MINUTES OF MEETING

OF THE

MUMBAI DISTRIBUTION NETWORK ASSESSMENT COMMITTEE (M-DNAC)

Date :- 24 June 2025 at 15.00 Hrs.

Venue :- Through Video Conferencing.

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

Licensee's representatives:
Shri. Vivek Mishra — AEML-D
Shri. Shishir Mahulkar — AEML-D
Smt. Saroj Kadam — AEML-D
Shri. Rajanish Jirta — AEML-D

Shri Vikas Koul — TPC-D
Smt. Hawwa Inamdar — TPC-D

Discussion held:-

1. AEML-D had received the power supply application on 6 June 2025 from "M/s. N. N. Datar & Associates (Commercial Project), Opposite Hindi High School, Ghatkopar (W), Mumbai - 400086" with total load requirement of 2531 kW. AEML-D estimated the Maximum Demand (**MD**) as 1689 kVA in accordance with the MD estimation guidelines issued by the Commission. Accordingly, AEML-D assessed its own network position and communicated to TPC-D by email on 10 June 2025 (with a copy marked to the M-DNAC) that the proposal is falling under Scenario 53 (d). AEML-D further stated that in order to connect the said consumer, AEML-D would be required to install CSS (Level 3 connection) and hence would be required to follow the procedure laid down by the Commission in terms of Para 6 of Annexure C of its Order dated 12 June 2017.
2. In response, TPC-D, vide its email on 12 June 2025, informed M-DNAC that its LT & 11 kV HT network is available at 430 Meters and 22 kV HT Network is available at 345 Meters from the proposed consumer location and the applicant can be served by TPC-D after installation of LT CSS (Level 3 connection). TPC-D stated that the present application falls under Scenario 53 (d), which deals with a situation where "either or both licensees are present" but neither "completely covers the area".

3. As required under Case No. 182 of 2014, AEML-D and TPC-D submitted their cost proposals in sealed envelopes on 17 June and 20 June 2025 respectively providing the estimated expenditure for releasing the connection to the applicant consumer.

4. Thereafter, M-DNAC held its meeting in virtual mode on 24 June 2025 wherein the sealed envelopes submitted by AEML-D and TPC-D (Virtually present) were opened in the presence of the Licensees. The representatives of the Licensees briefly elaborated their respective cost estimations and responded to queries raised by the Committee during the meeting.

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

Details of proposals submitted by both Licensees:

i. It is observed that the assessed MD by TPC-D as well as AEML-D is same as both the licensees have considered the common norms as per the guidelines issued by the Commission on 9 October 2024.

ii. **AEML-D's cost proposal dated 17 June 2025:**

SN	Item	Unit	Quantity	Cost Rs. Lacs
1	11kV, 3c/400 sq. mm. XLPE Cable	Meters	120 (2 runs of 60 meters each)	3.06
2	11/0.4 kV 1500 kVA Dry Type DT (incl. Import Duty)	Nos.	2	65.65
3	RMU	Nos.	1	9.76
4	Other material			14.22
5	Civil cost			16.51
6	Cost of services (labour, Installation, testing, commissioning)	Nos.	1	1.97
7	Re-instatement (RI) Charges# (Cement Concrete)	Meters	--	0.00
8	MCGM Access charges @ Rs. 1001 meter			0.00
9	Contingency Charges @ 7% of project cost (excluding RI charges)			7.78
	Total (Rs. Lacs)			**118.96**

iii. **TPC-D's cost proposal dated 16 June 2025:**

SN	Type	Description	Qty	Unit	Unit cost Rs.	Cost Rs. Lacs
A		Material/ Equipment				
1	Materials	RING, RMU, 22 kV with motor,2-Isolator & 2.25 kA	1	EA	1777570.8	17.78
2		transformer,1600kVA, 22kV, 415V, Indoor	2	EA	4214960.0	84.30
3		LTP 2500A, 415V, 6W-630A O/G FUSE	2	EA	445096.0	8.90

