

## Appendix A

### Coroner's Inquests' Recommendations Involving Hydrovac Equipment and Powerlines: 2012 Electrocutation Incident Jury Recommendations

#### MINISTRY OF LABOUR, TRAINING AND SKILLS DEVELOPMENT AND THE INFRASTRUCTURE HEALTH AND SAFETY ASSOCIATION

1. In safety courses for construction workers who may operate in the vicinity of powerlines or conductors, consider including a special emphasis on teaching the need for a dedicated signaller for all crews. It is recommended to emphasize using extra caution when working close to the powerlines. The signaller(s) or the dedicated spotter(s) should have sufficient knowledge and control of the situation.
2. Consider incorporating a hands-on simulation to demonstrate various ways this hazard may present in an ever-changing workplace – including risk assessment, the appropriate equipment required for the job given the potential hazards present, signaller and emergency protocols. Emphasize that only trained individuals should be operating the equipment, with no interchange of duties.
3. Consider emphasizing the requirement for workers to stop working, step back, and re-assess the work being done once a new hazard presents itself. Create a safe environment for the employees to identify risks and hazards and voice their concerns about safety.
4. The Ministry of Labour, Training and Skills Development should consider endorsing recommendations 1, 2, and 3.

#### INFRASTRUCTURE HEALTH AND SAFETY ASSOCIATION

5. With respect to constructors and employers who work close to active powerlines, including use of a hydrovac truck while doing construction – explore the literature and data to determine if the below points would assist in increasing the safety of workers, who are completing construction tasks near live powerlines:
  - installing rubber mats under workers
  - using overhead wrap around the live cable wires
  - adding signage to warn of the potential danger
  - adding visual indicators or flags that will show where the limit of the approach begins
  - equipping each construction site with an automated external defibrillator (AED) onsite and training each person on the construction site on how to use the AED
  - using an insulated boom rather than an uninsulated boom on the job site

## Appendix A (Continued)

#### HYDRO OTTAWA AND SIMILAR ELECTRICAL COMPANIES

6. Provide documented information to contractors and subcontractors on the hazards of the job including powerline height and voltage.
7. Increase site visits of the active job sites to ensure compliance.

## Appendix B

### Coroner's Inquests' Recommendations Involving Hydrovac Equipment and Powerlines: 2015 Electrocution Incident Jury Recommendations

#### INFRASTRUCTURE HEALTH AND SAFETY ASSOCIATION

1. We recommend that an industry-wide Hazard Alert be published, alerting end-users and manufacturers of remote-control devices for booms and cranes to the risk of inadvertent boom or crane movement associated with the OMNEX T300 Wireless Remote Control, or any similarly designed remote control used for boom or crane operation.
2. We recommend that all construction projects that utilize booms or cranes in proximity to overhead powerlines be required to make a written request to the owner of the powerlines, to facilitate compliance with sections 187 and 188 of Regulation 213/91 for Construction Projects.
3. We recommend that locates in the vicinity of powerlines should include underground, on-grade and above-grade utilities or hazards, as well as current, voltage and distance from grade to the high-power line.

#### MINISTRY OF LABOUR, IMMIGRATION, TRAINING AND SKILLS DEVELOPMENT, INFRASTRUCTURE HEALTH AND SAFETY ASSOCIATION, AND PROVINCIAL LABOUR-MANAGEMENT HEALTH AND SAFETY COMMITTEE FOR CONSTRUCTION (PLMHSC)

4. We recommend that the PLMHSC study, examine, and report on the feasibility of amending the Act to require that all remote controls used to operate booms or cranes in the proximity of overhead powerlines have a three-position switch ("deadman switch") or other approved failsafe mechanism to prevent unexpected movement of the boom or crane.
5. We recommend that where a construction project involves work in proximity to overhead powerlines, and equipment that has the potential to contact overhead powerlines such as a boom or a crane is being operated, the PLMHSC study, examine, and report on the feasibility of amending the Act to require the use of any, or all, of the following protective measures:
  - emerging technologies, like an electro magnetic sensor to prevent a boom or crane from entering the prohibited zone (disabling controls)
  - mechanical devices, such as a pin, that can be inserted into a boom or crane to prevent movement into the prohibited zone
  - insulated booms and cranes
  - signaller be equipped with a remote e-stop

## Appendix B (Continued)

#### MINISTRY OF LABOUR, IMMIGRATION, TRAINING AND SKILLS DEVELOPMENT AND INFRASTRUCTURE HEALTH AND SAFETY ASSOCIATION

6. We recommend that a public awareness campaign be developed that highlights the dangers of working in proximity to overhead powerlines and provides information on how members of the public can report seemingly unsafe or non-compliant practices.

