

10kV电网结构示意图

摘自 《配电网规划设计技术导则》
DL/T 5729-2023

目录

附录A 110kV~35kV电网结构示意图

附录B 110kV~35kV变电站电气主接线示意图

附录C 10kV电网结构示意图

附录D 220/380V电网结构示意图

附录 A 110 kV~35 kV 电网结构示意图

A.0.1 辐射

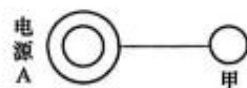
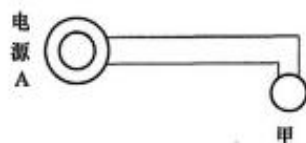
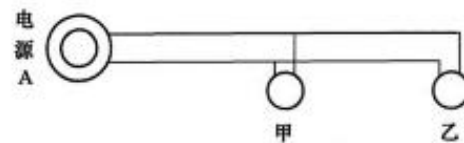


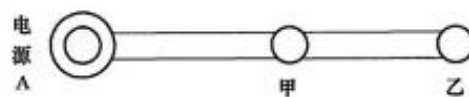
图 A.0.1-1 单辐射



(a)

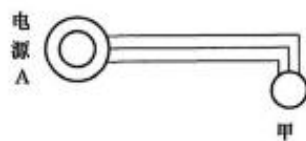


(b)

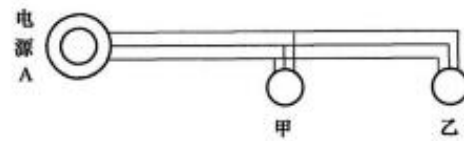


(c)

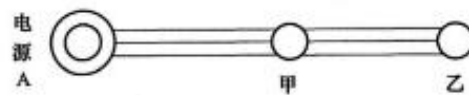
图 A.0.1-2 双辐射



(a)



(b)



(c)

