

ESR-2: Overhead Service Connections 0-600 V

1.0 Overhead Service — General Information

Overhead service is not available in underground designated locations. Overhead service will not be supplied to any building or premises in an area designated as underground facilities only by the Company or local jurisdiction. In areas where both overhead and underground service facilities exist, the Company shall be consulted for determination of the type of service which will be supplied.

2.0 Combination Loads

Consult the Company for proper rate and meter location. Refer to ESR-5 for service voltage grounding.

2.1 Single-Phase Service — 120/208 V, 120/240 V, 240 V, and 240/480 V

The maximum rating of an individual meter switch for 120/208 V, three-wire service is 200 A. Normally for 120/240 V or 240 V service, the maximum meter switch rating is 400 A. Under certain operating conditions, permission may be granted for installation of 600 A service equipment for an individual 120/240 V or 240 V load. Otherwise, two separate 400 A service installations, or three such installations of 400 A or more, may be required, and totalized metering will normally be available. Consult the local Service Planning Office for requirements.

On multiple-occupancy buildings consult the local Service Planning Office for load requirements. See ESR–5 for group metering requirements.

2.2 Three-Phase — Four-Wire Service

Service will only be supplied to a residence if three-phase facilities are available at the location or there is one motor of more than 10 horsepower.

2.3 Three-Phase — Four-Wire — 120/208 V Wye Service

Service may be supplied at 120/208 V wye, provided the Company maintains a four-wire, 120/208 V wye system, or the customer's load would require an individual transformer installation of not less than 15 kVA; and, the transformer installation will be located on the customer's premises, when, in the opinion of the Company, such space is considered necessary.

2.4 Three-Phase — Four-Wire — 277/480 V Wye Service

Service will be supplied at 277/480 V wye. The transformer installation will be located on the customer's premises, when, in the opinion of the Company, such space is considered necessary.

2.5 Three-Phase — Four-Wire — 120/240 V Delta Service

Service may be supplied at 120/240 V three-phase, four-wire delta, provided the Company maintains a four-wire delta secondary system; or the installation requires not less than 15 kVA of transformer capacity; the unbalance between phases is less than 100 kW, and the service transformers will be located on the customer's premises, when, in the opinion of the Company, such space is considered necessary.

EFFECTIVE DATE		
01-28-2022	Overhead Service Connections 0–600 V	ESR-2
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