

1 Q. **Reference: Volume I, 2020 Capital Projects Over \$500,000, Purchase New Mobile Substation,**  
 2 **page C-43, lines 16 and 17**

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 4 This project consists of the procurement of a new 30 MVA, 138-69/25-12.5 kV  
 5 mobile substation complete with a disconnect switch and on-load tap changer.  
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7 Please provide a list of all spare 138 or 69 kV to 25 or 12.5 kV transformers, 30 MVA or less, in  
 8 Hydro’s fleet.

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 11 A. Beside Newfoundland and Labrador Hydro’s (“Hydro”) current mobile, P235, Table 1 provides a  
 12 list of Hydro's spare 138 or 69 kV to 25 or 12.5 kV transformers that are 30 MVA or less.

**Table 1: Spare Transformers**

Location	Serial No.	Voltage (kV)		Wind Configuration	Rating (MVA)
		High	Low		
Bishop’s Falls	T-60754	69	25	Grounded WYE – DELTA	5/6.7/8.3
Bishop’s Falls	A-3-S-6117	69	25	DELTA – Grounded WYE	5/6.67/8.33
Rocky Harbour	082876	69	14.4/7.2	DELTA – Grounded WYE	0.167