1	Q.	System Design
2		What percentage of Hydro's distribution substations is served by more than one
3		source? How many distribution substations have more than one transformer?
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5		
6	A.	In this context, a distribution substation is defined as any station that is the primary
7		source of power to a distribution feeder(s). Hydro has 52 distribution substations
8		located on the Island, eight percent of which can be served by more than one
9		source, either at the station itself or downstream on a distribution line.
10		
11		The substation transformers in Hydro's distribution substations on the Island are
12		comprised of single and/or three phase transformers. In the context of this
13		question, a bank of three single-phase transformers was considered as one
14		transformer. Therefore, Hydro has two substations that have multiple transformers
15		that operate in parallel and provide redundancy to their respective systems.
16		
17		Hydro has included any terminal station in which Hydro's distribution feeders
18		connect.