

1 Q. **Reference: Reliability and Resource Adequacy Study, Technical Conference #3 Presentation,**
2 **June 2021, slide 35.**

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- 4 • All electrode conductor damage occurred near suspension clamp at tower.
 - 5 • Damage ranged from a few broken strands to complete electrode conductor failure.
 - 6 • Failures seen during this specific event on electrode line would not have
 - 7 caused full line power outage.

8 Please explain whether a complete electrode conductor failure, electrode crossarm failure, or
9 OPGW failure could result in a fault on a pole conductor and lead to a short term or longer term
10 loss of supply.

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13 A. A complete electrode conductor failure, electrode cross arm failure, or optical ground wire
14 failure, would not in itself cause a pole conductor fault. If a failure resulted in contact between
15 the pole conductor and another wire it could cause a flashover and a short-term outage. Due to
16 the tower geometry and relative distance from adjacent conductors, it is considered unlikely
17 that this contact between the electrode conductors and pole conductors would occur.