

Major Event Report
Enova Power Corp.
July 1 - 2, 2026
Adverse Weather – High Winds
Filed: August 28, 2026

Major Event Description

A line of brief but intense thunderstorms tracked through Southwestern Ontario on the afternoon of Wednesday July 1, 2026. The thunderstorms brought high winds reaching up to 110 km/h across Enova Power Corp.'s service territory. These weather conditions resulted in multiple outages due to tree contacts with overhead conductors and wind-related damage to distribution infrastructure.

Between Wednesday July 1 and Thursday July 2, 2026, the event resulted in approximately 6,579 customer interruptions, representing a total of 1,522,257 customer-minutes of interruption.

Based on the interruption duration and magnitude, this event meets the criteria for classification as a Major Event Day (MED) in accordance with the IEEE Standard 1366 – Guide for Electric Power Distribution Reliability Indices.

Prior to the Major Event

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

Yes ☐ No ☒

Additional Comments:

No.

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 ☒

Additional Comments:

Not Applicable

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

Yes ☐ No ☐

Additional Comments:

Not Applicable

3. Did the distributor train its staff on the response plans for a Major Event?

Yes ☒ No ☐

Additional Comments:

Enova has two System Operators on duty at all times, two Powerline Technician Supervisors on-call, and four Powerline Technicians on-call at all times outside of regular operating hours. Additional resources from Forestry, Stations, Metering, Construction, and Warehouse are either on call or standby to support restoration efforts. Enova's staff are trained on how to respond to major events.

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.**

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Please provide a brief description of the event. If the event was caused by weather conditions, please specify the type of weather involved – such as high winds, freezing rain, tornadoes, ice storms, blizzards, heavy rainfall, flooding, or lightning storms.

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2. **Was the IEEE Standard 1366 used to identify the scope of the Major Event? If not, why not?**

Yes, IEEE Standard 1366 was used.

3. **When did the Major Event begin:**

Date: July 1, 2026

Time: 4:36 PM – EST

4. **If the Major Event was not caused by adverse weather, 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.

Additional Information: Enova's customer outage map displayed the number of customers initially out of power, the geographical area of the outages, the cause, and the customers remaining without power. Once available, Enova also included the estimated times for restoration for each outage on the outage map.

Enova issued social media updates across its social media channels including safety messages, links to its outage map and updates on ETRs. Twenty (20) social

media updates were provided, responded to thirty (30) social media comments, and provided twelve (12) responses to direct messages.

- 5. How many customers were interrupted during the Major Event? What percentage of the distributor's total customer base did the interrupted customers represent?**

There were 6,579 Customer Interruptions, which represents 3.96% of Enova's total customer base.

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

Enova restored 90% of interrupted customers within 7 hours and 44 minutes.

- 7. How many customers experienced service interruptions lasting less than 24 hours?**

6,576 customers

- 8. How many customers experienced service interruptions lasting between 24 and 48 hours?**

3 customers

- 9. How many customers experienced service interruptions lasting between 48 and 96 hours?**

0 customers

- 10. How many customers experienced service interruptions lasting between 96 and 168 hours?**

0 customers

- 11. How many customers experienced service interruptions lasting over 168 hours?**

0 customers

- 12. Were there any outages associated with loss of supply during the major event? If yes please report on the duration and frequency of the Loss of Supply outages.**

Yes ☐ No ☒

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

Yes ☐ No ☒

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

Yes ☐ No ☒

15. Provide the following characteristics of the Major Event:

i. **Total number of feeders interrupted during the course of the event**

Two (2) feeders were interrupted during the event.

ii. **The maximum number of customers that were concurrently without power at any point during the event.**

6,500 customers were concurrently without power.

16. What is the total number of damage assessments performed by the distributor during the course of the event?

Forty (40) assessments

17. What percentage of damage assessments were completed:

- i. Within 4 hours after the interruption began – 55%
- ii. Within 8 hours after the interruption began – 73%
- iii. Within 12 hours after the interruption began – 73%
- iv. Over 12 hours after the interruption began – 100%

18. What communication methods were used to inform customers during the Major Event? Select all that apply:

- **Distributor's website:** Yes
- **Social media:** Yes
- **Email:** No
- **Text message:** No
- **Telephone line:** No
- **Radio broadcast:** No
- **Other (please specify):** Enova's outage management portal and corporate website.

- 19. During the Major Event, did any of the communication methods used become unavailable? If so, identify which one(s).**

No

- 20. Provide SAIDI and SAIFI values for this Major Event.**

SAIDI: 0.153

SAIFI: 0.040

After the Major Event

- 1. What steps, if any, are being taken to be prepared for or mitigate such Major Events in the future (i.e., staff training, process improvements, system upgrades)?**

Additional Comments:

Enova's staff are trained to be on alert for emergencies and major events. Enova has implemented grid modernization technologies and will continue to do so to increase system reliability and operational efficiencies through Survalent's Fault Location, Isolation, and Service Restoration (FLISR) software application which combines the Supervisory Control and Data Acquisition and the Outage Management Systems with automated switching devices. This enables power to be efficiently restored to as many customers as possible via an automatic process.

These technologies provide automatic self-healing on the portions of the system unaffected by the fault, improving restoration times. At the time of the storm approximately 37% of Enova's customer base has FLISR implemented. Enova continues to invest in smart infrastructure and expanding FLISR coverage.

The utility also regularly shares outage safety tips, information on where to find outage information and emergency preparedness information with customers through its website and social media accounts. This helps to educate customers about outages and restoration efforts before any major event occurs.

Enova is exploring the adding additional communication channels including automated email and text notifications.