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CIRCULAR

Sub: - Use of Single Core unarmoured LT Power Cable for Distribution Transformer Centers.

The Department has been using three and a half Core armoured LT Power Cables for terminating secondary side of Distribution Transformer to ICTPN Switch in the distribution box. It is seen that when any one core of this cable is damaged/faulty the entire cable needs replacement thereby burdening the department financially, besides taking more time to completely replace the cable. Furthermore, while replacing the failed cable the current transformers used for metering purpose available on the failed cable core are not moved to the new cable thus resulting in non-functional metering of Distribution Transformer Centres.

It is therefore decided to use single core unarmoured LT Power Cable for terminating the Secondary side of Distribution Transformer to the distribution box instead of 3 ½ Core armoured LT Cable as a policy decision. In the fresh estimates for all new proposals of Distribution Transformer centers, single core XLPE Insulated PVC Sheathed cables conforming to IS:7098 Part-I/1988 with latest amendments of size 95 sq mm for 100KVA and of 185 sq mm for 200KVA respectively for both phase and neutral from Distribution Transformer to Distribution box and required size from ICTPN to feeders for feeder cables should be proposed.


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Chief Electrical Engineer

Copy to:

- 1) The Superintending Engineer, Circle-I (S) Margao, Circle-II (P) Panaji.
- 2) The Executive Engineer Division-I, III, IV, V, VI, VII, VIII, IX, X, XI, XII, XIII, XIV, XVI, XVII, Panaji, Ponda, Margao, Bicholim, Mapusa, Curchorem, Margao, Tivim, Vasco, Xeldem, Kadamba Plateau, Verna for information and necessary action.