#### MINISTRY OF LABOUR, IMMIGRATION, TRAINING AND SKILLS DEVELOPMENT, INFRASTRUCTURE HEALTH AND SAFETY ASSOCIATION, AND PROVINCIAL LABOUR-MANAGEMENT HEALTH AND SAFETY COMMITTEE FOR CONSTRUCTION

7. We recommend that the *Occupational Health and Safety Act* be amended to allow health and safety representatives and joint health and safety committees authority to keep confidential the name of any workers who report unsafe conditions.
8. We recommend that the frequency of required refresher courses/training for constructors, employers, supervisors, and workers who work in proximity to overhead powerlines and operate equipment that has the potential to contact overhead powerlines, be increased to once a year. Topics covered in the refresher should include, among other things:
  - The dangers of working in proximity to overhead powerlines, even when no work on overhead powerlines is intended.
  - The requirements for compliance with the *Occupational Health and Safety Act* and Sections 187 and 188 of Regulation 213/91 for Construction Projects, and resources to assist with compliance.
  - The Internal Responsibility System, with an emphasis on the importance of promoting a no-blame workplace safety culture that encourages an open relationship to discuss workplace safety.
  - Tailboard meetings/forms must be completed prior to setup or starting any work.
9. We recommend that significant and automatic fines should be levied against any company/constructor that fails to ensure that a dedicated signaller be assigned to hydrovac crews and/or any crane operation when working in the vicinity of overhead powerlines.
10. We recommend that tailboard documents should be standardized, regulated, and include a section that addresses possible encroachment of overhead powerlines of the minimum distance permitted under Section 188 (2) of Regulation 213/91 for Construction Projects.

Year	Month	Location	Occupation/ Non-occupation	Powerline	Utility infrastructure	Cause of incident			ESA #	Incident summary	Property damage	Electrical injuries/ fatalities to person	Consumer electrical product was unapproved
2022	Nov	Orillia	Occupation	No	No	Unknown			NI22008	Worker was injured from arc flash, caused by failure of a 30A FPE fusible disconnect and the damage to 12x12 PVC box.	Yes	Injury	N/A
2022	Nov	Markham	Non-occupation	No	No	Incorrect installation			SI22002	Property damage from a fire suspected to be initiated by an EV charger.	Yes	None	Unknown
2022	Dec	North Frontenac	Non-occupation	No	No	Unknown			EI22005	Property damage from exterior meter base fire.	Yes	None	N/A
2022	Oct	Toronto	Occupation	No	No	Improper use			CI22013	Electrical worker injured by arc flash when troubleshooting an MCC bucket.	Yes	Injury	N/A
2022	Oct	Thunder Bay	Non-occupation	No	No	Damaged equipment			NI22007	Property damage from a fire caused by ignition of batteries in basement of a single dwelling; solar system modified from last inspection of solar system.	Yes	None	Unknown
2022	Oct	Simcoe	Occupation	No	No	Unknown			SI22001	Property damage from a food truck that caught on fire and burned down.	Yes	None	Unknown
2022	Sep	Windsor	Occupation	Yes	Yes	Human error			WI22004	Worker was injured when installing an eavestrough that made contact with a highline.	Yes	Injury	N/A
2022	Sep	Kingston	Non-occupation	No	No	Product failure			EI22004	Property damage from a fire associated with an e-bike and charger.	Yes	None	Unknown
2022	Sep	Scarborough	Non-occupation	Yes	Yes	Theft				Person was attempting to steal copper from a high voltage line.	Yes	Fatality	N/A
2022	Sep	Vermillion Bay	Non-occupation	Yes	Yes	Human error				Victim made contact with primary line while attempting to dislodge a drone from a nearby tree with a long reach object.	Yes	Fatality	N/A
2022	Aug	Mississauga	Occupation	Yes	Yes	Unknown			CI22012	Worker was injured when crane lifting a sign made contact with 500kV overhead conductors.	No	Injury	N/A
2022	Aug	Toronto	Unknown	No	No	Unknown			CI22011	Property damage from a catastrophic meltdown of the 600a/120v/208v/3p/4w suite distribution panel in the electrical closet on the 42nd floor of an apartment building.	Yes	Injury	Unknown
2022	Jul	Stouffville	Occupation	No	No	Unknown			CI22014	Electrical worker injured from arc flash when live 600 volt 60 Amp disconnect panel exploded.	Yes	Injury	N/A
2022	Jul	Toronto	Occupation	No	No	N/A			CI22009	Electrical worker was injured while energizing the new main 3,000 amp service a 250 amp subservices which was tapped off of the main bus down stream. Main breaker had a fault and the 400 amp disconnect was damaged.	Yes	None	N/A

