KARNATAKA ELECTRICITY REGULATORY COMMISSION

No. 16 C-1, Miller Tank Bed Area, Vasanth Nagar, Bengaluru- 560 052.

NOTIFICATION KERC/KEDC/2024-25/1345, dated: 20.01.2025 Draft Karnataka Electricity Distribution Code (KEDC), 2024

CONTENTS

Clause No:	Subject	Page No:
Preamble		3-4
1	Short title, extent, and commencement	
Chapter-1:	Definitions	5-8
Chapter-2:	Introduction / Objectives	9-14
2.1	General	
a.	Distribution Planning Code	
b.	Distribution Operation and Maintenance Code	
с.	Safety Standards for Distribution System.	
2.2	Applicability	
2.3	Implementation	
2.4	Implementation and Review of the Distribution Code	Э
a.	Introduction	
b.	Members of the Distribution Code Review Panel	
С.	Functions of the DCRP	
2.5	Management of Distribution Code	
2.6	Unforeseen Circumstances	
2.7	Non-Compliance	
Chapter-3:	Distribution Planning Code	14-41
3.1	Distribution Planning Code Objectives	
3.2	System Construction and Security Planning	
3.3	Planning Procedure	
3.4	Planning Standards	
3.5	Energy Audit	
3.6	System Construction and safety Standards	
3.7	Voltage and Current Harmonics	
3.8	Voltage Regulation	
3.9	Design Criteria for Distribution Lines	
3.10	Reliability Analysis	
3.11	Standardization of Design of Distribution Transformer	S
3.12	Quality Assurance Plan (QAP)	

3.13	Standardization of Sub-Station Layouts		
3.14	11 KV / 400 V – 3 Phase Distribution Transformer Cente	ers	
3.15	Reactive Power Compensation		
3.16	Service Mains		
3.17	Metering Arrangement		
3.18	Safety Standards for Distribution System		
Chapter- 4	: Distribution Operation and Maintenance Code	42-66	
4.1	Scope		
4.2	Establishment of Distribution Control Centres (DCC)		
4.3	Functions of DCC		
4.4	Demand Estimation		
4.5	Outage Planning		
4.6	Contingency Planning		
4.7	Distribution System Failure		
4.8	Failure of the Apparatus of the Transmission Licensee		
4.9	Demand Management and Load Shedding		
4.10	Interface with Small Generating Units including CGPs		
4.11	Metering and Protection		
4.12	Communication		
4.13	Voltage and Power Factor Monitoring and Control		
4.14	Safety Co-Ordination		
4.15	Maintenance and Testing		
4.16	Tools and Spares		
4.17	Training		
4.18	Distribution System Construction, Operation and Maintenance Standard		
4.19	Operational Criteria		
4.20	Maintenance		
4.21	Inspection		
Chapter – S	5: Miscellaneous	67	
5.1	Power to Relax		
5.2	Power to Remove Difficulty		
5.3	Repeal and Savings		
5.4	Issue of Suo-Motu Orders and Practice Directions		