图 A.0.1-3 多辐射

A.0.2 环网（环型结构，开环运行）

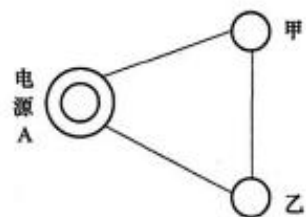


图 A.0.2-1 单环网

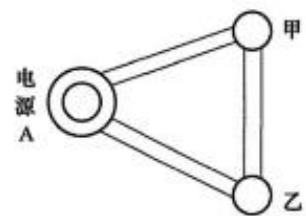


图 A.0.2-2 双环网

A.0.3 链式

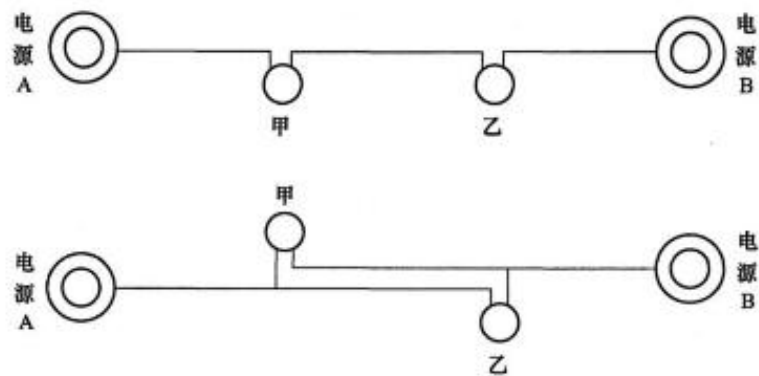


图 A.0.3-1 单链

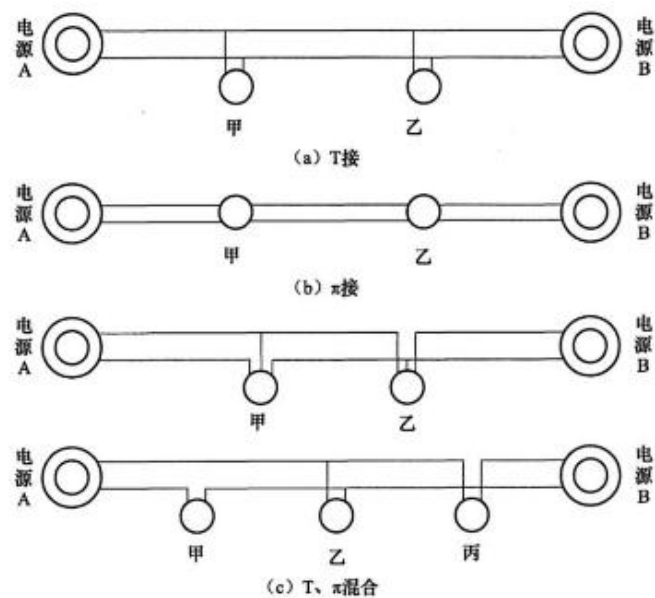


图 A.0.3-2 双链

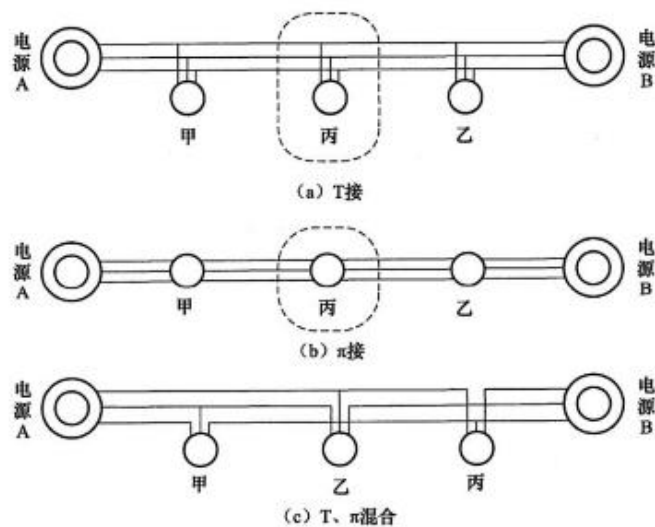


图 A.0.3-3 三链

附录 B 110 kV~35 kV 变电站

电气主接线示意图