Year	Month	Location	Occupation/ Non-occupation	Powerline	Utility infrastructure	Cause of incident			ESA #	Incident summary	Property damage	Electrical injuries/ fatalities to person	Consumer electrical product was unapproved
2022	Jun	Toronto	Occupation	No	No	N/A			CI22010	Electrical worker injured when investigating an electrical problem on low voltage and was able to open a 4.16 kV S&C load Interrupter switch with fuses when power was on. Three Kirk key interlocks on cabinet and a flashover occurred when a 600 volt meter was used in the cabinet.	Yes	None	N/A
2022	Jun	Tiny	Occupation	Yes	Yes	Damaged equipment			NI22006	Worker came in contact with an electrical wire boring a hole.	Yes	Injury	N/A
2022	Jun	Kingston	Non-occupation	No	No	Unknown			CI23001	Fire occurred while charging battery for electric bike.	Yes	None	Unknown
2022	Jun	Sault Ste Marie	Occupation	No	No	N/A			NI22005	Near miss when an electrical worker went to rear of gear, removed panel cover and tested 11kV buss with 1kV meter, instead of testing load side of 600v locked out switch.	Unknown	None	N/A
2022	Jun	Magnetawan	Non-occupation	Yes	Yes	Damaged equipment				Victim set up camp next to a low hanging line due to broken crossarm. While chopping firewood beside the line, axe made contact with primary line, resulting in electrocution.	Unknown	Fatality	N/A
2022	May	Toronto	Non-occupation	No	No	Product failure			CI22007	Property damage from possible defective LED lamp at multiple TD Bank locations four years after lamp and ballast replacement.	Yes	None	Unknown
2022	May	Belleville-Thurlow Township	Occupation	Yes	Yes	N/A			EI22002	Persons were injured when a school bus crashed into a hydro pole in the ditch which was carrying 27.6KV lines.	Unknown	Injury	N/A
2022	Apr	Stone Mills	Occupation	Yes	Yes	N/A			EI22003	Worker came into contact with overhead high voltage neutral conductor.	Yes	None	N/A
2022	Mar	Owen Sound	Occupation	No	No	Unknown			NI22003	Property damage occurred when closing one of the distribution breakers in switch gear; a fault occurred, resulting in a fire blowing out of switchgear.	Yes	None	N/A
2022	Mar	Toronto	Occupation	Yes	Yes	N/A			CI22001	Worker injured after crane contacted 27.6KV O.H. primary line.	Unknown	Injury	N/A
2022	Mar	Tiverton	Occupation	No	No	N/A			NI22002	Electrical worker injured after receiving a 347 volt shock.	Unknown	Injury	N/A
2022	Mar	Tiverton	N/A	No	No	Unknown			NI22001	Property damage from 200 amp fusible disconnect, fault on a phase blowing door off disconnect switch.	Yes	None	N/A

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2022	Feb	Chatham Kent Merlin	Occupation	No	Yes	N/A			WI2201	Electrical worker backfed a meter on a new house for temp power in the house. No temp service notification, no seals to meters or marks to indicate that it was live. Utility workers were injured while pulling in their service conductors.	Yes	Injury	N/A
2022	Feb	Cambridge	Non-occupation	No	No	Unknown			WI2203	Property damage from fire where neutral on the incoming overhead triplex was broken.	Yes	None	N/A
2022	Jan	Trenton	Non-occupation	No	No	Unknown			EI22001	Residential roof top fire involving solar panels.	Yes	None	Unknown
2021	May	Vaughan	Occupation	No	No	Unknown			SF21001	Property damage from fire when a 200A 600V switch created an arc flash.	Yes	None	N/A
2021	May	Ottawa	Non-occupation	No	No	Animal contact			EF21002	Property damage from fire caused by squirrel nest built under solar panels.	Yes	None	Unknown
2021	May	Westport	Occupation	Yes	Yes	Lack of hazard assessment			EI21001	Property damage from worker damaged underground conduits from excavation; in attempts to repair the damage, he made contact with a 4800V live feed.	Yes	None	N/A
2021	May	London	Occupation	No	No	misuse			WF21004	Property damage from fire when ballast/LED mismatch.	Yes	None	Unknown
2021	May	London	Occupation	No	No	Unknown			WF21003	Property damage from fire from a Baxter pump.	Yes	None	Unknown
2021	May	Cambridge	Non-occupation	No	No	Theft			WI21005	Person was injured when attempting copper theft in a high voltage substation.	Unknown	Injury	N/A
2021	Apr	Pembroke	Non-occupation	No	No	Unknown			EI2100	Property damage from fire.	Yes	Unknown	N/A
2021	Apr	Cambridge	Occupation	No	No	Unknown			WI21004 Notification: 20565629	Worker was injured while working with a semi-automatic tube welder.	Unknown	Injury	Unknown
2021	Apr	Thunder Bay	Non-occupation	No	No	Misuse			NI21001	Person was burnt when creating a Lichtenberg fractal wood burning device.	Unknown	Fatality	Yes
2021	Apr	Thames Centre	Non-occupation	No	No	Unknown			WF21002	Property damage from fire from lithium battery storage.	Yes	None	Unknown
2021	Apr	Tiverton	Occupation	No	No	Improper installation			NI21003	Worker was injured when attempting to connect a hydraulic hose to a machine; phase line was reversed with a bonding conductor resulting in energizing the chassis of the machine.	Unknown	Injury	Unknown
2021	Apr	Barrie	Occupation	No	No	Improper procedure			NI21002	Electrical worker was injured when testing the voltage of a CNC tooling machine; one of the leads created a short, resulting in an arc flash.	Unknown	Injury	Unknown

