

Sizing Overhead Working Grounds



1. Scope

This work practice identifies the appropriate conductor size of overhead working ground to use when working on SCL's 26 kV looped radial distribution system.

2. Application

This work practice is directed at overhead line crews working on SCL's 26 kV looped radial distribution system to ensure the safe and reliable operation of the protection scheme should a mishap occur.

3. Requirements

Use a single 4/0 AWG copper working ground in all cases.

4. References

Shipek, John; SCL standards engineer and originator of 0056.05
(john.shipek@seattle.gov)

Caddy, Tom; SCL Line Crew Chief and subject matter expert for 0056.05
(tom.caddy@seattle.gov)

Memorandum; To: Pam Smith-Graham, From: Dix Fulton, Date: September 2, 2003,
Subject: Working Round Cable Size for Major Substations