B.0.1 单母线

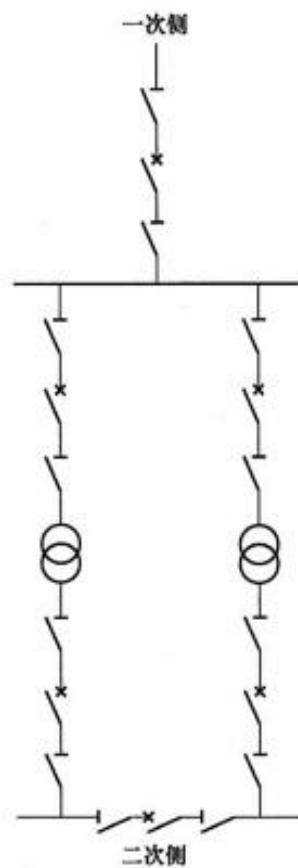


图 B.0.1 单母线

B.0.2 单母线分段

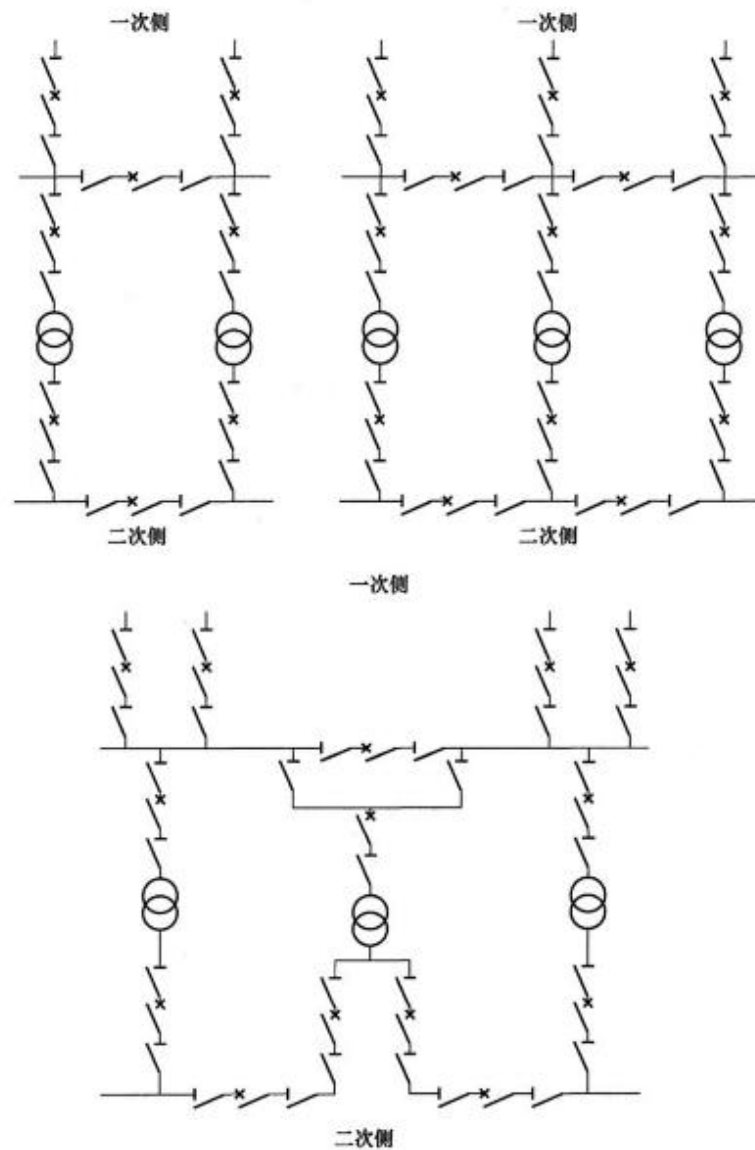


图 B.0.2 单母线分段

B.0.3 桥式

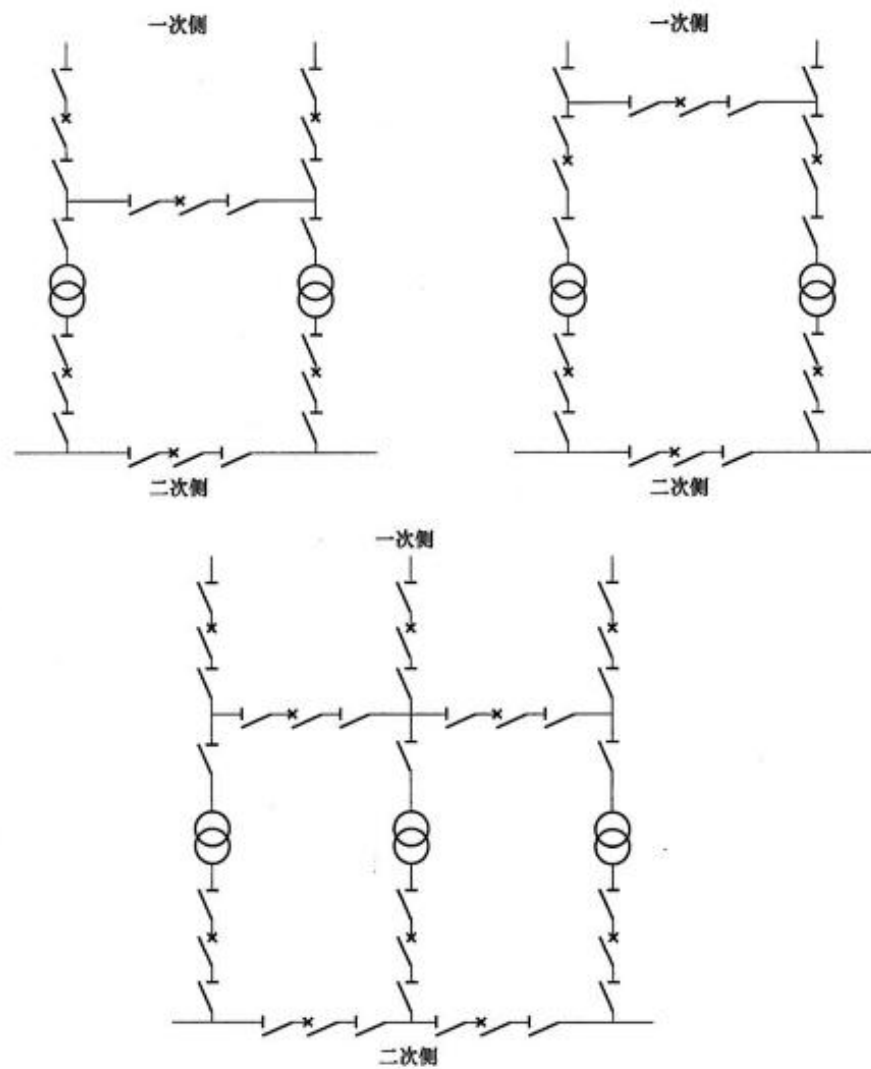


