

No. CE (Dist)/ M-I/ Bus duct/ 6659

Date: 19.03.2021

CIRCULAR

Sub: Guidelines and Delegation of Power for approval of Rising Mains Bus Duct in Multi Storied buildings.

Ref. 1) Practice Directions issued by MERC, Dated: 28-08-2019.

MSEDCL is discharging the duty of distribution of energy to consumers in Multi Storey High Rise Buildings by provision of service connection (whether through overhead wire or underground cables) at ground floor, irrespective of the number of floors in the Multi Storey Building.

MSEDCL has received many representations from Developers/ Builders/ Promoters for approving individual floor wise or intermittent floor metering with Rising Mains system instead of ground floor metering in their projects, due to non-availability of ample space at ground floor.

The Maharashtra Electricity Regulatory Commission (MERC) has issued Practice Directions Dated: 28-08-2019, regarding expenses on rising mains and floor wise metering in high rise buildings, which is elaborated as below:

- 1) Work of rising mains and floor wise metering in high rise building needs to be undertaken by concerned project Developer / Consumers only.
- 2) Developer/Consumer can undertake such work as per specifications approved by Distribution Licensee or pay actual expenses for undertaking such work by Distribution Licensee.
- 3) Such rising main shall be handed over to Distribution Licensee for operation and maintenance purpose.

In view of the above, individual floor wise or intermittent floor metering with Rising Mains system may be permitted with following guidelines:

- a. The consumer shall provide space to MSEDCL for providing sealed meters in the electrical room/s on each floor/ intermittent floor which has to be accessible to MSEDCL personnel or authorized representative round the clock, through the service door.
- b. The consumer shall be responsible for providing and maintaining rising mains system (bus ducts) and shall be responsible for any electrical breakdown/ accident/ fire/ high voltage damages to property and human. MSEDCL shall be indemnified of any obligation due to Standards of Performance for failure/fault/damage of Rising Mains System (bus duct).

- c. There must not be any other service line/ pipe within the bus duct, which is provided for Rising Mains system.
- d. The meter room provided shall be such size, so that all meters can be accommodated and there would be sufficient space for checking of meters, etc. & location of meter room shall be get approved from EE (O&M).
- e. The consumer shall provide fire resistant barriers at every floor crossing and for sealing rising mains opening at each floor. It would be obligatory on consumer to provide Fire Fighting & Detection system & obtain permission from Chief Fire Officer/ concern fire authority.
- f. In case, if any additional tap off points are required by the consumer for releasing supply to additional consumers, such tap off points from the rising mains will be provided by the consumer in concurrence and consultation with MSEDCL.
- g. There shall be no relocation of Rising Mains system or any of the metering room at each floor of the said premise. In case of any type of relocation, the consumer shall bear the total charges for such relocation, including getting all Statutory and Regulatory approvals. The consumer shall be responsible for obtaining clearances from Chief Fire Officer (CFO), Electrical Inspector (EI) and any other statutory Authorities for the Bus duct system.
- h. The consumer shall obtain approval from Local Municipal authority on building plan (sanctioned) for meter cabin.
- i. The consumer shall provide Bus Riser/ Rising Mains system with guarantee (defect liability period) of 05 years.
- j. The consumer shall provide dedicated duct for O&M.
- k. The consumer shall carry out the work under DDF.
- l. The specifications of Rising Mains system (bus duct, bus trucking, etc) including Installation, Operation & Maintenance shall conform to relevant IEC i.e IC-IC61439-part6-2012.
- m. MSEDCL will provide, operate and maintain power supply system up to point of distribution mains at ground floor and further power supply system up to individual point of supply, inclusive of rising bus bar arrangement excluding energy meters, will be provided by the consumer.

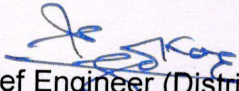
An agreement to be executed between MSEDCL and the consumer before releasing the connection, the copy of sample agreement is attached herewith.

The Superintending Engineer O&M Circle in coordination with the Superintending Engineer (TQA) will be competent authority to accord sanction to drawings, specifications & Installation of Energy meters on floor through High Riser

Bus observing the above conditions and as per Technical Specifications and Standard Installation practices of MSEDCL.

The above circular is available on MSEDCL website www.mahadiscom.in . No hard copy will be issued to any office.

Encl: As above.