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2021	Mar	Welland	Non-occupation	Yes	Yes	Theft			WUI21003	Property damage to a hydro pole was found; LDC suspected it was an attempt to steal copper.	Yes	None	N/A
2021	Mar					Unknown			TBD3	Property damage from fire.	Yes	None	Unknown
2021	Mar	Kincardine	Non-occupation	No	No	Unknown			TBD4	Property damage from fire originating from basement bathroom.	Yes	None	Unknown
2021	Mar					Unknown			TBD5	Unknown	Unknown	Unknown	Unknown
2021	Feb	Toronto	Occupation	No	No	Unknown			CI21001	Electrical worker was injured by an arc flash at a 200A 347/600V main service disconnect.	Unknown	Injury	N/A
2021	Feb	Windsor	Occupation	No	No	Equipment failure			WI21001	Electrical worker was injured when replacing and re-energizing a panel.	Unknown	Injury	Unknown
2021	Feb	Bluewater	Occupation	Yes	Yes	Unknown			WUI21002	Property damage when contact was made between machine and overhead powerlines.	Yes	None	N/A
2021	Feb	Sarnia	Occupation	No	No	Improper procedure			WI21006	Worker was injured from an arc flash when replacing a 480V 15A bucket on an energized MCC.	Unknown	Injury	N/A
2021	Feb	Sarnia	Occupation	No	No	Improper procedure			WI21006	Worker was injured from an arc flash when replacing a 480V 15A bucket on an energized MCC.	Unknown	Injury	N/A
2021	Jan	Toronto	Non-occupation	No	No	Unknown			CF21001	A property fire resulting in fatalities was caused by the wiring above the chandelier.	Unknown	Fatality (not electrical)	Unknown
2021	Jan	Amherstburg	Occupation	No	No	Equipment failure			WF21001	Property damage when 600V hot water tank caught fire at element leads inside the electrical compartment.	Yes	None	Unknown
2021	Jan	Sault Ste. Marie	Non-occupation	No	No	Misuse			NF21001	Property damage from fire when a battery charger failed and ignited surrounding materials.	Yes	None	Unknown
2020	Dec	Ottawa	Occupation	Yes	Yes	Improper procedure			EUI20005	Property damage from contact between garbage truck and secondary conductors.	Yes	None	N/A
2020	Dec	Ottawa	Occupation	No	No	Improper installation			EF20004	Property damage from fire originating from incorrect wiring to its electrical service panel.	Yes	None	Unknown
2020	Nov	Oakville	Non-occupation	No	No	Incorrect installation			CI20009	Person was injured from back fence rail due to it being energized from the damaged insulation of a 120 V supply conductor that created a conductive path to the contact point.	Unknown	Injury	N/A
2020	Nov	Thunder Bay	Non-occupation	No	No	Misadventure			NF20003	Property damage from fire from a fuse panel due to power theft.	Unknown	None	Unknown

