

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

Date :- 18 July, 2023 at 2.30 pm
Venue :- MERC, 13th Floor Conference Hall
Present :- Dr. Prafulla Varhade, Chairman (Commission's Officer)
Dineshchandra Saboo, Member (External)
Dilip Dumbre, Member (Ombudsman's Officer)
Rakesh Guhagarkar, Member (Commission's Officer)

Licensee's representatives:

Vivek Mishra – AEML-D
Rahul Hanchate – AEML-D
Shishir Mahulkar – AEML-D

Discussions held

As decided in its earlier meeting dated 4 July, 2023, the Committee held its meeting on 18 July, 2023, with AEML-D to understand their methodologies for MD estimation for releasing new connections on sample cases and to get their views on further improvement in the methodology in line with the practices followed by BEST, MSEDCL or other similarly placed distribution licensees.

AEML-D stated that it is following two different methodologies for MD estimation, (i) MD estimation based on Built-up (BuA) area of development and (ii) MD estimation based on load applied by applicant.

It stated that for residential loads, MD estimation is generally done based on Methodology-I above. As per previous experience, residential consumers generally do not provide connected load and for cases where connected load is provided by the applicant, it is generally found to be on the higher side. Hence, demand estimation is normally done based on built up area norms. AEML-D further stated that for commercial establishments (Mall, industries, hospital,

commercial office etc), the applicants generally provide Maximum Demand. However, in these cases, the MD is also estimated by AEML-D as per Methodology-2 above (based on connected load provided by the applicant). The higher of the two (provided by the applicant and that estimated as per Methodology-2 above) is then considered for network planning. However, the methodology based on Built up area is mainly being used.

The Committee observed that MSEDCL considers carpet area for computation of MD and not the built up area. Also, RERA Authority provides the carpet area for residential and commercial projects and not the built up area. The Committee discussed the relevant circulars of MSEDCL and BEST with AEML-D and sought justification for consideration of Built-up Area rather than Carpet Area and utilization of Demand Factor instead of Diversity Factor for MD estimation.

To bring uniformity in the MD estimation methodologies, the Committee asked to AEML-D to submit detailed calculations considering Carpet Area and Diversity Factor in line with the methodology followed by BEST, MSEDCL or other similarly placed distribution licensees. Thereafter, if necessary, another meeting will be conducted with AEML-D to understand their methodologies after its revised submission on MD estimation with revised calculations.

Rakesh Guhagarkar,
Member (Commission's Officer)

Dilip Dumbre,
Member (Ombudsman's Officer)

Dineshchandra Saboo,
Member (External)

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