

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. TPC-D had received the power supply application on 6 June 2025 from “M/s. Harshvardhan Constructions, Sakinaka, Andheri (E), Mumbai - 400054” with total load requirement of 1700 kW. TPC-D estimated the Maximum Demand (**MD**) as 934 kVA in accordance with the MD estimation guidelines issued by the Commission. Accordingly, TPC-D assessed its own network position and communicated to AEML-D by email on 13 June 2025 (with a copy marked to the M-DNAC) that the proposal is falling under Scenario 53 (d). TPC-D further stated that in order to connect the said consumer, TPC-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, AEML-D, vide its email on 16 June 2025, informed TPC-D (with a copy marked to M-DNAC) that its distribution network is also present within 30 Meters of the applicant's premise and it will be in a position to connect the applicant by commissioning a CSS in the plot. AEML-D stated that the present application falls under Scenario 53 (d).
3. As required under Case No. 182 of 2014, TPC-D and AEML-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:

S N	Item	Unit	Quantity	Cost
				Rs. Lacs
1	11kV, 3c/400 sq. mm XLPE Cable	Meters	280 (2 runs of 140 meters each)	7.15
2	11/0.4 kV 1500 kVA Dry Type DT (incl. import Duty)	Nos.	1	32.82
3	RMU	Nos.	1	7.38
4	Other material			7.74
5	Civil cost			10.68
6	Cost of services (labour, Installation, testing, commissioning)	Nos.	1	1.60
7	Re-instatement (RI) Charges (Cement Concrete) @ Rs. 35,154 per mtr. with Multiplying factor 5	Meters	10	17.58
8	MCGM Access charges @ Rs. 100 / meter	Meters	20	0.02
9	Contingency Charges @ 7% of project cost (excluding RI charges) ,			4.72
				89.67

iii. TPC-D's cost proposal dated 17 June 2025:

S N	Type	Description	Qty	Unit	Unit cost Rs.	Cost
						Rs. Lacs
A		Material/ Equipment				
1	Materials	RMU, 3WAY 2 CBL,WTH BKR O/G,11kV,630A MOT	1	EA	568225.8	5.68
2		Transformer,1600kVA, 22kV, 415V, Indoor	1	EA	3714640	37.15
3		LTP 2500A, 415V, 6W-630A O/G FUSE	1	EA	445096	4.45
4		Cable 11kV 1CX185Sq.MM XLPE	30	Mtr	602.64	0.18
5		KIT RAYCHEM FOR 11kV 1C 185 SQMM XLPE	6	EA	2406.41	0.14

S N	Type	Description	Qty	Unit	Unit cost Rs.	Cost
						Rs. Lacs
6		Cable,1.1kV,4CX300Sq XLPE AL, PVC, AR, FRLS	30	Mtr	1340.87	0.40
7		Cable 11kV AL 3C 300 SQMM XLPE	270	Mtr	2277.57	6.15
8		Joint 11 kV HS 3C 300 SQMM XLPE	2	EA	32138.48	0.64
9		Termination 11 kV HS I/D 30 300SQMM XLPE	2	EA	6849.33	0.14
10		Disc, Tiles RCC,460 X 180 X 45 MM THK,	25	EA	60.7	0.02
A	Material	Total Material				54.95
B		Services				
1	Services	LT CSS Indoor - Foundation on Slab (8M X 5M) - 1 TRF, 1 RMU, 1 LTP	1	EA	365256.8	3.65
2		RMU Inst Ser. 11/22/33kV, 3W/4W	1	EA	18742.5	0.19
3		Dry Type TRF Inst Services	1	EA	44210.25	0.44
4		LTP/CTPT Unit Inst Services	1	EA	17860.5	0.18
5		HT Cable Laying Charges	300	Mtr	200	0.60
6		LT Cable Laying Charges	30	Mtr	180	0.05
7		HT Excavation and backfilling charges-External	5	Mtr	2250	0.11
8		SUP/INST 3.5/4C 240-300 SQMM GLND/ALTER	14	EA	1564.77	0.22
9		Serv. for assistance in jointing	2	EA	1073.71	0.02
10		Serv. for assistance in termination	8	EA	507.98	0.04
B1		SUB TOTAL Service				5.51
B2		18 % GST On Total Services Cost	18%			0.99
B	Services	TOTAL Services				6.50
C		Reinstatement Charges				
1	RI Charges	External Reinstatement Charges-Paver Block	5	M	175770	8.79
C	RI	TOTAL RI Charges				8.79
D	Admin & HO	Staff Cost	7%			4.30
E		TOTAL(A+B+C+D):				74.54

- iv. After going through both the cost proposals, it is seen that the cost submitted by TPC-D is lower than the cost submitted by AEML-D. It is observed that length of HT cable in case of AEML-D is slightly higher than TPC-D. For TPC-D, it is about 2 runs - 135 Meters each whereas in case of AEML-D, HT cable length is about 2 runs - 140 Meters. However, as confirmed by AEML-D

during the meeting, RI charges for AEML-D is more as compared to TPC-D as the external length of HT cable on CC road (DLP 5) for AEML-D (10 Meters) is more than that of TPC-D (5 Meters).

- v. M-DNAC observed that the cost quoted by TPC-D is the lowest cost. Further, as the network of TPC-D is relatively closer to the point of supply, the cables required from its network are of slightly shorter length and TPC-D's RI charges are lower than AEML-D's RI charges.
- vi. In view of the above, the M-DNAC has decided to allow TPC-D to release power supply connection to "M/s Harshvardhan Constructions, Sakinaka, Andheri (E), Mumbai - 400054" The total cost submitted by TPC-D of Rs. 74.54 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)