

1    Q.    Please refer to Figure 6.8 on page 41 of the Upgrade Transmission Line Corridor  
2           Report. What type of SVC was represented? Large shunt capacitors are mentioned  
3           in section 6.2.2.1 of the Upgrade Transmission Line Corridor Report. Are these  
4           included in the Transient Stability model for these cases?

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7    A.    For the purposes of load flow analysis, shunt capacitors were applied to support  
8           system voltages. During the transient stability analysis of the case depicted in Figure  
9           6.8, it was determined that a static VAR compensator (SVC) was required to  
10          maintain voltage stability. The SVC was modeled at Sunnyside Terminal Station and  
11          was rated for 300 MVAR. The PSS®E library model CSVGN1 was used for the  
12          purposes of this investigation.