

1 Q. Please state what the guaranteed bipole forced energy unavailability of the HVdc
2 scheme is in the contract for the converter station equipment and confirm that
3 bipole energy unavailability does not include outages caused by the HVdc overhead
4 line, electrode line or HVdc cables, nor outages caused by operator error, that the
5 energy unavailability is measured over 3 years, and in the event of a failure to meet
6 the guarantee the converter manufacturer is allowed to extend the monitoring
7 period for another 12 months, and to then choose the best 3 years as the
8 measurement of performance before penalties are applied.

9
10

11 A. There is no guaranteed bipole forced energy unavailability. This metric is addressed
12 by the annual forced energy unavailability metric, shown Hydro's response to PUB-
13 NLH-250.