

Summary

Filing Year
2026

Form Name
E2.1.4.2.10

RRR Filing No
41581

Company

Grimsby Power Incorporated, Grimsby , ED-2002-0554

Licence Type

Electricity Distributor

Status

Submitted

Submitted On

August 28, 2026

Submitter Name

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Report Version

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Attachment: Grimsby Power Major Outage Report July 1 2026 Final.pdf

Prior to the Major Event

1. Did the distributor have any prior warning that the Major Event would occur? No

Additional Comments

The Town of Grimsby issued warning on June 29, 2026 "Environment Canada is calling for a prolonged period of heat starting Tuesday, June 30 and is expected to last until this Friday, July 3 or possibly into the weekend. Wednesday, July 1 and Thursday, July 2 are expected to be the warmest days, potentially reaching maximum temperatures of 34 to 37 degrees Celsius."

Grimsby Power makes reasonable efforts to monitor weather forecasts , warnings, and developing conditions. Grimsby Power does not have a 24x7 control room, and it maintains procedures to respond to weather-related outages and system emergencies as they occur.

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

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 No

4. Did the distributor train its staff on the response plans to prepare for this type of Major Event ? Yes
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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
Multiple events contributed to this major outage event. GPI has attached a full report to this submission. The report contains a table that breaks down each event and provides full SAIDI/SAIFI values.

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

Yes, used IEEE Standard 1366

*The OEB preferred option

3. When did the Major Event begin
7/1/2026 5:58pm

4. Did the distributor issue any estimated times of restoration (ETR) to the public during the Major Event? If so, through what channels?

Yes

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

During the event, regular updates were provided to customers approximately every hour through GPI's website , and GPI's Facebook and X accounts. Because the outage was caused by a combination of loss of supply and weather-related factors, an estimated restoration time was not provided.

5. HOW MANY CUSTOMERS WERE INTERRUPTED DURING THE MAJOR EVENT?

19,180 CUSTOMERS

WHAT PERCENTAGE OF THE DISTRIBUTOR'S TOTAL CUSTOMER BASE DID THE INTERRUPTED CUSTOMERS REPRESENT?

84.00 %

6. HOW MANY HOURS DID IT TAKE TO RESTORE 90% OF THE CUSTOMERS WHO WERE INTERRUPTED?

4 HOURS

Additional Comments

There were multiple outages over the course of a 24 hour period. During any of the individual outages the maximum percentage of total customer base was 84%.

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

Yes

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

Yes, the loss of supply event lasted six (6) hours and twenty-eight (28) minutes. However, Grimsby Power crews responded promptly, repairing damage to the distribution system caused by fallen trees during adverse weather conditions and successfully transferring the load from Beamsville TS to Niagara West MTS within four (4) hours and eleven (11) minutes.

SAIDI - 1.84

SAIFI - 0.44

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

No

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?

No

If yes, please describe the shortages.

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)?

No further action is required at this time

Additional Comments

Following the events of July 1 and July 2, 2026, Grimsby Power conducted a review with operations and management staff to assess system performance, restoration activities, and opportunities for improvement. The review concluded that the outage response and restoration processes functioned as intended, and no changes to existing emergency response procedures were identified as necessary.

The review also considered the July 2, 2026, outage, which occurred following customers transferred during the July 1 loss of supply event. Grimsby Power will continue to evaluate system loading conditions when implementing contingency switching and customer transfers during supply interruptions to support reliable service restoration.

Grimsby Power will continue to maintain its established outage response practices, including the use of on-call staff and external contractors, to respond effectively to future major events and the timely restoration of power supply .
