



1. EMERGENCY OR STANDBY GENERATORS

1.1. Emergency or standby generators used to supply, part or all, of Customer's load during an emergency power outage, shall be connected to the customer's wiring through a double throw, open-transition (break-before-make) transfer switch specifically designed and installed for that purpose and listed to UL1008. The transfer switch shall be of a fail-safe mechanical throw over design, which under no circumstances will allow the generator to electrically interconnect or parallel with the Service Provider's system. The transfer switch shall always disconnect the customer's critical load from the Service Provider's power system prior to connecting it to the generator. Conversely, the transfer switch shall also disconnect the load from the generator prior to reconnecting it back to the Service Provider's system. These requirements shall apply to both actual emergency operation as well as to testing the generator. All transfer switches and transfer schemes, must be submitted to Design Services with a New Construction Application and receive approval prior to purchase and installation of any equipment. After Company review and approval all installations must be inspected and receive approval from the Authority Having Jurisdiction. Customers installing a manual or automatic transfer switch will be required to provide the following information to Design Services;

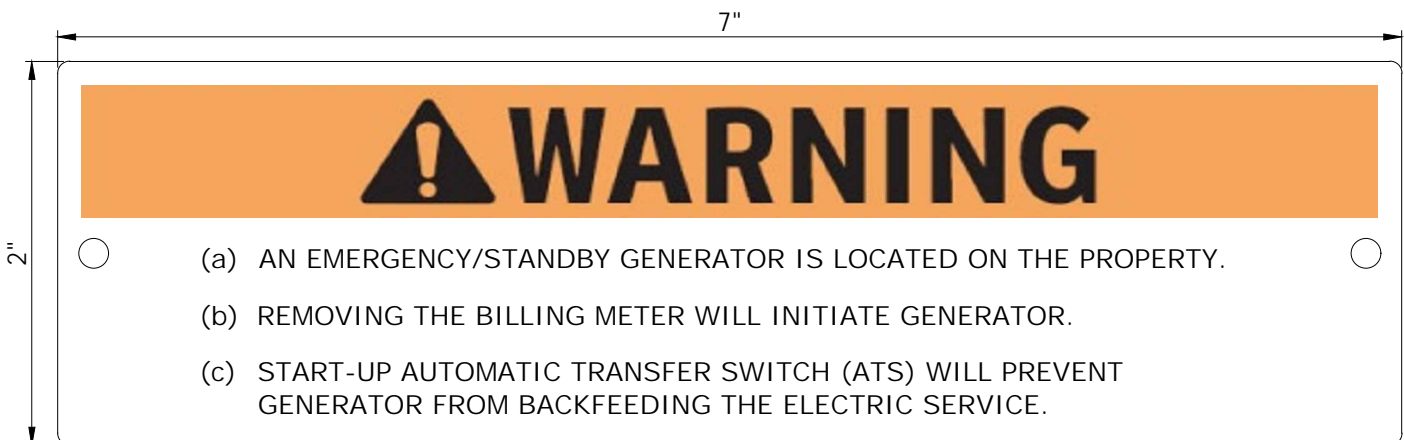
- A. Documentation from the manufacturer indicating that the transfer switch is open transition (break-before make), listed to UL 1008 (Standard for Transfer Switch Equipment), and the AIC rating of the transfer switch.
- B. One line diagram of the system.

NOTE: Customer to ensure, transfer switch and associated equipment, are installed and labeled in accordance with the NEC and all applicable requirements of the local Authority Having Jurisdiction.

1.2. Portable generators are not designed, nor intended to connect to a building's permanent wiring system and shall not be connected to any such wiring, unless a permanent and approved transfer switch is used. Failure to use a transfer switch can result in backfeed into the Service Provider's system - the generator voltage can backfeed through the transformer and be stepped up to a very high voltage. This can pose a potentially fatal shock hazard to anyone working on the power lines.

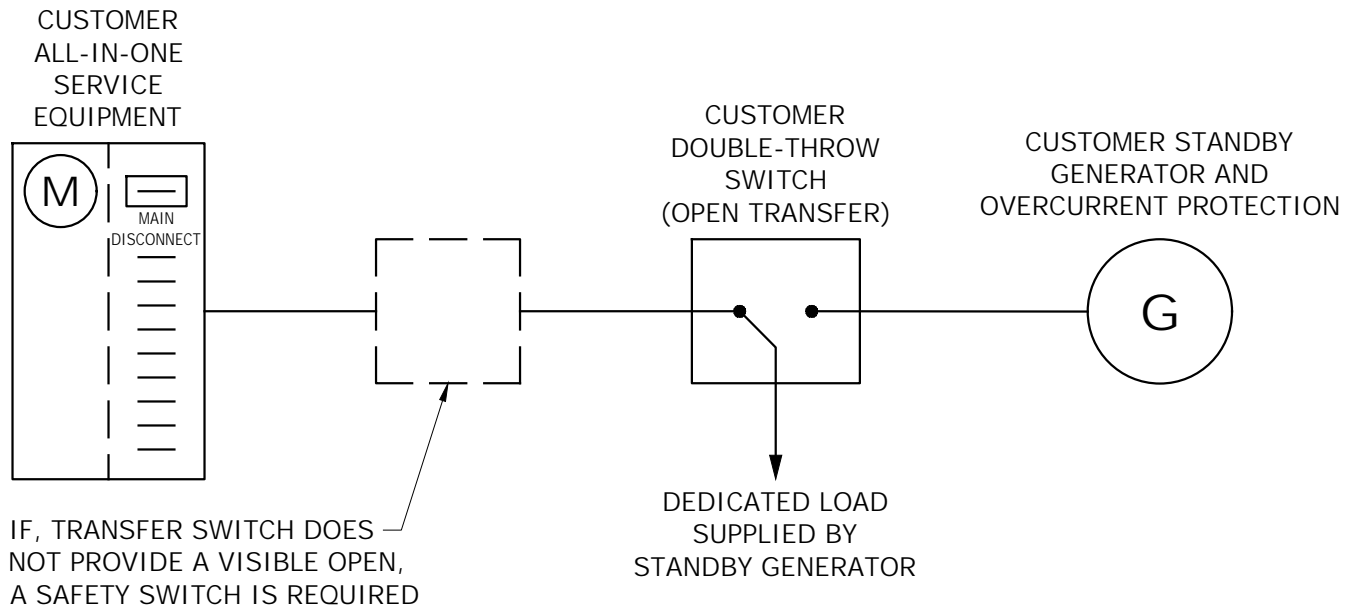
2. PLACARDS/WARNING SIGN:

2.1. Emergency or Standby Generators that operate in an open transition mode by means of an automatic transfer switch as described herein are required to include a warning sign located at the SES. Warning sign will be provided to customer by Design Services, upon approval of the transfer switch. Customer will be responsible for installation. Inspection of sign installation will be completed by Design Services, prior to energization of system.





CONNECTION OF STANDBY GENERATOR SUPPLYING ONE CIRCUIT



CONNECTION OF STANDBY GENERATOR SUPPLYING CUSTOMER'S ENTIRE LOAD

