

1 Q. **Reference: Study, Section 7.2, page 31, table 11 (alternative 5)**

2 Preamble:

3

4 According to the single line diagram on page B2, a shunt compensation of 72 MVar is added  
5 to the existing 50 MVar (C1 and C2 capacitor banks). IOC believes that the proposed  
6 addition of shunt compensation may lead to severe resonance constraints.

7

8 Was any preliminary harmonic study performed to confirm the feasibility of this proposed  
9 solution?

10

11

12 A. No harmonic studies have been performed for the proposed solution.