



Information Bulletin:

Revised ES54 S3 Primary Services Private Property Installation Standards

1.0 Items Covered

ES54 S3-01 R9 Primary Services Dead-Front Outdoor Kiosk Private Property Installation

ES54 S3-02 R4 Primary Services Live-Front Outdoor Kiosk Private Property Installation

ES54 S3-03 R4 Primary Services Indoor Switchgear Private Property Installation

The standard listed above can be found at bchydro.com/distributionstandards.

2.0 Overview

ES54 S3-01 has been revised to R9. Updated Figure 3 to remove service neutral bus.

ES54 S3-02 has been revised to R4. Updated Figure 2 to remove service neutral bus.

ES54 S3-03 has been revised to R4. Substantive changes from the previous revision are:

- a. Updated note 22 to provide clarity on 2000 mm clearance;
- b. Added note 23 stating the service cable compartment must remain unobstructed;
- c. Added note 24 specifying voltage rating of insulators for revenue metering star point bus;
- d. Updated Figure 4 to remove service neutral bus and added a revenue metering star point bus on insulated supports with removable bonding strap;
- e. Updated Figure 5 to remove service neutral bus;
- f. Updated Figure 6 to remove the service neutral bus and added a revenue metering star point bus with a removable bonding strap;
- g. Added details to Figure 6 for 2000 mm clearance, from the centre of the closest service duct to the centre of the middle terminator; and
- h. Updated Figure 8 to remove service neutral bus.

3.0 Action

ES54 S3-01 R9, S3-02 R4, and S3-03 R4 become effective 2026-06-15 but may be used immediately. For projects in flight, customers, consultants, and equipment manufacturers may continue to use the previous revisions of the standards. The document *Requirements for*

Customer-Owned Primary Services Supplied at 4 kV to 35 kV will be updated later to reflect this change.

Designers, Engineers, and Civil Inspectors

Designers, engineers, and civil inspectors should familiarize themselves with the revisions to ES54 S3-01 R9, S3-02 R4, and S3-03 R4.

Customer and Customer Representatives

Customers and customer representatives, including electricians, project managers, consultants, and contractors, should familiarize themselves with the revisions to ES54 S3-01 R9, S3-02 R4, and S3-03 R4.

4.0 Contact

Customer and Customer Representatives

Please direct questions and concerns to your local BC Hydro representative.

BC Hydro Employees and Contractors

Please direct questions and concerns related to the standard to distribution.standards@bchydro.com.

Prepared by: Braedon Linforth

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