

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

WALLA WALLA COUNTRY CLUB,)	
)	
Complainant,)	DOCKET UE-143932
)	
v.)	
)	
PACIFIC POWER & LIGHT)	
COMPANY,)	
)	
Respondent.)	
_____)	

EXHIBIT NO. RBD-__CX

EXCERPT OF SIX-STATE ESR

August 27, 2015

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SIX-STATE ESR

Electric Service Requirements Manual, 2nd Edition

Service and Metering Requirements for
Residential, Commercial, Agricultural, and Industrial Customers

Pacific Power | Rocky Mountain Power

Oregon
Washington
California

Utah
Wyoming
Idaho



This book and supporting documents are posted on the web at:
<http://www.pacificpower.net/esr>
<http://www.rockymountainpower.net/esr>

Approved meter service equipment is listed at:
<http://www.pacificpower.net/metersockets>
<http://www.rockymountainpower.net/metersockets>

6 Underground Requirements

6.1 General

The customer is responsible for providing all trenches, backfill, compaction, conduit, and equipment foundations. The customer shall meet the requirements described in this section to complete construction for underground installation of services. Consult the Power Company for conduit layout, and for equipment foundation requirements for secondary and primary extensions.

The customer shall give consideration to local ground and frost conditions such that the installation remains structurally sound.

The customer is responsible for ensuring that all conduit complies with Power Company requirements at the time of the cable installation. Conduit systems installed prior to written approval from the Power Company shall be subject to Power Company acceptance and the requirements of this manual.

6.2 Conduit Requirements

The Power Company owns and maintains the customer-installed conduit and the service lateral to the service point. The Power Company will install the underground cable from the Power Company's source to the service point. All services shall be installed in conduit.

Requirements:

The following list of requirements applies to all conduit installations:

1. The customer shall ensure that Power Company conduit is located away from (and never underneath) buildings, building foundations, or other structures (including retaining walls).
2. The customer is responsible for recognizing potential surface and subgrade water flows and coordinating with the Power Company to minimize potential runoff problems.
3. All raceways and conduit shall be sealed to prevent the infiltration of water into the electrical equipment.
4. The customer shall install fiberglass, electrical-grade PVC, or RMC conduit. Above-ground conduit shall be Schedule 40 PVC or better. Some jurisdictions may require conduit grades better than Schedule 40; consult the local governing code. (Fiberglass conduit shall meet the requirements of PacifiCorp Material Specification ZG 033, *Fiberglass Conduit*, posted beneath this manual at www.pacificpower.net/ESR and www.rockymountainpower.net/ESR.)
5. All joints shall be compressed to the depth of the coupling system, and glued. Where straight ends and bell ends are joined, the straight end shall be beveled so as not to become an obstacle to mandrels or pulled cable.
6. The customer shall supply smooth-walled conduit reducers (swedges) when required.
7. The customer shall provide and install conduit, including long-radius elbows (or "sweeps"). See Table 6.2.1, *Sweep Specifications*. All elbows shall be fiberglass or PVC. (Steel elbows may be allowed with prior approval from the Power Company.)
8. When conduit terminates at Power Company equipment, the customer shall consult the Power Company for the exact conduit location. The customer shall not install conduit within two feet of Power Company facilities, unless requested by the Power Company.
9. When conduit extends vertically through a paved or concrete surface, a sleeve shall be placed around the conduit to prevent direct contact with the pavement. This helps prevent damage to conductors and service equipment caused by soil settling.
10. The customer shall keep conduit free of dirt and debris during installation.