



## Major Event Day: August 17, 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: Before the day of the storm, the Weather Network issued a tornado watch for southern Ontario, which remained in effect through the afternoon of August 17 due to a severe storm threat. On August 17, a severe thunderstorm and rainfall warning was issued, as the weather system brought significant torrential rainfall and gusty winds. Operations team continually monitors the weather events and system conditions.

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:

NT Power had a full complement of standby staff and extra staff who could be called out to respond to possible power outages.

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

There was no specific weather warnings issued for NT Power service territory.

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 checked="" type="checkbox"/> Loss of Supply	<input checked="" 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:

On August 17, 2024, a severe thunderstorm swept across the Greater Toronto Area, bringing record-breaking rainfall and lightning that led to widespread flooding and damage. As a result, a feeder circuit breaker at one of the supply authority stations in the Town of Newmarket locked out.

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)?

August 17, 2024 at 4:43 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?

5,048 Customers

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

11.2 %

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

1.72 Hours.

Additional Comments: 100% were restored in 1.72 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:

Yes, 5,048 customers were affected for 1.72 hours due to a Loss of Supply outage caused by a station feeder circuit breaker lock-out. There were reports of lightning in the affected area during the outage.

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.