



Information Bulletin:

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

Revision Note

This advisory has been revised to R1 to announce that ES54 S1-01 has been revised to R12 to change the effective date of the standard from July 1, 2024 (as stated in R11) to January 1, 2025. This is the only change in ES54 S1-01 R12. Please note:

- The changed content highlighted in ES54 S1-01 R11 is still marked in R12 by green vertical revision lines in the left margin for ease of use since the only change in R12 is an extension of the effective date.
- This advisory is referenced by number in the Revision Notes section of the affected standard.
- ES54 S1-01 R12 have been released and posted online.

1.0 Items Covered

ES54 S1-01 R12 Secondary Single-Phase Services 200 A Single and 400 A
Multiple Self-Contained Meter Installation

This advisory and the standard listed above can be found at
bchydro.com/distributionstandards.

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
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

ES54 S1-01 R12 announces a new effective date of January 1, 2025. This is the only change in R12.

3.0 Action

ES54 S1-01 R12 is identical to R11 except for the effective date, extending it from July 1, 2024 (as stated in R11) to January 1, 2025. 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 (which are repeated in R12).

Line Crews

Line crews should familiarize themselves with the revisions to ES54 S1-01 R11 (which are repeated in R12) 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 (which are repeated in R12).

Customers, Customer Representatives, and Equipment Suppliers

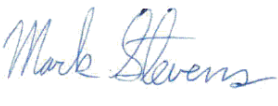
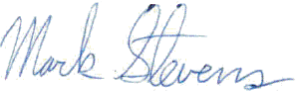
Customers and customer representatives, including electricians, project managers, consultants, and contractors, should familiarize themselves with the revisions to ES54 S1-01 R11 (which are repeated in R12). Please direct any questions or concerns to your local BC Hydro representative.

The effective date of ES54 S1-01 R12 is January 1, 2025. 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 December 31, 2024, under any circumstances.

4.0 Distribution Standards Contact

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5.0 Approval

Recommended		Reviewed		Approved	
					
M. Kelvin		M. Stevens		M. Stevens	
Date:	2024-08-28	Date:	2024-08-28	Date:	2024-08-28