

Summary

Filing Year
2021

Form Name
E2.1.4.2.10

RRR Filing No
32179

Company

Innpower Corporation, Innisfil , ED-2002-0520

Licence Type

Electricity Distributor

Status

Submitted

Submitted On

December 09, 2021

Submitter Name

Laura Hampton; +1 (705) 431-4321; laurah@innpower.ca

Report Version

0

Attachment:

Prior to the Major Event

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

Additional Comments

InnPower was aware that there was active weather coming, as its system control group continually monitors the weather 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

BRIEF DESCRIPTION OF ARRANGEMENTS, OR EXPLAIN WHY EXTRA EMPLOYEES WERE NOT ARRANGED

InnPower always has at least two line employees on call for emergencies. InnPower had full staff during the 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 No

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

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

On December 2nd at 08:00, wind intensity picked up causing a large tree to fall on the distribution line, leaving 482 customers without power. Crews quickly responded, cut and removed the tree from the lines and restored power by 09:59. The wind continued throughout the day into the evening, causing two more significant outages. An outage occurred at 14:08 due to the 44kv tap being blown off the amp connection . 1957 customers were without power until the crews were safely able to install a jumber and restore power at 17:23. Full repairs were completed the following day. The third outage affecting 130 customers occurred at 19:25 due to another tree being twisted in the three phase circuit. The crew isolated the area and restored 126 customers by reclosing the blue phase by 22:55 . The remaining 4 customers were restored at 00:45 on December 3rd. To complete the tree removal, an additional 5 customers had an outage from 22:20 to 00:45.

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

12/2/2021

08:00 AM

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

Messages were put out on Social Media (Twitter & Facebook) tagged with Town of Innisfil (to reach more customers) at the first report as information came in from the field. The outage map was updated showing the area affected. Social media and answering service (after hours dispatch) were updated to assist with customer inquiries. InnPower included pictures of tree damage on the social media posts and estimated time of restorations, as updated. A message was put out on social media advising if any customers are still without power to call our office (which goes directly to answering service) or message through social media.

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

2,574 CUSTOMERS

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

12.00 %

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

3 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?

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