图 B.0.3 桥式（内桥、外桥、扩大内桥）

B.0.4 线变组

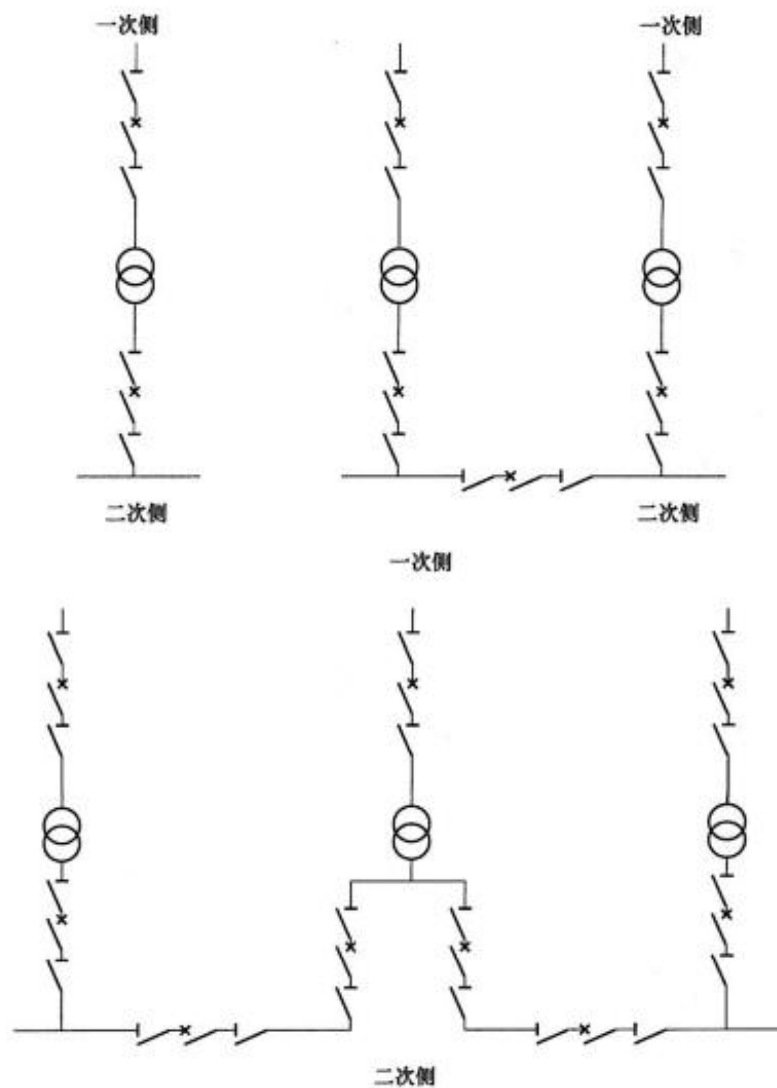


图 B.0.4 线变组

B.0.5 环入环出

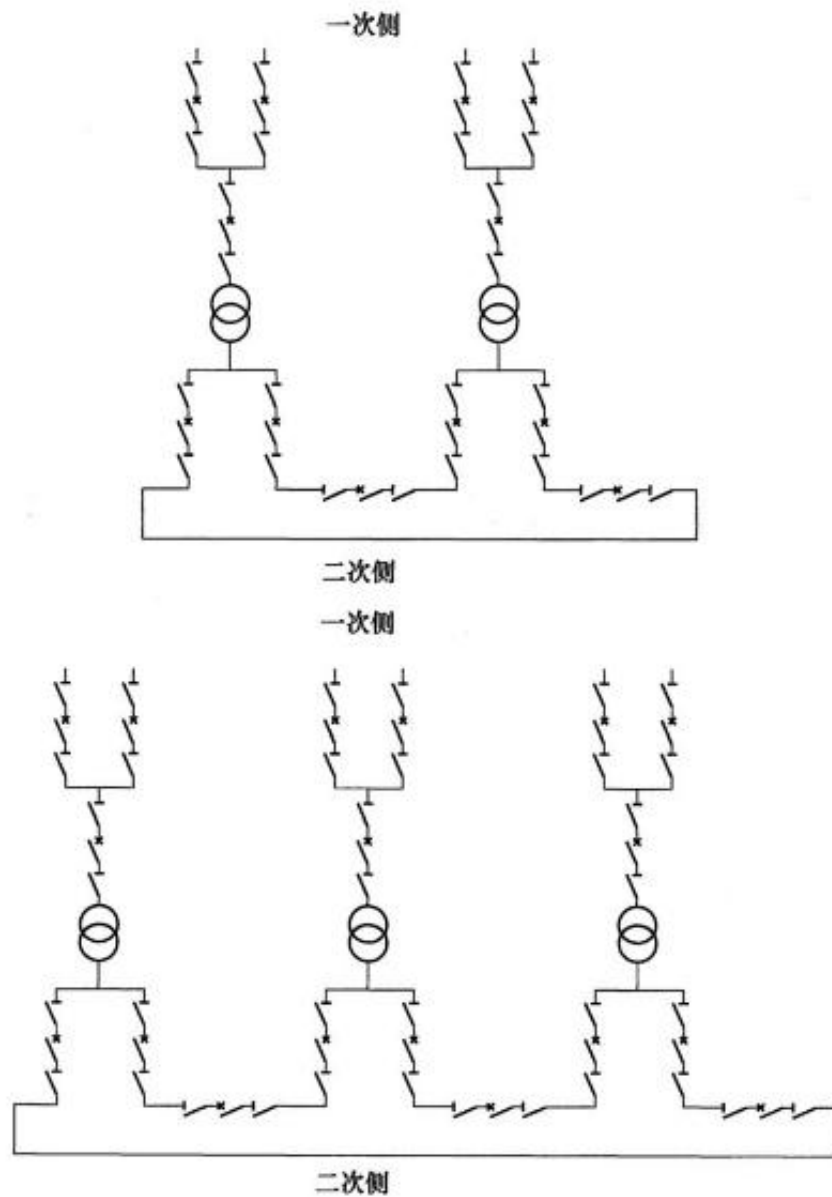


图 B.0.5 环入环出 (仅适用于电缆 T 接方式)