SN	Type	Description	Qty	Unit	Unit cost Rs.	Cost Rs. Lacs
4		Cable 22kV 1CX185Sq.MM ALU AR XLPE	30	Mtr	688.3	0.21
5		Term 22kV HS ID 1C 185SQMM XLPE	12	EA	2964.6	0.34
6		CABLE, 1.1kV,4CX300Sq XLPE AL, PVC,AR,FRLS	80	Mtr	1340.9	1.07
7		CBL 22kV AL 3C 240 SQMM XLPE	780	Mtr	2344.9	18.29
8		Joint 22KV HS 3C 240 SQMM XLPE	4	EA	27163.6	1.09
9		Term 22kV HS OD 3C 240 SQMM XLPE	2	EA	10560.4	0.21
10		Disc, Tiles RCC,460 X 180 X 45 MM THK,	2150	EA	60.7	1.31
11		Pipe HDPE 160MM DIA 7.7-8.6MM TH PN4	16	EA	1902.1	0.30
A	Material	Total Material				**133.80**
B		Services				
1		LT CSS Indoor - Foundation on Slab (8M X 5M) - **1** TRF, 1 RMU, **1** LTP	2	EA	365256.9	7.31
2		RMU Inst SER 11/22/33kV, 3W/4W	1	EA	18742.5	0.19
3		Dry Type TRF Inst Services	2	EA	44210.3	0.88
4		LTP/CTPT Unit Inst Services	2	EA	17860.5	0.36
5		HT Cable Laying Charges	810	Mtr	200.0	1.62
6		LT Cable Laying Charges	30	Mtr	180.0	0.05
7		HT Excavation and backfilling charges-Internal	60	Mtr	1530.0	0.92
8	Services	HT Excavation and backfilling charges-External	330	Mtr	2250.0	7.43
9		Sup/Inst 3.5/4C 240-300 SQMM GLND/ALTER	32	EA	1564.8	0.50
10		Serv. for assistance in jointing	4	EA	1073.7	0.04
11		Serv. for assistance in termination	14	EA	508.0	0.07
12		Internal Reinstatement charges - Asphalt	60	Mtr	2700.0	1.62
B1		SUB TOTAL Service				20.99
B2		18 % GST On Total Services Cost	18%			3.78
B	Services	TOTAL Services				**24.76**
C		Reinstatement Charges				
1	RI Charges	External Reinstatement Charges-Paver Block	330	M	16127.0	53.22
C	RI	TOTAL RI Charges				**53.22**
D	Admin	Staff Cost	7%			11.10

S N	Type	Description	Qty	Unit	Unit cost Rs.	Cost Rs. Lacs
	& HO					
E		TOTAL(A+B+C+D):				**222.88**

iv. After going through both the cost proposals, it is seen that the cost submitted by AEML-D is lower than the cost submitted by TPC-D. It is observed that length of HT cable in case of TPC-D is higher than AEML-D. For TPC-D, it is about 2 runs - 390 Meters each whereas in case of AEML-D, HT cable length is about 2 runs - 60 Meters.

v. During the meeting, AEML-D confirmed that it does not require RI charges as its 11 kV cable is already inside the plot due to existing old single DT whereas TPC-D confirmed that it requires RI charges as the external length of HT cable on MCGM areas (i.e. public footpath/road) for TPC-D is about 330 Meters.

vi. M-DNAC observed that the cost quoted by AEML-D is the lowest cost as the network of AEML-D is relatively closer to the point of supply, the cables required from its network are of shorter length and there is no RI charges for AEML-D as against huge RI charges of TPC-D.

vii. In view of the above, the M-DNAC has decided to allow AEML-D to release power supply connection to "M/s. N. N. Datar & Associates (Commercial Project), Opposite Hindi High School, Ghatkopar (W), Mumbai - 400086" The total cost submitted by AEML-D of Rs. 118.96 Lacs shall be the ceiling cost (with no further incremental cost) for its ARR as mentioned in Case No. 182 of 2014. Further, as mentioned earlier, both the Licensees need to adhere to the timelines stipulated in the Order dated 12 June 2017 and in the MERC (Electricity Supply Code and Standards of Performance of Distribution Licensees including Power Quality) Regulations, 2021 and its amendment for processing the consumer's applications.

On Leave
Shri. Rakesh Guhagarkar,
Member (Commission's Officer)

Sd/-
Shri. Dilip Dumbre,
Member (Ombudsman's Officer)

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

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