



Don't get caught without an equipment replacement plan

What's happening: In 2018, BC Hydro was granted approval for the replacement of the aging Dal Grauer Substation on Burrard Street in Downtown Vancouver. In order to upgrade the city's electricity system to meet Vancouver's future power needs, a new substation will be installed underground at the Lord Roberts Annex property in the West End. BC Hydro expects the new substation to be operational by 2029.

What it means: With the retirement of the old substation, BC Hydro has planned to convert their high voltage distribution from the existing 12.47 kV to 24.94 kV distribution voltage to accommodate upgrades to the transmission system.

Why it matters: Any property with electricity supplied by the soon-to-be retired substation will be impacted by this voltage conversion.

5 Quick facts



Retiring substation will be replaced by new one in the West End



High voltage distribution will be converted from 12.47 kV to 24.94 kV



24.94 kV equipment requires more space than 12.47 kV equipment



Potential financial incentives available for property owners



BC Hydro predicts conversion to be completed by 2029

WHO will be affected?



Building owners



Property managers



Operation & equipment vendors

WHAT is your NEXT STEP

WHAT properties are impacted?

Located in Downtown Core Vancouver



Receiving BC Hydro high voltage services but not rated for 24.94 kV future operation



What you need: An end-to-end replacement strategy



STEP 1

Explore

if your building falls within BC Hydro's planned conversion area



STEP 2

Engage

an electrical consulting engineer to help facilitate discussions with BC Hydro



STEP 3

Develop

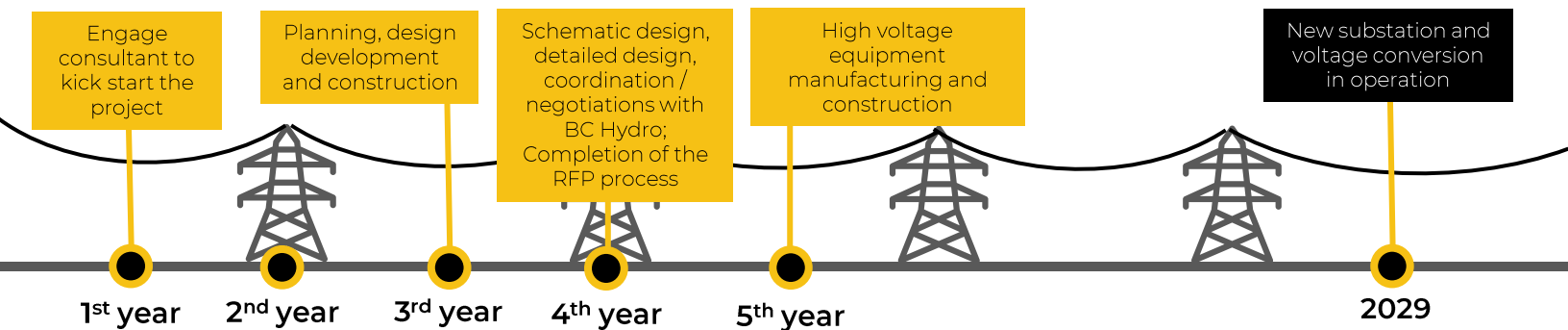
an equipment replacement strategy that considers building constraints, such as electrical demand load, planned future capacity, physical space, and more.



STEP 4

Prepare

a detailed design and associated RFP package to award to a qualified contractor.



Contact us

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Planning for additional voltage conversion projects in Burnaby and other suburban areas of Greater Vancouver is already underway.

AES can help assess how your properties will be impacted and assist in developing a strategic replacement plan.

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A BETTER
TOMORROW**

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