C.0.1 架空网

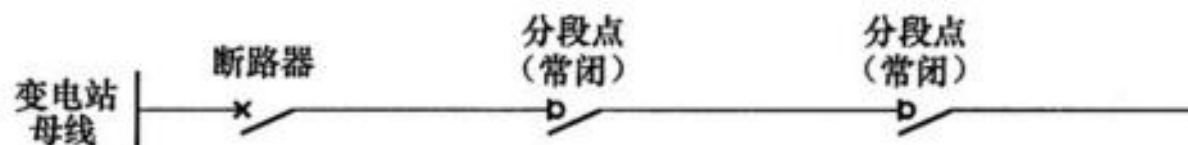


图 C.0.1-1 多分段单辐射

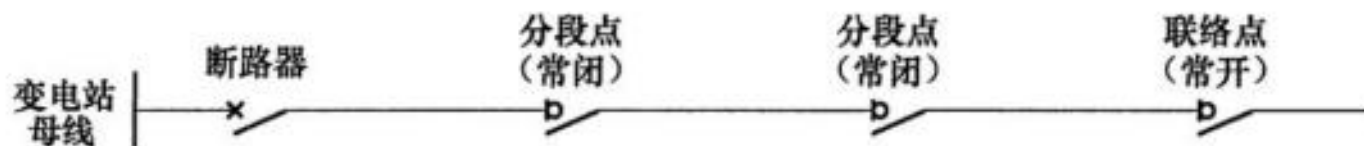


图 C.0.1-2 多分段单联络

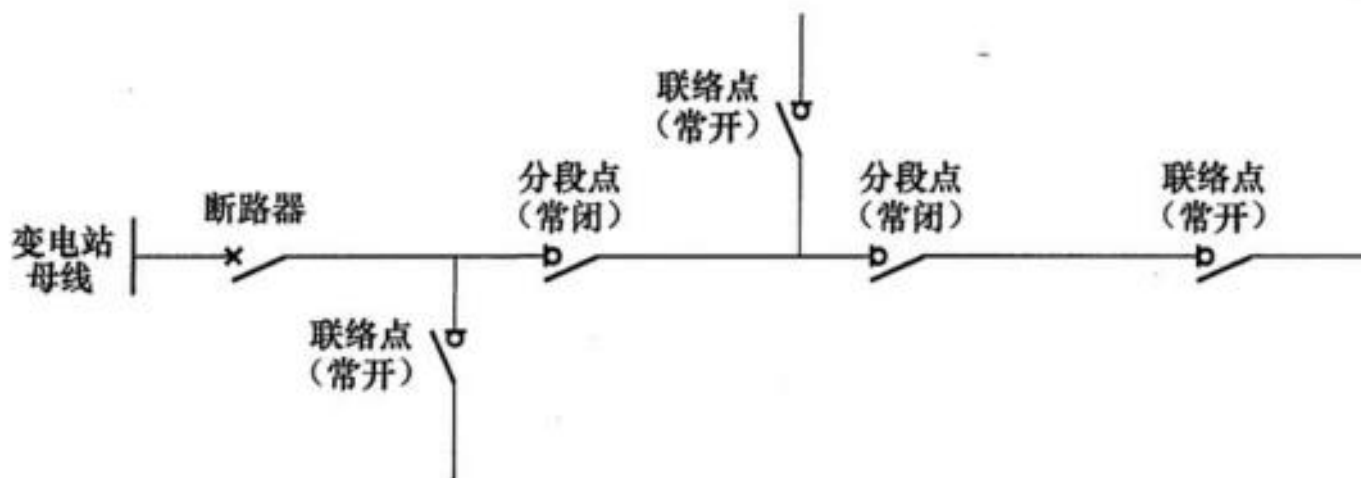