Year	Month	Location	Occupation/ Non-occupation	Powerline	Utility infrastructure	Cause of incident			ESA #	Incident summary	Property damage	Electrical injuries/ fatalities to person	Consumer electrical product was unapproved
2020	Nov	Bayham	Non-occupation	No	Yes	Unknown			WF20008	Property damage from explosion from meter malfunction.	Yes	None	No
2020	Nov	Toronto	Non-occupation	No	No	Unknown			CF20007	Property fire from a multi-unit dwelling.	Yes	None	Unknown
2020	Nov	Niagara Falls	Non-occupation	No	No	Unknown			WI20003	Person was injured from slipping into shower and causing a hair dryer to fall into the water.	No	Injury	Unknown
2020	Oct	Cornwall	Occupation	No	No	Equipment failure			EI20007	Electrical worker was injured from an arc flash when replacing a fuse, and an arc flash occurred after attempting to re-energize the system.	Yes	Injury	Unknown
2020	Oct	Cornwall	Occupation	No	No	Equipment failure			EI20007	Electrical worker was injured from an arc flash when replacing a fuse, and an arc flash occurred after attempting to re-energize the system.	Yes	Injury	Unknown
2020	Oct	Ingersoll	Occupation	Yes	Yes	Miscommunication			WUI20003	Property damage was caused when water department workers were digging to repair a water main and made contact with an underground 16 kV powerline.	Unknown	None	N/A
2020	Oct	St Catharines	Occupation	No	No	Unknown			SF20003	Property damage in a manufacturing plant from a failure in the rack out breakers of a MCC unit.	Yes	None	N/A
2020	Oct	Cobalt	Non-occupation	Yes	Yes	Improper procedure			NUI20003	Person was injured when contact was made with an overhead powerline after climbing atop a sand pile in a public works property.	Unknown	Injury	N/A
2020	Sep	Pickering	Occupation	No	No	Incorrect installation			EF20003	Property damage from a fire from an improperly installed dishwasher during a kitchen renovation.	Yes	None	Unknown
2020	Sep	Hearst	Occupation	No	No	Unknown			NI20001	Electrical worker was burned during an arc flash when turning on a circuit breaker.	No	Injury	Unknown
2020	Aug	St. Clair	Non-occupation	Yes	No	Incorrect installation			WF20006	Property damage from a fire in a gas dryer vent that was caused by a damaged overhead service neutral from a tree limb.	Yes	None	N/A
2020	Aug	Toronto	Occupation	Yes	Yes	Unknown			CUI20008	LDC linesperson was electrocuted when working in an underground transformer.	Unknown	Fatality	N/A
2020	Aug	Madsen	Occupation	Yes	Yes	Unknown			NUI20001	Worker was injured when anchoring a fire hose around a tree after it had fallen on an energized overhead 44 kV primary line.	No	Injury	N/A
2020	Aug	Russell Township	Occupation	No	No	Unknown			EI20006	Worker was electrocuted when contact was made with photovoltaic equipment.	Unknown	Fatality	Unknown

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2020	Aug	Bothwell	Non-occupation	Yes	Yes	Unknown			WUI20002	Person was injured when using a lift to remove a tree on their property when it made contact with an overhead primary line.	Unknown	Injury	N/A
2020	Jul	London	N/A	No	No	Improper installation			SF20002	Property damage from a fire due to improper installation of an electronic ballast in a light fixture.	Yes	None	Unknown
2020	Jul	Windsor	Occupation	No	No	Lack of maintenance			WF20004	Property damage from an arc flash of an unapproved transport trailer.	Yes	None	Yes
2020	Jul	Mississauga	Occupation	No	No	Unknown			CI20007	Electrical worker was injured when testing 44 kV equipment in a metering cabinet.	Unknown	Injury	N/A
2020	Jul	Owen Sound	Non-occupation	No	No	Unknown			WF20005	Property damage occurred in a dwelling where an electrical worker had installed new receptacles with no CAFCI devices, without pulling permits.	Yes	None	Unknown
2020	Jul	South Bruce	Occupation	Yes	Yes	Unknown			WI20002	Property damage to equipment occurred when a logging company caused a fallen tree to down an overhead line and pole top transformer.	Yes	None	N/A
2020	Jul	Oro-Medonte	Occupation	No	No	Unknown			CF20006	Property damage to a charger due to a forklift battery charger failure.	Yes	None	Unknown
2020	Jun	Maple	Occupation	No	No	Unknown			CI20006	Worker was injured when potential electrical contact was made with live exposed contacts on 120 V solenoid.	Unknown	Injury	N/A
2020	Jun	Tweed	Non-occupation	Yes	No	Improper procedure			EI20005	Property damage when person moved a ladder into secondary overhead conductors while tree trimming.	Yes	None	N/A
2020	Jun	Ottawa	Occupation	Yes	Yes	Improper procedure			EUI20004	Property damage due to dump truck making contact with a hydro pole and downing 27.6 kV cables.	Yes	None	N/A
2020	Jun	Toronto	Occupation	No	No	Unknown			CF20004	Property damage to electrical riser due to bus duct failure in a commercial structure.	Yes	None	N/A
2020	Jun	Barrie	Occupation	No	No	Improper procedure			CI20005	Electrical worker was injured when a drilling into an energized bus bar.	Yes	Injury	N/A
2020	Jun	Pickering	Occupation	No	No	Equipment failure			SI20005	Property damage due to power correction capacitor failure on 150 HP motor.	Yes	None	N/A
2020	Jun	Harriston	Occupation	Yes	Yes	Unknown			WUI20001	Property damage when dump truck made contact with overhead neutral line.	Yes	None	N/A
2020	Jun	South Frontenac	Non-occupation	No	No	Unknown			EF20002	Property damage when a panel failure was found.	Yes	None	Unknown



