

**REDACTED\_EX 4B\_Tab 02\_Sch 03 - 2016 Tax Return\_THESL\_UPDATED\_201801113**  
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r-4b-hann-1 What is the Definition of Extreme Weather used by THESL?

r-4b-hann-2 Is the definition of Extreme Weather consistent throughout the evidence?

r-4b-hann-3 Why is >100 km/h considered high winds in this project?

r-4b-hann-4 Are greater than 5m waves considered outside the operating parameters for Great Lake Shipping?

r-4b-hann-5 Why was -15C chosen?

r-4b-hann-6 What are the design parameters for the wind platform?

r-4b-hann-7 What codes and/or data were the design parameters based on?

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r-4b-hann-8 Why does THESL believe it cannot design its distribution system for storm days?

r-4b-hann-9 What is THESL's the definition of a storm day?

r-4b-hann-10 Did the storm hardening using covered cables prevent vegetation interruptions?

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r-4b-hann-11 Was the methodology developed by a subcontractor tested against the 25 years 1993 to 2017, using data from 1968 to 1992 or any period of time (eg 10 year periods) that would be reasonable to test the methodology? If yes, how did the predicted data correlate with the actual results?

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r-4b-hann-12 How many pole mounted wireless gatekeeper have been physically or electronically damage during storm events?

r-4b-hann-13 What was the time to restore the gatekeeper?

r-4b-hann-14 What was the cost to restore the gatekeeper?

r-4b-hann-128 A) This work was done in 2015, tested in 2016, additional meters were installed in 2017 and 2018. The evidence states that "The outage / 47. restoration event data can be fed to Outage Management System." Is it fed or is it not fed to the Outage Management System. B) If not, why not and when will it operational?

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r-4b-hann-129 The evidence states "THESL's network distribution system, used in the downtown core, is the most 2. reliable distribution system in use in the city of Toronto. Most feeder and 3. equipment failures do not result in any interruption to customers."

- a) Is this because the downtown core is an underground system?
- b) Is the system not exposed to tree damage to the infrastructure or
- c) Are there other reasons?

r-4b-hann-15 Does the "submerible protector" work? If yes, what is the plan for implementing in flood prone areas?

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r-4b-hann-130 What are the differences between "THESL's distribution standards and 3. those of similar LDCs and where differences existed whether or not they 4. were justified given the unique characteristics of Toronto and THESL?"

B) What is the definition of the cause of failure for the predominant asset classes?

r-4b-hann-16 Did the loads exceed the design standard with overload factor?

r-4b-hann-17 What are the standards listed in (2) line 9 and 10?

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r-4b-hann-18 What are the failure causes for the studied equipment, by equipment type?

r-4b-hann-19 What are the "new methodologies and strategies in improving 27. reliability and repeatability of distribution system assets"?

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r-4b-hann-20 Does this statement "(B) Significant customer- 26. minutes-out improvements by reporting outages to the control room" mean that THESL has improved its control room management of interruptions?

r-4b-hann-21 What does "Reduction of momentary outages." refer to?