

AUTOMATIC TRANSFER SWITCHES

DESIGN GUIDELINES

1. Summary:
 - a. This section provides guidelines and standards for Automatic Transfer Switches (ATS).
2. Design
 - a. Transfer switches shall be closed transition type except for Medium Voltage transfer switches which shall be as instructed by engineer. Provide protective relays (shunt trip) as required by the Utility company for closed transition ATS's.
 - b. Furnish transfer switches with bypass/isolation feature on all new construction and where physical space allows on existing buildings.
 - c. Provide with a 5 year warranty.
 - d. Furnish with load shed contacts.
 - e. For ATS's that serve elevators, provide pre-transfer contacts and connect to elevator controller for controlled shut down of elevator prior to transfer.
 - f. Provide dedicated ATS's for each elevator machine room grouping of elevators.
 - g. Provide 4" tall housekeeping pad for all floor-mounted ATS's.
3. Related Sections
 - a. Emergency Power Supply

EQUIPMENT and PRODUCT REQUIREMENTS

1. ATS
 - a. Approved Manufacturers:
 - ASCO 7000 Series with Communication Package (Preferred)
 - Russ Electric or other brands on approval from WUSM.

END OF SECTION