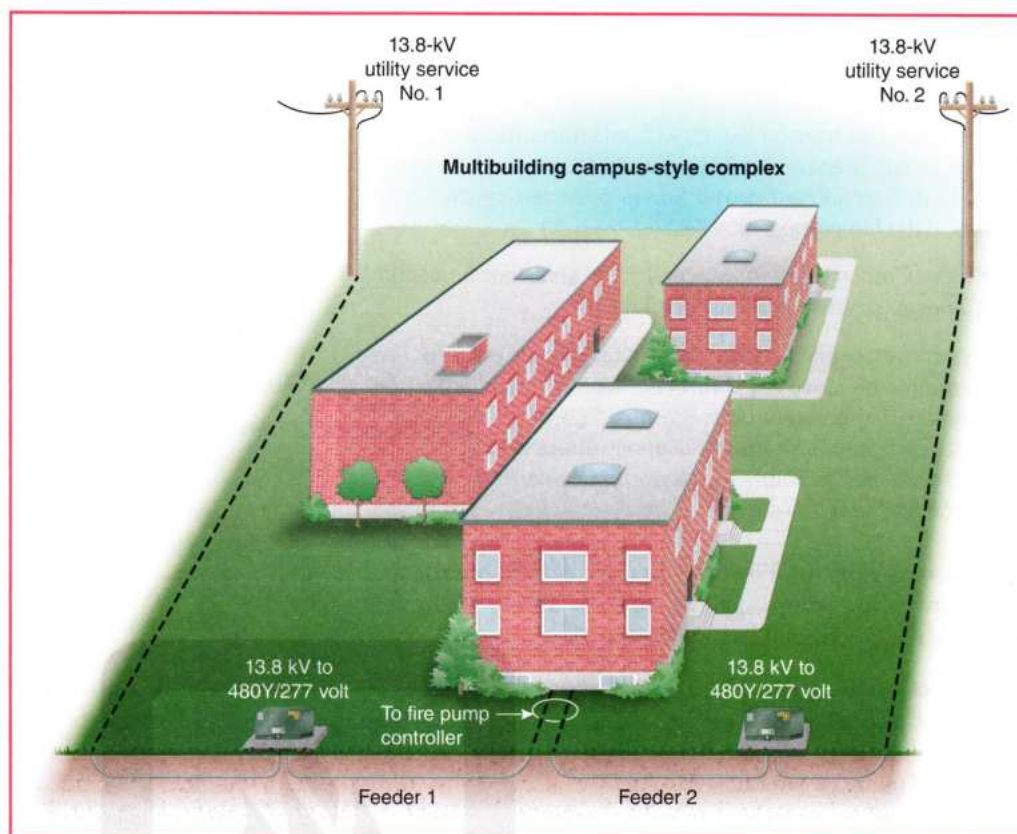


**EXHIBIT 695.3** Multiple feeder sources for campus-style application.



Automatic shedding of one or more optional standby loads in order to comply with this capacity requirement shall be permitted.

Only the sources specified in 695.3(A)(1) through (A)(3) are required to be capable of indefinitely carrying the locked-rotor current of the fire pump motor. On-site standby generators are required only to be capable of carrying the starting and running current of the fire pump motor. The generator disconnecting means and the OCPD(s) for the electric-driven fire pump are not required to be sized for locked-rotor current of the fire pump motor(s).

**(2) Connection.** A tap ahead of the generator disconnecting means shall not be required. [20:9.6.1.2]

**(3) Adjacent Disconnects.** The requirements of 430.113 shall not apply.

**(E) Arrangement.** All power supplies shall be located and arranged to protect against damage by fire from within the premises and exposing hazards. [20:9.1.4]

Multiple power sources shall be arranged so that a fire at one source does not cause an interruption at the other source.

A risk assessment should be performed to determine potential fire hazard exposures to the installation. Determining compliance of the installation with this section requires review of individual building or structure characteristics. The type of construction, type of content, proximity of the building to other

hazard exposures, and the location of the primary and alternate power sources for the fire pump should be considered.

**(F) Transfer of Power.** Transfer of power to the fire pump controller between the individual source and one alternate source shall take place within the pump room. [20:9.6.4]

**(G) Power Source Selection.** Selection of power source shall be performed by a transfer switch listed for fire pump service. [20:10.8.1.3.1]

Transfer switches specifically listed for fire pump service must meet additional requirements in the product standards, such as the following:

- They must be electrically operated and mechanically held. This eliminates contactor-type transfer switches or schemes that do not include a mechanical latching mechanism.
- They must be horsepower or ampere rated. Where rated in horsepower, the transfer switch must have a horsepower rating at least equal to the motor horsepower. The listing requirements for short-circuit current rating of transfer switches is a function of the OCPD installed ahead of the switch. Because the OCPD must be sized to at least 600 percent of the full-load current of the fire pump motor(s), the switch must be sized to coordinate with the OCPD rating.

**(H) Overcurrent Device Selection.** An instantaneous trip circuit breaker shall be permitted in lieu of the overcurrent devices