

1 Q. Reference: Response to the Request for Information NP-NLH-005 (Revision 1, June
2 3-15).

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4 Please complete the table below for the number of unplanned outages that have
5 occurred on each transmission line since 1996 and the total duration of these
6 outages.
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230kV Transmission Line Outages		
Transmission Line	Number of Outages since 1996	Total Outage Duration (h)
TL-201		
TL-203		
TL-207		
TL-217		
TL-218		
TL-236		
TL-237		
TL-242		

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11 A. The table below list all sustained 230 kV line outages from January 1, 1996 to June
12 30, 2015, as requested. These outages are for sustained line outages, (greater than
13 one minute). Please note the outages refer to equipment outages only and do not
14 reflect on direct customer outages, which would be substantially less due to the
15 availability of redundant transmission paths for each of these lines.

Sustained 230kV Transmission Line Outages (January 1, 1996 to June 30, 2015)		
Transmission Line	Number of Outages since 1996	Total Outage Duration (h)
TL-201	36	83.0
TL-203	14	151.2
TL-207	2	2.8
TL-217	14	19.5
TL-218	13	65.9
TL-236	6	80.2
TL-237	12	28.3
TL-242	2	0.7