



Information Bulletin:

Revised ES54 S1-01 Secondary Single-Phase Services 200 A Single and 400 A Multiple Self-Contained Meter Installation

1.0 Items Covered

ES54 S1-01 R11 Secondary Single-Phase Services 200 A Single and 400 A Multiple Self-Contained Meter Installation

2.0 Overview

This bulletin is a continuation-in-part to advisory 2022-023 R1 issued June 30, 2023 (R0 issued November 25, 2022).

Please note that BC Hydro has recently issued ES54 S1-02 for 320 A 120/240 V customer-owned meter socket connections.

The changes to ES54 S1-01 R11 are summarized in the following table.

Page	Section	Changes
1	Application Revision Notes References	• No change • Revised summary • Added ES54 S1-02 and S1-03

Page	Section	Changes
1-4	Note 1 General	• Table 1 split into two Tables 1 and 2 • Revised width and depth for multiple main meter sockets 200/400 A services • Minimum outside dimensions deleted for multiple main • Minimum cable compartment dimensions added for multiple main sockets • Added reference to BCEC rule 6-104 for acceptance of six-ganged multiple main meter sockets • Revised Note 1.f for acceptance of treated type 4 pole as customer-owned support structure • Added note 1.g to clarify options for combination panels and utility wireway • Added 22 kA IC rating to Figures 5 and 6 combination panels • Added graphics to Figure 5 for 200 A combination panel option mounted on class 4 pole
5-6	Note 2 Service in Duct	• No change
6-9	Note 3 Concrete Encasement	• No change
10-11	Note 4 Meter Socket Requirements	• Added reference note 4.d to Figure 20 • Revised note 4.c for single 200 A meter sockets • Added note 4.d for multiple main meter sockets for acceptance to compression-type lugs
12	Note 5 Revenue Metering Requirements	• Added reference to CSA 22.2 No 115 certification
12	Note 6 Service Upgrade to 200 A	• No change
13-14	Note 7 Standby Generator	• No change

3.0 Action

The effective date for the revised ES54 S1-01 R11 is July 1, 2024. In-flight work approved by the local BC Hydro design office is not required to meet new requirements within this standard.

Designers and Engineers

Designers and engineers should familiarize themselves with the revisions to ES54 S1-01 R11.

Line Crews

Line crews should familiarize themselves with the revisions to ES54 S1-01 R11 and ensure they have compression-type lugs in stock before arriving on site.

Civil Inspectors

Civil inspectors should familiarize themselves with the revisions to ES54 S1-01 R11.

Customers, Customer Representatives, and Equipment Suppliers

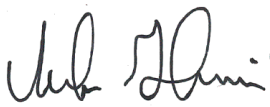
Customers and customer representatives, including electricians, project managers, consultants, and contractors, should familiarize themselves with the revisions to ES54 S1-01 R11. Please direct any questions or concerns to your local BC Hydro representative.

This is the final notice that non-compliant single 200 A meter socket combination panels and multiple main meter sockets will not be accepted for connection by BC Hydro after July 1, 2024, under any circumstances.

4.0 Distribution Standards Contact

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5.0 Approval

Recommended		Reviewed		Approved	
					
M. Kelvin		M. Stevens		H. Giesbrecht	
Date:	2024-05-17	Date:	2024-05-17	Date:	2024-05-17