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2020	May	Ottawa	Occupation	Yes	Yes	Lack of awareness			EUI20003	Property damage from an unsecured piece of downspout that flew into the utility overhead service conductors.	Yes	None	N/A
2020	May	Napanee	Non-occupation	No	Yes	Unknown			EF20001	Property damage from a meter base fire.	Yes	None	No
2020	May	Orillia	Occupation	No	No	Equipment failure			CF20005	Property damage from a fire from a 24 kW photovoltaic inverter failure.	Yes	None	N/A
2020	May	Kitchener	Occupation	No	No	Unknown			SF20001	Property damage from a fire in an industrial facility from rectifier/HVAC penthouse; equipment was energized.	Yes	None	N/A
2020	May	Hamilton	Occupation	No	No	Improper procedure			SI20001	Worker was injured when a steel guard rail was being installed and hit a 120 V underground street light feeder.	Unknown	Injury	N/A
2020	May	Cobourg	Occupation	Yes	Yes	Unknown			EUI20002	Property damage due to a HV fuse blowing open because a vac truck had opened a pit and hit the blue and red phases.	Yes	None	N/A
2020	Apr	Toronto	Non-occupation	No	No	Misuse			CF20003	Property damage from a fire where computer processor overheated.	Yes	None	Unknown
2020	Mar	Thunder Bay	Non-occupation	No	No	Improper use			NF20001	Property damage from a fire due to incorrectly installed ceramic heater in a multi-unit building garage.	Yes	None	Unknown
2020	Mar	Woodstock	Occupation	No	No	Unknown			SI20003	Property damage when an arc flash occurred when replacing an energized aging panelboard.	Yes	None	Unknown
2020	Mar	Toronto	Occupation	No	No	Improper procedure			CI20003	Electrical worker was injured from an arc flash when working on an electrical breaker.	Unknown	Injury	Unknown
2020	Mar	Wellesley	Occupation	No	No	Lack of maintenance			WF20003	Worker was injured from a fire when using a steel chop saw that sparked and ignited nearby exposed insulation.	Yes	Injury	Unknown
2020	Feb	Toronto	Occupation	No	No	Improper procedure			CI20004	Electrical worker was injured from an arc flash when working on a switchboard.	Unknown	Injury	Unknown
2020	Feb	Brampton	Non-occupation	No	No	Misuse			CF20002	Property damage from a fire where extension cords were used to daisy chain kerosene space heaters.	Yes	None	Unknown
2020	Feb	Petawawa	Occupation	Yes	Yes	Unknown			EUI20001	Property damage when an arc flash occurred when contact was made between service conductors and the roof.	Yes	None	N/A
2020	Feb	Blue Mountains	Non-occupation	No	No	Incorrect installation			WF20001	Property damage from a fire when stove was found to be incorrectly installed.	Yes	None	Unknown
2020	Feb	Toronto	Non-occupation	No	No	Unknown			CF20001	Property damage from a fire starting from a space heater in a shed.	Yes	None	Unknown

