Short Descriptions for WACS Compatible Units Explained

1. Scope

This work practice explains how to write the short description for Compatible Units (CUs) in the Seattle City Light (SCL) Work and Assets Cloud Services (WACS) system.

Writing long descriptions for CUs is outside the scope of this work practice.

2. Application

This work practice is for engineers and crews who use CUs. It serves as a guide to understanding how the short descriptions are written and how to search them.

WACS CU short descriptions are created, and input into the WACS system, by Standards Engineering.

3. Discussion

A short description provides a searchable set of characteristics that comprise the CU. The short description has a limit of 100 characters.

The elements of a short description will include the following:

- The translation of the CU name. See SCL Work Practice 0015.12 for a list of CU categories and code names.
- The associated standard number
- Any other key characteristics.

4. Examples

Example 1: CU Name: XPM1-75-240BW

Using the CU categories and CU descriptions tables from SCL 0015.12, we know the following:

X = transformer
PM = padmount
1 = single-phase
75 = 75 kVA
240 = 240 V
BW = billed work

Short description: Transformer, padmount, single phase, 75 kVA, 240 V, billed work, 0661.03

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Example 2: CU Name: CNDOPRI1#4B

Using the CU categories and CU descriptions tables from SCL 0015.12, we know the following:

CND = conductor
O = overhead
PRI = primary
1 = single-phase
#4B = #4 AWG (wire), bare
Short description: Conductor, overhead, primary, single phase, #4 AWG, Bare, 6101.10

5. References

SCL Work Practice 0015.12; “Compatible Unit Names Explained”

6. Sources

Lu, Curtis; SCL Standards Engineer, originator, and subject matter expert for 0015.16.