

MINUTES OF 3rd MEETING
OF THE
MUMBAI DISTRIBUTION NETWORK ASSESSMENT COMMITTEE (M-DNAC)

Date :- 12 July, 2018 at 15.00 Hrs.

Venue :- MERC, 13th Floor Conference Room

Present :- **M-DNAC Members**

Shri Rakesh Guhagarkar, Convener and Member (Commission's Officer)

Shri Nikhil Meshram, Member (Commission's Officer)

Shri Pradeep Nichat, Member (External)

Shri Rajendra Mashalkar, Member (External)

Dr. Ashok Pendse, Member (External)

Shri Dilip Dumbre, Member (Ombudsman's Officer)

Discussions held

1. A 3rd Meeting of Mumbai Distribution Network Assessment Committee (M-DNAC) was held on 12 July, 2018 in the Commission's Office to discuss the issue raised by Tata Power Co. (TPC-D) in its letter dated 10 July, 2018. TPC-D, in its letter has stated that information sought by M-DNAC in the meeting held on 22 June, 2018 from the Distribution Licensees is not relevant and also beyond the scope of M-DNAC as defined in the Order dated 12 June, 2017. TPC-D has further stated that cost is the only criteria for deciding the Licensee which shall be allowed to set the network for releasing the connection.
2. The letter and the issue raised by TPC-D were discussed during the meeting. The Committee is of the opinion that as alleged by TPC-D, the Committee has not got into the technical specifications of the project. However, estimation of MD is the basis of further calculations and therefore same needs to have standard norms. Further, as per clause 6.4(c) of the Annexure C of the Order, M-DNAC may stipulate the format in which the Licensees are required to submit their proposals to M-DNAC.
3. The Committee is in receipt of the letter from RInfra-D in which it has given the watts/per sqmtr norms and norms for demand factor alongwith the other suggested parameters. However, no such information has been received from TPC-D. In such circumstances, the Committee is of the view that independent norms of the third party such as MSEDCL which is State Licensee and supply in part of Mumbai such as Bhandup and Mulund may be used for MD estimation. Accordingly, the following

norms are being suggested by the Committee to have common basis for MD calculations.

Sr. No.	Class of premise	Connected load/Sq. Mtr. carpet area
1	Residential	Minimum 75 w/sqmtr
2	Commercial with Central air-conditioning	Minimum 200 w/sqmtr
3	All other commercial establishments	Minimum 150 w/sqmtr
4	For all other categories	Load actual mentioned in form or contract demand in case of connection above 20 kW

For final determination of total load for deciding the infrastructure, the calculations should be carried out considering the diversity factor as below:

Sr. No.	Class of premise		Diversity factor
1	Residential	Carpet area upto and including 500 Sqft	1.5
		Carpet area above 500 sqft	2.5
2	Commercial with Central air-conditioning		1.5
3	All other commercial establishments		1.5
4	For all other categories		1.5

4. The above details are available as a part of MSEDCL's circular dated 15 May, 2018 titled Infrastructure development for release of new connections". Same is readily available on the MSEDCL's website.
5. With this approach, the two Licensees will be at par for MD estimation. The Committee is of the view that MD calculations for present proposal should be reworked based on above and the proposals shall be submitted by both the licensees within next seven days.
