



## Major Event Day: April 12 & 13, 2024

### RRR 2.1.4.2.10 Major Event Response Reporting

When a distributor determines an outage was caused by a Major Event, it shall file a report with the OEB that outlines the distributor's response to the Major Event, including answers to all of the questions set out below. Distributor responses are identified in the text boxes below.

A distributor shall file this report with the OEB within 60 days of the end of the Major Event unless there are exceptional circumstances, in which case the report can be filed within 90 days of the end of the Major Event.

#### Prior to the Major Event

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

Yes  No

Additional Comments: A significant windstorm passed through Ontario, leading to widespread power outages and disruptions across the province. Starting on April 12, strong winds, particularly in areas near Lake Huron and Georgian Bay, caused trees and branches to fall onto power lines.

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?

Yes  No  N/A

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

No warning or alert was issued from Environmental Canada regarding the windstorm starting on April 12, 2024. Only a special weather statement was issued in anticipation of strong winds expected on the evening of April 12.

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?

Yes  No  N/A

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

Yes  No

#### 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 by Primary cause code.

- |  |  |
|--|--|
| <input type="checkbox"/> Loss of Supply                  | <input type="checkbox"/> Lightning                               |
| <input checked="" type="checkbox"/> Adverse Weather-Wind | <input type="checkbox"/> Adverse Weather-Freezing Rain/Ice Storm |
| <input type="checkbox"/> Adverse Weather-Snow            | <input type="checkbox"/> Adverse Environment-Fire                |
| <input type="checkbox"/> Adverse Environment-Flooding    |  |
| <input type="checkbox"/> Other                           |  |

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



please explain:

This Major Event Day involved four outages across NT Power's service areas. The first incident occurred on the evening of April 12, 2024, when strong winds significantly impacted the Georgian Bay area, causing several tree contacts on the distribution system in Tay Township. These incidents included an outage in the Port McNicoll area, which cause the station fuses to operate, affecting 1,763 customers. This was followed by two additional smaller tree contact outages in the Waubauskene and Victoria Harbour areas, affecting 130 and 267 customers respectively. Lastly, the windstorm also caused the failure of an overhead line tap in the Newmarket area, affecting 2,279 customers during the repair efforts.

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

- Yes, used IEEE Standard 1366  
 No, used IEEE Standard 1366 2-day rolling average  
 No, used fixed percentage (i.e., 10% of customers affected)

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

April 12, 2024 at 7:21 PM

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

- Yes       No

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

NT Power issued several public media notices and outage updates on X, Facebook, and its website relating to the outages and restoration of affected areas.

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

4,439 Customers

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

9.84 %

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

5.55 and 4.83 Hours.

Additional Comments: Since the outages occurred in different service areas, there are two restoration times. The three outages in the Tay service area affected 2,160 customers, with 90% of customers restored within 5.55 hours. The final outage, impacting 267 customers, was fully resolved by 1:26 AM. Additionally, the separate outage in the Newmarket service area affected 2,279 customers, with 90% of customers restored within 4.83 hours.



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

Yes       No

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

N/A.

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

Yes

No

Do not have third party mutual assistance agreements with other utilities

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

\_\_\_\_\_

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

Yes       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?

No further action is required at this time

Additional staff training

Process improvements

System upgrades

Other

Additional Comments: Major Event was due to adverse weather conditions, therefore no further action is required by NT Power at this time.