图 C.0.1-3 多分段适度联络

C.0.2 电缆网

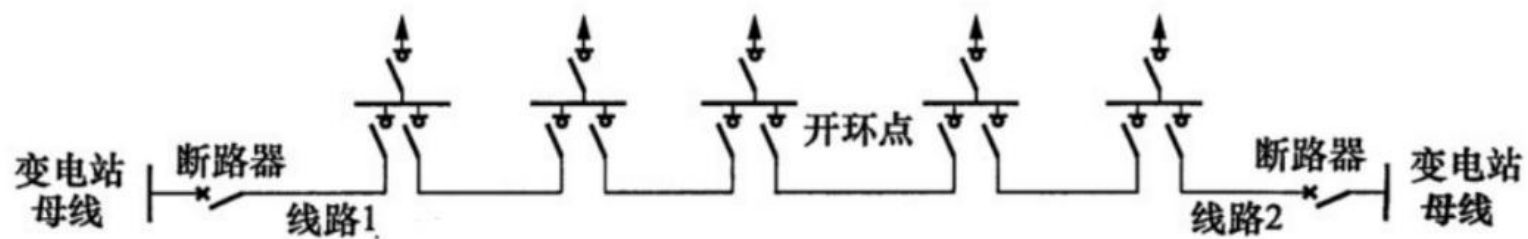


图 C.0.2-1 单环式

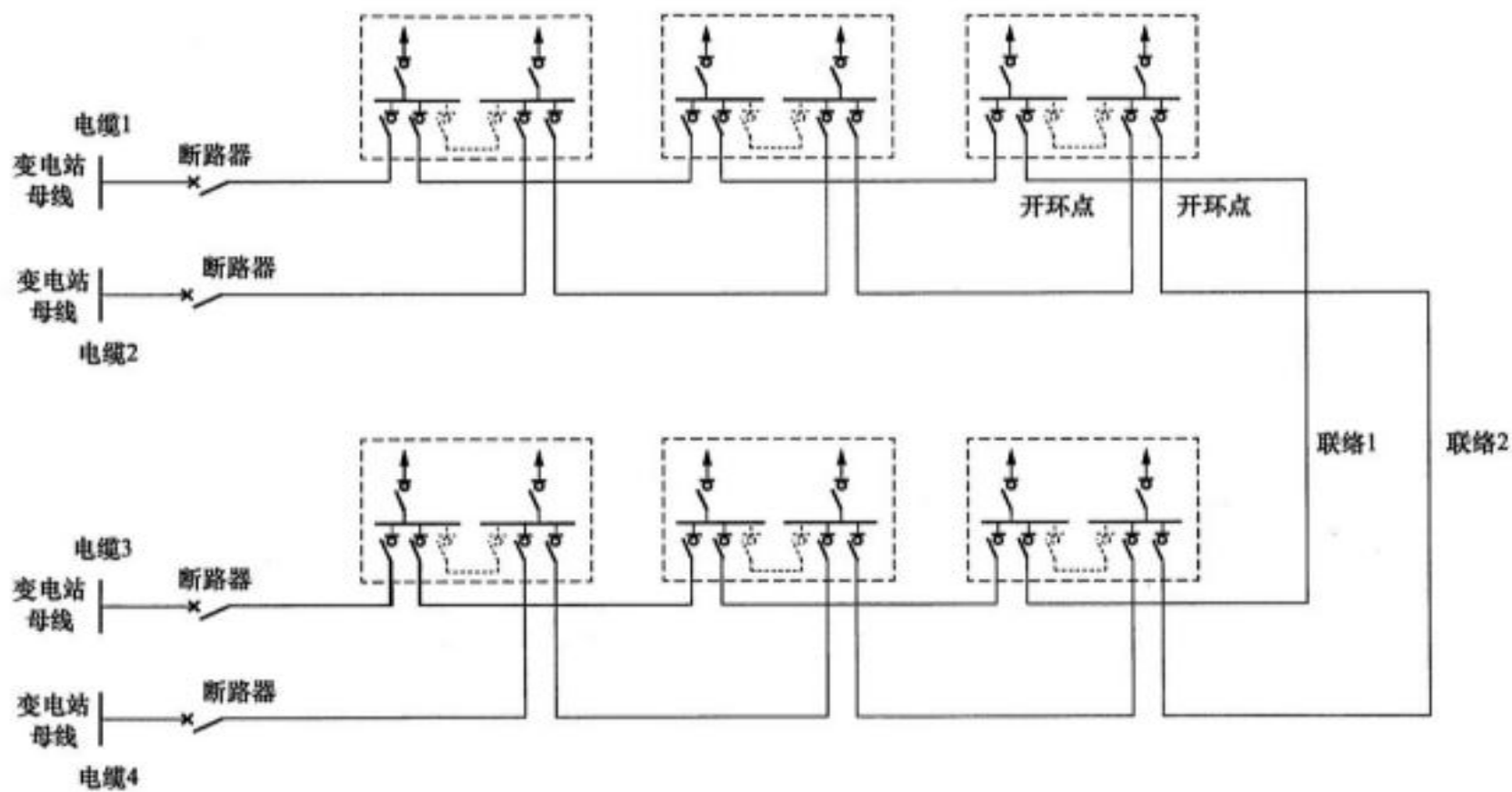


图 C.0.2-2 双环式

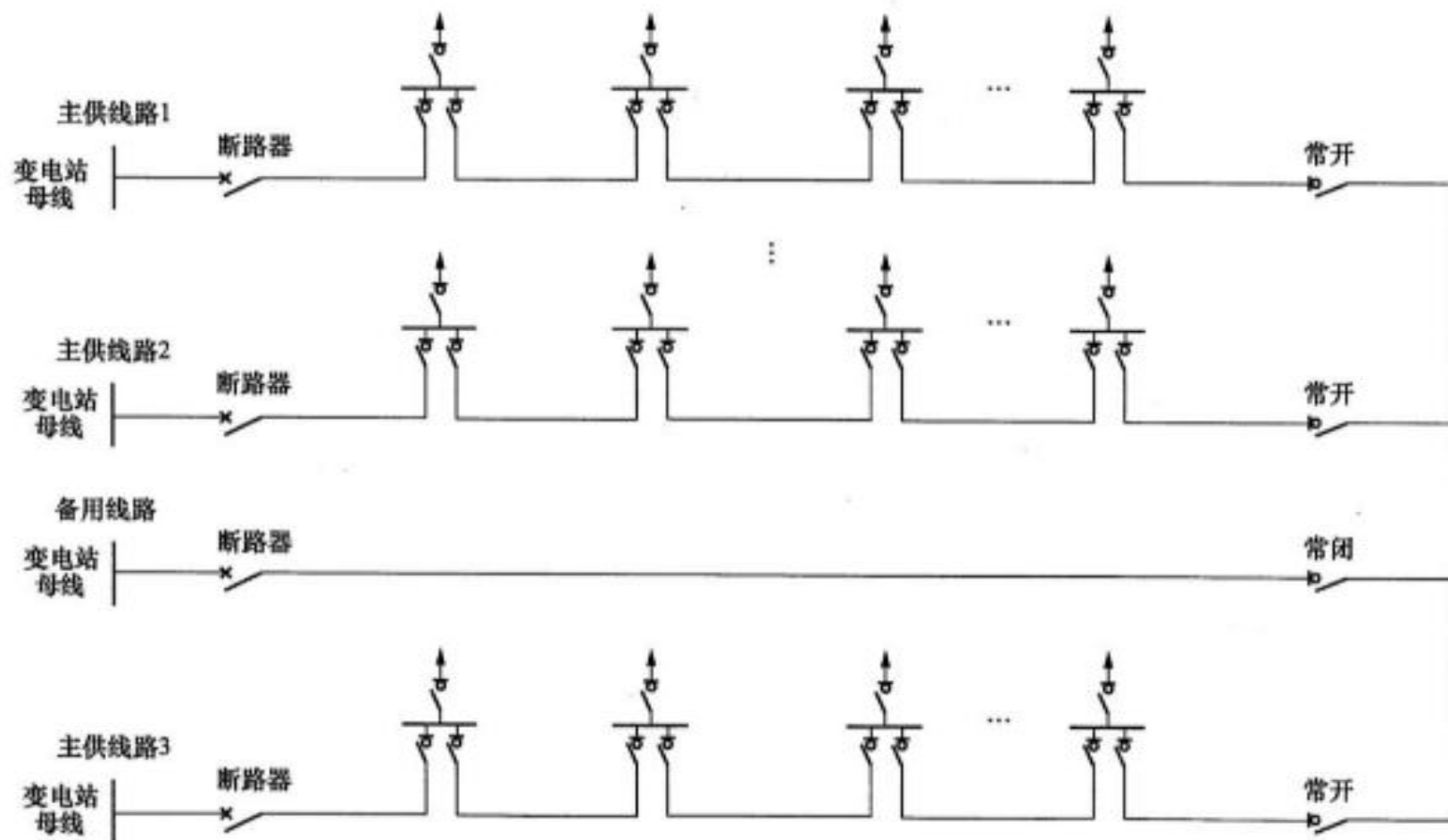


