

Metering Equipment: Material Requirements

MANUFACTURING REQUIREMENTS

NV Energy (NVE) is a member of the Electric Utility Service Equipment Requirements Committee (EUSERC) and as such, will accept certain metering and service equipment that is designed and built in accordance with EUSERC's current standard practices.

The NVE approved EUSERC drawings are listed below:

NVE	EUSERC	TITLE
RPM-4	304	Safety Socket Box with Factory Installed Test-Bypass Facilities, 100A
RPM-5	305	Safety Socket Box with Factory Installed Test-Bypass Facilities, 200A
RPM-6	306	Self-Contained Meters Installed in Switchboards 0-200A
RPM-11	311	Test-Bypass/Disconnect Block for Safety Sockets, 100 and 200A
RPM-12	312	Test-Bypass/Disconnect Block for Safety Sockets, 100 and 200A (Bussed and/or Cable Term)
RPM-13	313	Combination Current Transformer Cabinet and Meter Socket Panel for Overhead Services 400A
RPM-14	314	Combination Current-Transformer Cabinet and Meter Socket Panel for Underground, 40A
RPM-15	315	Combination Disconnecting Device and Terminating Enclosure
RPM-16	316	Current Transformer Cabinet, 400A
RPM-17	317	Current Transformer Cabinet, 1-Phase, 600A
RPM-18	318	Current Transformer Cabinet, 3-Phase, 4 Wire, 800A
RPM-22	322	Instrument Transformer Compartment for Switchboards, 1001-300A, 3-Phase 4 Wire
RPM-24	324	Instrument Transformer Compartment for Switchboards, 3000A and Above, 3-Phase, 4 Wire
RPM-25	325	Standard Switchboard Service Section with Instrument Transformer Compartment
RPM-26	326	Standard Switchboard Service Section with Instrument Transformer Compartment & Filler Panel
RPM-27	327	Remote Metering Cabinet
RPM-28	328	Current Transformer Mounting Base, 1-Phase, 600a
RPM-29	329	Current Transformer Mounting Base, 3-Phase, 4 Wire, 800A
RPM-30	330	Removable Link & CT Support for Instrument Transformer Compartment with 4-inch Bus
RPM-31	331	Removable Link & CT Support for Instrument Transformer Compartment with 5-inch Bus
RPM-32	332	15-Inch Hinged Meter Panel
RPM-33	333	30-Inch Hinged Dual Socket Meter Panel
RPM-39	339	Safety Socket Box for Meter Used with Instrument Transformers
RPM-42	342	Combination Terminating Enclosure and Multi-Meter Panels for Residential Services, 6 Meter Maximum, 1-Phase, 3 Wire, 600A

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NVE	EUSERC	TITLE
RPM-43	343	Enclosures for Underground Service Termination
RPM-45	345	Underground Service Termination Standard Switchboard Service Section
RPM-47	347	Underground Service Terminating Facilities in Pull Boxes /Pull Sections
RPM-53	353	Clearances for Residential Multiple Meter Installations
RPM-54	354	Outdoor Raintight Enclosures for Switchboards
RPM-401	401	High Voltage Metering Enclosure, 2400-27,000V
RPM-402	402	Mounting Pattern for Instrument Transformers, 2400-27,000 Volt Service
RPM-404	404	Hinged Meter Panel with Dual Socket for 2400-27,000 Volt Service
RPM-408	408	Indoor Current Transformer Dimensions for Metering Purposes 5-15kV
RPM-410	410	Voltage Transformer (VT) Dimensions, 5-15kV Outdoor
RPM-411	411	UG Service Terminating Pull Section, 3-Phase, 4 Wire, 2400-4800V & 7200-17000V
RPM-412	412	Busway Service Head, 3-Phase, 3 or 4 Wire, 750 to 34500V
RPM-413	413	High Voltage Metering Enclosure, 3 Phase, 4 Wire, 4160V, 0-800A
RPM-414	414	High Voltage Metering Enclosure, 3 Phase, 4 Wire, 4160V, 801-3000A

For more information about EUSERC standards, go to (www.EUSERC.com) on the internet, or contact the NV Energy Meter Services Department at: (702) 402-6110.

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