 km from the site (route distance) and LT pillar is at a distance of 700 mtr from the site. And accordingly, AEML-D had claimed that the consumer's application falls under scenario 53(a). However, as confirmed by the committee during the site visit, TPC-D's LT and HT (11 KV) network is available at around 650 meters from the proposed consumer location and its HT (22 kV) network is available at 300 meters from Applicant's entry gate which means that distribution network of both the licensees is present near the applicant consumer's location. Hence, the Committee is of the view that the correct scenario is 53(d) based on network spread of both the Licensees.

- vi. Further, both the Licensees have stated that they would require to install a new 11/0415 kV CSS by extending their respective HT network. Thus, the applicant consumer's application falls under 53(d) scenario with level 3 connection.
- vii. As per Order dated 12 June 2017 in Case No. 182 of 2014, in 53(d) scenario, in case of requirements at Levels 3 to 5, the M-DNAC has to consider the comparative costs for deciding which Licensee shall connect the new consumer by setting up or extending its distribution system.
- viii. Hence, both the licensees are requested to estimate the MD for the applicant considering the carpet area, based on MSEDCL's norms (MSEDCL's circular dated 20 December 2018 titled Infrastructure development for release of new connections) so that it is ensured that both the licensees are following uniform norms for planning of infrastructure development. AEML-D shall share the requisite details to TPC-D, if not shared yet.
- ix. Further, Regulation 17.1 of the MERC (Approval of Capital Investment Schemes) Regulations, 2022, provides that the Distribution Licensees shall prepare and submit standard cost sheet for all capital items procured by them based on latest rates discovered through competitive bidding with the supporting documents or latest Board approved standard rates. Further, as per Regulation 17.5 of the Capex Regulations, such Standard Cost Sheet shall be the reference document for estimation of item-wise capital cost by the Applicant while seeking in-principle approval of DPR Scheme. Accordingly, while submission of their respective cost estimates for releasing the connection to the present applicant consumer, both licensees shall consider all costs (equipment cost, RI cost, installation cost, civil cost etc.) of all associated items as per the aforesaid standard cost sheet.
- x. AEML-D and TPC-D are requested to submit their respective cost estimates along with back up calculations for estimated MD, quantity of individual items and their rates along with the standard cost data with appropriate cross references etc. in sealed envelope within one week.

Sd/-
Shri. Rakesh Guhagarkar,
Member
(Commission's Officer)

Sd/-
Shri. Dineshchandra Saboo,
Member
(External)

Sd/-
Dr. Prafulla Varhade,
Chairman
(Commission's Officer)