图 C.0.2-3 N 供一备 ($2 \leq N \leq 3$)

附录 D 220/380 V 电网结构示意图

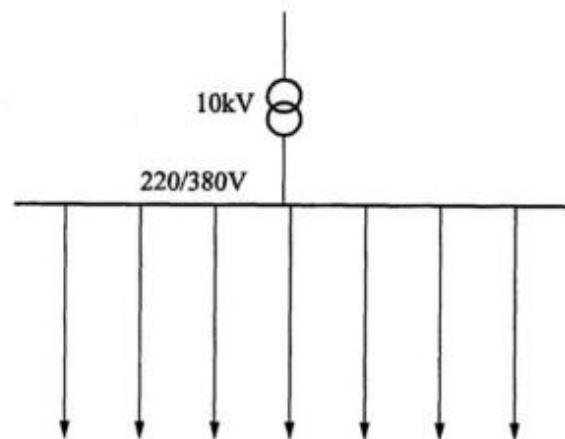


图 D.0.1 放射型

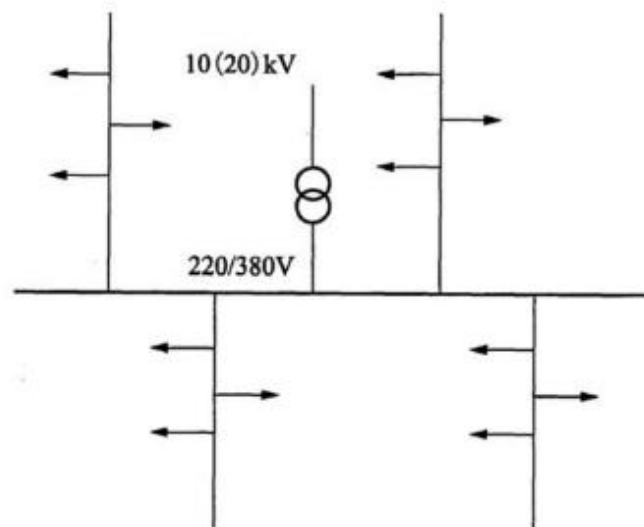


图 D.0.2 树干型

