



Major Event Response Reporting

Date of Event – May 21, 2022

2.1.4.2.10 Major Event Response Reporting

Please note that, except Loss of Supply events, a Major Event **shall meet all** of the criteria listed under the **first, second and fourth paragraph** of the Major Event definition written under section 2.1.4.2 of the Electricity Reporting and Record Keeping Requirements (RRR).

Prior to the Major Event

1. Did the distributor have any prior warning that the Major Event would occur?

No

Additional Comments:

2. If the distributor did have prior warning, did the distributor arrange to have extra employees on duty or on standby prior to the Major Event beginning?

No

Brief description of arrangements, or explain why extra employees were not arranged:

Regular on-call operational resources were in place prior to the event. Arrangements for additional staff on duty or on standby were not made for this event.

3. If the distributor did have prior warning, did the distributor issue any media announcements to the public warning of possible outages resulting from the pending Major Event?

No

Additional Comments:



4. Did the distributor train its staff on the response plans to prepare for this type of Major Event?

Yes

Additional Comments:



During the Major Event

1. Please identify the main contributing Cause of the Major Event as per the table in section 2.1.4.2.5 of the Electricity Reporting and Record Keeping Requirements.

Adverse Weather - Wind

Please provide a brief description of the event (i.e. what happened?). If selected "Other", please explain:

In the early afternoon of Saturday, May 21, 2022, Waterloo Region experienced a rare class of damaging wind – a derecho -a windstorm with wind gusts reaching 130 km/hour. Trees fell on overhead power lines, poles were broken and transformers needed to be replaced interrupting power to customers during the short windstorm.

2. Was the IEEE Standard 1366 used to derive the threshold for the Major Event?

Yes, used IEEE Standard 1366*

*The OEB preferred option

3. When did the Major Event begin (date and time)?

Saturday May 21, 2022, at 12:13 PM

4. Did the distributor issue any information about this Major Event, such as estimated times of restoration, to the public during the Major Event?

Yes

If yes, please provide a brief description of the information. If no, please explain:

Kitchener-Wilmot Hydro provided regular updates about outage, including causes and estimated restoration times on Twitter and on its website and outage map. Vice-President of Operations Wilf Meston also did an on-camera interview with



CTV News Kitchener to provide an overview of the storm damage and the restoration efforts.

5. How many customers were interrupted during the Major Event?

19,385 customers

What percentage of the distributor's total customer base did the interrupted customers represent?

Approximately 19%

6. How many hours did it take to restore 90% of the customers who were interrupted?

90% of customers were restored after 11 hours.

Additional Comments:

7. Were there any outages associated with Loss of Supply during the Major Event?

No

If yes, please report on the duration and frequency of the Loss of Supply outages:

8. In responding to the Major Event, did the distributor utilize assistance through a third-party mutual assistance agreement with other utilities?

Yes

If yes, please provide the name of the utilities who provided the assistance?

Waterloo North Hydro and K-Line Maintenance and Construction assisted throughout the event.

9. Did the distributor run out of any needed equipment or materials during the Major Event?

No

If yes, please describe the shortages:



After the Major Event

1. What actions, if any, will be taken to be prepared for, or mitigate, such Major Events in the future?

Additional staff training

Additional Comments: