

Download Manual For EHV Substation Equipments

As operating and maintaining such a vast EHV Transmission network is a complex process, it is of utmost importance that a documented Operations and Maintenance Manual is prepared and published to ensure standardization of processes, safety of equipment and manpower. CONSTRUCTION MANUAL FOR GRID SUB-STATIONS. 2 CONSTRUCTION MANUAL FOR SUBSTATIONS CONTENTS 1. Electrical Substation ... A typical EHV AC substation has following essential features: Outdoor/ Indoor Switchyard having the EHV/ MV & LV Switchgears/ Equipments, Busbars (main and Jack buses). ...Types and Configurations of EHV/EHV and EHV/HV Substations The Role of EHV/EHV and EHV/HV Substations in Transmission Network EHV And HV Equipments Types of EHV/EHV And EHV/HV Substations Common Configuration of EHV/EHV and EHV/HV Substations Complementary Installations Of EHV/EHV And EHV/HV Substations Busbar aspects of substation construction for both Greenfield and Brownfield substation projects to meet the performance expected by Ergon Energy. The manual is applicable for all substation projects regardless of internal/external construction delivery mode. The Substation Construction Manual is not intended to replace Asset Management Standards, but