



UPPER MACUNGIE TOWNSHIP

Residential Generator / Optional Standby System Submittal Guide

All work shall meet the requirements of the 2015 International Residential Code and the 2014 National Electrical Code including Sections 445 & 702.

Please utilize the checklist below before submitting an application:

Provide a scope of work explaining all work to be performed.

Provide a plot plan showing all equipment locations.

Provide a one-line diagram detailing all electrical data, grounding, conductor, raceway, disconnecting means, equipment sizing & etc.

Confirm correct workspace for the generator, transfer switch & all other associated equipment.

Provide all necessary measurements & manufacturer's installation instructions confirming the correct location of the generator and exhaust location from windows, air intakes or other parts of the residence.

Confirm generator fuel type & installation data.

Provide mechanical data & installers' information for a fuel gas installation including meter sizing.

Provide design data for the pad or other generator support.

Confirm if a separately derived system with a switched neutral conforming to system grounding per 250.30 or a non-separately derived system with a solid neutral to be grounded as listed in 250.35.

Provide the manufacturers installation instructions for the generator, transfer switch & equipment.

Provide the exact language for all labels at the electrical panel, generator disconnect, transfer switch, electric meter, etc. See Articles 445 & 702.7C.

Confirm automatic transfer equipment is adequately sized for all connected loads.

Confirm manual transfer equipment has adequate capacity for all equipment arranged to be used at one time. Provide load scheme for managing the available power.

Provide UL or other listing information documenting suitability of all equipment. IRC Table E3705.1 & NEC Table 310.15B16 both require #3 Cu or #1 AL or 100 amp feeder conductors.

R105.8 Responsibility. It is the duty of every person who performs work for the installation or repair of building, structure, electrical, gas, mechanical, or plumbing systems for which this code is applicable to, comply with the code.