

1 Q. Regarding B-65, Upgrade Distribution Feeders, the report titled A  
2 *Performance Target Methodology for the Distribution Feeders of the*  
3 *Newfoundland and Labrador Hydro Electrical System* at Section H, Tab 4,  
4 indicates that the feeders selected for upgrade in 2006 were chosen, in part,  
5 based on normalized reliability statistics. Would different feeders have been  
6 selected if the choices had been based on actual, rather than normalized,  
7 reliability data?

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10 A. The rankings would have been different if actual indices had been used  
11 instead of normalized indices. However, the objective of the system review  
12 was to improve system performance for the greatest number of customers  
13 and therefore, a SAIFI index normalized to 500 customers was used to  
14 determine the feeder rankings. The effect of the normalization is to skew the  
15 index towards those feeders with a greater number of customers and is  
16 intended to quantify continuity of electrical service. The worst 10 performing  
17 feeders on the interconnected system and the worst 5 performing feeders on  
18 the isolated system were then analyzed further for outage trends using actual  
19 indices. The normalization procedure was used only for the purposes of  
20 generating feeder rankings and all other references to a SAIFI or SAIDI index  
21 refer to actual indices.