Q. **Re: NLH Evidence, Section 3, page 3.23, lines 2-17.**

Please indicate the expected SAIFI and SAIDI performance for 2014-2018 for a) Labrador City, b) Wabush, c) Happy Valley, d) Labrador Isolated Systems, e) (St. John's, and f) NLH corporate average, providing detailed justifications for all expected improvements.

A. Hydro measures Service Continuity (SAIFI and SAIDI) for its distribution systems and therefore maintains historical data at the substation/distribution system level. However, it does not forecast or set targets at this level. Longer-term (five-year) targets are set at a corporate level and short-term (one-year) targets are set at a system or regional level. The 2014 system level target levels have not yet been established.

The following tables present the current targets.

Table 1 – Five-Year Corporate Level Targets

	2013	2014	2015	2016	2017
SAIFI	3.65	3.47	3.29	3.13	2.97
SAIDI	5.90	5.60	5.32	5.06	4.81

Table 2 – 2013 System Level Targets

	SAIFI	SAIDI
Labrador Interconnected	4.31	6.11
Labrador Isolated	7.78	8.41

The St. John's area distribution is supplied by Newfoundland Power, therefore Hydro is not able to provide projections for this area.

In order to maintain and improve system reliability, Hydro carries out various capital projects on an annual basis focused on equipment replacement, upgrades, and load growth initiatives. Hydro continues to upgrade distribution systems through pole, voltage regulator, recloser, and transformer replacement work as condition assessments warrant. Specific work that has been planned for the Labrador Isolated and Interconnected Systems is listed below.

- Replace conductor on Lines 1 and 2 in the Charlottetown distribution system (2014);
- Replace 60 poles, reinsulate 70 structures, and replace 12 km of conductor on Line 1 in the St. Lewis distribution system (2014);
- Replace 80 poles, 7.5 km of conductor, and 25 pole mounted transformers on Line 7 in the community of Northwest River (2014);
- Replace 20 poles on Line 1 in the Nain distribution system;
- Replace 30 poles, 400 pin insulators, 200 suspension insulators, and 80 cutouts in the Norman Bay distribution system (2015);
- Replace 20 poles and 40 pole mounted transformers in the Black Tickle distribution system (2016);
- Replace 50 poles and 10 km of copper primary conductor on Line 16 in the Happy Valley distribution system (2016);
- Install a larger 16.7 MVA power transformer in the Wabush substation to accommodate load growth (2016);
- Install a new distribution Line L2 in the Nain distribution system to split the system load with Line 1 (2016); and
- Continue with the voltage conversion upgrade project in the Labrador City distribution system (2014 – 2015).