

1 Q. **References: Tab 6; Volume II: Terminal Station Asset Management Overview –**
2 **Version 3**

3 Page 26, lines 13-17 of the report entitled Terminal Station Asset Management
4 Overview states

5 *The service life of flooded cell batteries is 18 to 20 years while valve*
6 *regulated lead acid (VRLA) batteries have a service life of 7 to 10*
7 *years. Hydro regularly carries out testing on its battery banks to*
8 *determine bank capacity and will replace banks and chargers with*
9 *insufficient capacity under this program.*

10

11 Does Hydro replace flooded cell batteries after 20 years and VRLA batteries after 10
12 years irrespective of the testing results or do they keep them in service until testing
13 indicates unacceptable battery deterioration?

14

15

16 A. Hydro replaces flooded cell battery banks after 20 years and VRLA batteries after 10
17 years with the exception of when system requirements change and increased
18 capacity is required, a battery bank fails testing, or a battery bank shows signs of
19 problems with multi-cells. In these situations, banks are changed out sooner.