

1 Q. On p. 19 of Exhibit 101, Section 1.2 states: *“The outcome of the generation planning*  
2 *analysis is a metric called Cumulative Present Worth (CPW), which is the present*  
3 *value of all incremental utility capital and operating costs incurred by the utility to*  
4 *reliably meet a specific load forecast given a prescribed set of reliability criteria.”*

5 Specifically, what was the *“prescribed set of reliability criteria”* assessed by Navigant  
6 as part of its review of both Interconnected Island and Isolated Island Options?  
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9 A. The phrase *“prescribed set of reliability criteria”* was intended to indicate that each  
10 alternative should be subject to a common set of reliability criteria. In this context,  
11 Navigant did not assess a *“prescribed set of reliability criteria”* as part of its review.  
12 Rather, Navigant accepted the reliability criteria employed by Nalcor in both  
13 scenarios, including:

- 14 1. The Island Interconnected System should have sufficient generating capacity  
15 to satisfy a Loss of Load Expectation of not more than 2.8 hours per year.
- 16 2. The Island Interconnected System should have sufficient generating  
17 capability to supply all of its firm energy requirements with firm system  
18 capability.
- 19 3. The bulk transmission system should be capable of sustaining the single  
20 contingency loss of any transmission element without loss of system  
21 stability.
- 22 4. In the event that a transmission element is out of service, power flow in all  
23 other elements of the transmission system should be at or below normal  
24 rating.

- 1           5. The system should be capable of sustaining a successful single pole reclose
- 2           for a line to ground fault based on the assumption that all system
- 3           generation is available.
- 4           6. For Radial Transmission systems the single contingency loss of certain
- 5           transmission elements could result in an interruption to some or all of the
- 6           customers served by that system.
- 7           7. For normal operations, voltages should be maintained between 95% and
- 8           105%.
- 9           8. For contingency or emergency operating situations, voltages may range
- 10          between 90% and 110%.