

1 **Re: D-69, Install 138 kV Capacitive Voltage Transformer, St. Anthony Airport,**
2 **\$70,500**

3 Q. Why would CVTs have been installed on two phases of TL-256 and not on
4 the third?

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7 A. The two existing CVTs on the 138 kV transmission line TL-256 are used for
8 power line carrier duty and metering, rather than protection, only requiring
9 two CVTs. The existing line distance protection relay requires a voltage
10 reference to ground for all three phases. Therefore, the third CVT is being
11 added for the correct application of this relay on TL-256.