



Information Bulletin:

Revised ES55 B2-05 Customer Guide: BC Hydro-Owned Switchgear Replacement and Requirements

1.0 Items Covered

ES55 B2-05 R2 Customer Guide: BC Hydro-Owned Switchgear Replacement and Requirements

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

2.0 Overview

BC Hydro has revised ES55 B2-05 to R2, outlining requirements for the installation of BC Hydro-owned switchgear on private property. This document is intended to guide developers and design professionals in planning for underground primary service connections, particularly in urban and high-density developments. It emphasizes the importance of early engagement with BC Hydro and outlines seven standard installation options, each with specific spatial, access and structural requirements. Key considerations include proximity to the BC Hydro supply point, minimizing cable pulling tension, and ensuring vehicle access for cable trailers, especially where sublevels are present.

The document emphasizes the importance of early coordination with BC Hydro to determine the appropriate switchgear configuration and service point. Developers are encouraged to plan for switchgear space early in the design process, especially in urban developments where space constraints are common. The guide outlines the need for clear access routes, structural support for heavy equipment, and proximity to the customer's electrical room. It also highlights the requirement for statutory rights-of-way (SRWs) to ensure BC Hydro can safely install, maintain, and access its equipment throughout the life of the building.

3.0 Action

ES55 B2-05 R2 is effective immediately for new projects. For in-flight projects, please contact your BC Hydro representative.

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 to the author of the standard or to distribution.standards@bchydro.com.

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