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2020	Jan	Toronto	Occupation	No	No	Improper procedure			CI20001	Electrical worker was injured from an arc flash when working on a disconnect switch.	Unknown	Injury	N/A
2020	Jan	Toronto	Occupation	No	No	Improper procedure			CI20001	Electrical worker was injured from an arc flash when working on a disconnect switch.	Unknown	Injury	N/A
2020	Jan	Oshawa	Non-occupation	No	No	Aging			SI20001	Animal was injured when it came into contact with an improperly bonded streetlight.	No	None	N/A
2020	Jan	London	Occupation	No	No	Incorrect installation			WI20001	Property damage from a shorted termination resulting in upstream fuses to open, causing hot water to flood the room and surrounding area.	Yes	None	N/A
2019	Dec	Brampton	Occupation	No	No	Improper procedure			CI19012	Worker was injured from an arc flash when making contact with an energized bus bar between a switch and panel.	Unknown	Injury	N/A
2019	Nov	Meaford	Occupation	Yes	Yes	Incorrect procedure			WUI19005	Property damage from an excavator making contact with overhead neutral lines.	Yes	None	N/A
2019	Nov	Greater Napanee	Non-occupation	No	No	Incorrect installation			EF19005	Property damage from an incorrectly installed light fixture.	Yes	None	Unknown
2019	Nov	London	Non-occupation	No	No	Misuse			WI19007	Person was injured from an arc flash by plugging a USB jack into the side pin of a power bar.	Yes	Injury	Unknown
2019	Nov	Oakville	Occupation	No	No	Equipment failure			CI19011	Property damage from a fire from a failing exhaust fan.	Yes	None	Unknown
2019	Oct	Fitzroy Township	Non-occupation	No	Yes	Unknown			EUI19017	Property damage from a car hitting a hydro pole carrying a 7.2/12.5 kV line.	Yes	None	N/A
2019	Oct	King City	Occupation	Yes	Yes	Miscommunication			CUI19010	Property damage from contact with an underground 8 kV primary cable while worker was performing directional boring.	Yes	None	N/A
2019	Oct	London	Occupation	No	No	Improper procedure			SI19004	Worker was injured when restoring junction boxes with missing covers.	Unknown	Injury	Yes
2019	Oct	Hamilton	Occupation	No	No	Unknown			SI20002	Worker was injured when using dispatch equipment.	No	Injury	Unknown
2019	Oct	Chatsworth	Occupation	Yes	Yes	Improper procedure			WUI19004	Property damage from a vacuum truck that made contact with a primary 4.8 kV line.	Yes	None	N/A
2019	Oct	Toronto	Occupation	Yes	No	Unknown			CI19009	Property damage from a skyjack making contact with 120 V secondary overhead line.	Yes	None	N/A
2019	Nov	Toronto	Non-occupation	No	No	Unknown			CF19007	Property damage from a space heater fire.	Yes	None	Unknown

Year	Month	Location	Occupation/ Non-occupation	Powerline	Utility infrastructure	Cause of incident			ESA #	Incident summary	Property damage	Electrical injuries/ fatalities to person	Consumer electrical product was unapproved
2019	Sep	Horseshoe Valley	Occupation	Yes	No	Unknown			CI19006	Worker was injured when skyjack boom lift made contact with 44 kV overhead line.	Unknown	Injury	N/A
2019	Sep	Vaughan	Occupation	Yes	Yes	Unknown			CI19008	Property damage from a worker excavating two 16 kV underground primary cables, causing two fuses upstream to operate.	Yes	None	N/A
2019	Sep	Tudor and Cashel	Occupation	Yes	Yes	Human error			EI19015	Property damage from a dump truck that made contact with overhead primary line.	Yes	None	N/A
2019	Sep	Vaughan	Occupation	Yes	Unknown	Unknown			CI19007	Worker was electrocuted when heavy drilling equipment made contact with overhead powerlines.	Unknown	Fatality	N/A
2019	Sep	Kirkfield	Occupation	Yes	Yes	Improper procedure			EUI19016	Worker was electrocuted when hedge trimmer made contact with 7.2 kV overhead powerlines.	Unknown	Fatality	N/A
2019	Sep	Kirkfield	Occupation	Yes	Yes	Improper procedure			EUI19016	Worker was injured when hedge trimmer made contact with 7.2 kV overhead powerlines.	Unknown	Injury	N/A
2019	Sep	Toronto	Occupation	Yes	Yes	Unknown			CI19005	Worker was injured when tower crane made contact with 8 kV overhead powerline.	Unknown	Injury	N/A
2019	Sep	Toronto	Occupation	No	No	Unknown			CI19004	Worker was injured from an arc flash when overhead lines made contact with Hydro's overhead triplex's neutral.	Unknown	Injury	N/A
2019	Aug	Ottawa	Non-occupation	Yes	Yes	Unknown			EI19013	Property damage from a vehicle that struck a neutral cable on a hydro pole that made contact with the primary.	Yes	None	N/A
2019	Aug	Ottawa	Occupation	No	No	Improper procedure			EI19012	Property damage from an excavator making contact with underground conductor.	Yes	None	N/A
2019	Sep	Nepean	Occupation	Yes	Yes	Incorrect procedure			EI19014	Property damage from an excavator making contact with underground primary 120/240 V lines.	Yes	None	N/A
2019	Jul	Ottawa	Occupation	Yes	Yes	Unknown			EI19008	Property damage from workers making contact with HV underground utility cables with a pick axe.	Yes	None	N/A
2019	Jul	Pembroke	Occupation	Yes	No	Miscommunication			EI19010	Property damage when excavator made contact with secondary underground line.	Yes	None	N/A
2019	Jul	Toronto	Occupation	No	No	Improper procedure			CF19005	Property damage from stove-top fire.	Yes	None	Unknown
2019	Jul	London	Non-occupation	No	No	Arson			WF19002	Property damage from arson.	Yes	None	N/A
2019	Jul	Barrie	Non-occupation	No	No	Improper installation			CI19002	Person was injured when contact made with a fluorescent light fixture pin that did not have a bulb in place.	No	Injury	Unknown