Chief Engineer (Distribution)

Copy s.wrs.to:

- 1) The Director (Operations), MSEDCL, Corporate Office, Mumbai.
- 2) The Executive Director (O&M), MSEDCL, Corporate Office, Mumbai.
- 3) The Joint Managing Director, MSEDCL, Konkan/ Aurangabad Region.
- 4) The Regional Director, MSEDCL, Nagpur/ Pune Region.

Copy f.w.cs. to: The Chief Engineer, MSEDCL, All O&M Zones.

- Copy to: 1. The Superintending Engineer, MSEDCL, All O&M Circles.
2. The Superintending Engineer (TQA), MSEDCL, All Region offices.

MSEDCL

AN AGREEMENT MADE this day of between the Maharashtra State Electricity Distribution Company Limited a Company incorporated under the Indian Company Act of 1913, having its Registered office at ----- (hereinafter referred to as "Utility" which expression shall unless repugnant of the context or meaning thereof Include its successors) of the one part and ----- (hereinafter will be referred as "consumer" which expression shall unless repugnant to the context or meaning thereof include its successor & permitted assign) of the other part.

WHEREAS

1. The consumer is an owner and in possession of a Multi-storied building namely " at (hereinafter referred to as "said premise")
2. The utility is a Distribution License and is in the business of inter alia, distribution and supply of electricity within the licensed area.
3. The consumer is already receiving power supply on LT side for the said Premise from the Utility (This clause is applicable only when the consumer is already receiving supply).
4. The consumer has requested the Utility for power supply on LT side for the said Premise.
5. The consumer further represented that there is no ample space at the ground floor of the said Premise for the purpose of meter room and thus the consumer has proposed for floor wise/ intermittent floor wise metering, by Installation of Rising Mains System (Bus Duct).
6. The Utility, relying upon the representation and proposal of the consumer, agreed for arrangement of rising mains system (Bus Duct) as per the terms and conditions recorded hereinafter.

(The Utility and consumer, are hereinafter collectively referred to as "The parties" and severally as "The party")

NOW THE PARTIES HEREBY AGREE AS FOLLOWS:

- 1) The consumer shall provide the utility, Space for sealed meters within the sealed enclose in the electrical room/s on every floor, which is accessible to the Utility's personal round the clock, through the service door. It is also agreed between the parties that the consumer and its successors shall be and MSEDCL shall never be responsible for maintenance of such Bus Duct. Further, the consumer has to ensure that all the customers(Prospective Consumer) who shall be occupying and has taking supply from utility agreed to indemnify Utility from meeting the Standard of Performance, if there is any fault/ damage in Bus Duct.
- 2) It is further agreed that the consumer shall not take within the said duct any other service lines/pipes, which is being provided for Rising Mains Systems.

- 3) It is agreed between the parties that the Utility shall no way be responsible for the maintenance of the Rising Mains system and also for nay electrical breakdowns/Accident/Fire/High voltage damages to property and human arising out of Rising Mains Systems for whatsoever reason and that the consumer shall keep Utility Indemnified against any loss, liability, damage or prejudice of whatsoever nature which the Utility may be fastened with in this regard.
- 4) The consumer shall provide fire barriers for Rising Mains System at every floor crossing.
- 5) It is agreed between the parties that the consumer shall provide Fire Resistance Barriers for sealing the Rising Main/floor opening on each floor.
- 6) It is agreed between the parties that the consumer shall have fire resistant Duct wherein the Grease (FRGD) is used for the Bus riser.
- 7) It shall be obligatory on the part of consumer to provide fire fighting system (preferably CO2, DCP extinguishers and Fire Hydrant System). It is also preferred to have Fire Detection system on each floor.
- 8) It shall be responsibility of the consumer to obtain clearance from Chief Fire Officer (CFO), Electrical Inspector (EI) and any other statutory authorities for the Bus Duct system.
- 9) The consumer shall be prohibited to have Parallel operation of two transformers. The Parallel operation up to transformers can be done momentarily only in case of emergency and after obtaining permission from the utility for change over only.(The clause is applicable only where there is distribution franchisee model).
- 10) Further, in case if any additional tap off points requires by the consumer for releasing supply to additional customers, such tap-off points from the Bus Duct will be provided solely by the consumer in the consultation and in concurrence with the Utility.
- 11) It is agreed between the parties that there shall be no relocation of the Rising Mains system or any the metering room at each floor of the said premise. In case of any type of relocation the consumer shall bear the total charges for such relocation, including getting all statutory and regulatory approvals.

SIGNED AND DELIVERED by the)

For and on behalf of consumer)

In presence of

1.

2.