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2019	Jul	Barrie	Non-occupation	No	No	Improper installation			CI19002	Person was injured when contact made with a fluorescent light fixture pin that did not have a bulb in place.	No	Injury	Unknown
2019	Jun	Trent Lakes	Occupation	Yes	Yes	Equipment failure			EI19009	Property damage from a dump truck axle making contact with a transformer pole.	Yes	None	N/A
2019	Jun	Toronto	Occupation	No	No	Lack of training			CI19003	Worker was electrocuted while working on an energized sign.	Unknown	Fatality	Unknown
2019	Jun	Ottawa	Occupation	No	No	Improper procedure			EI19011	Worker was injured while working on an electrical distribution panel.	Unknown	Injury	Unknown
2019	Jun	Hamilton	Occupation	No	No	Unknown			SI19003	Worker was injured when using an electrical kettle.	Unknown	Injury	Unknown
2019	Jun	Niagara Falls	Occupation	No	No	Improper procedure			WI19006	Worker was injured from an arc flash when working on an energized switchgear.	Unknown	Injury	N/A
2019	Jun	Ripley	Non-occupation	Yes	Yes	Human error			WU19002	Animal was electrocuted after the elevator it was pulling made contact with overhead primary conductor.	Unknown	None	N/A
2019	Jun	Ottawa	Occupation	Yes	Yes	Unknown			EI19007	Worker was injured when contact was made with primary line with a pump jack.	Unknown	Injury	N/A
2019	May	Stratford/Perth	Occupation	No	Yes	Equipment failure			WU19003	Property damage from meter failure.	Yes	None	No
2019	May	Windsor	Non-occupation	Yes	Yes	Human error			WU19001	Property damage when a tree being trimmed fell onto a 16 kV overhead distribution line.	Yes	None	N/A
2019	May	Hamilton	Occupation	Yes	No	Improper installation			SI19002	Property damage when a worker cut through a 13.8 kV underground cable.	Yes	None	N/A
2019	May	Niagara Falls	Occupation	Yes	Yes	Human error			WI19005	Property damage when a worker loading a garbage bin pulled the truck forward and made contact with overhead lines.	Yes	None	N/A
2019	May	Orangeville	Non-occupation	No	No	Incorrect installation			CF19002	Property damage from a fire from a non-OESC compliant rooftop solar installation.	Yes	None	Yes
2019	Apr	Stouffville	Non-occupation	No	No	Incorrect installation			CF19004	Property damage from a fire from an incorrectly installed sauna with a plug in connector.	Yes	None	Unknown
2019	Apr	Brampton	Non-occupation	No	No	Animal			SF19001	Property damage from a fire in a semi detached dwelling where gnawed-off wire was observed.	Yes	None	Unknown
2019	Apr	Sudbury	Occupation	No	No	Equipment failure			NI19001	Worker was injured from an arc flash when closing the 225 amp main disconnect switch on a ground fault panel.	Unknown	Injury	Unknown
2019	Apr	Vaughan	Non-occupation	No	No	Unknown			CF19003	Property damage from a fire in home due to overheated feeder cables that appeared to lack a neutral path back to the ground.	Yes	None	Unknown

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2019	Apr	Townsend	Non-occupation	No	No	Incorrect installation			WI19003	Person was injured when coming into contact with a chain that was connected to a non-code compliant installation of lights in a metal drive shed.	Unknown	Injury	Yes
2019	Apr	Rideau Lakes	Non-occupation	Yes	Yes	Human error			EI19006	Property damage when driver made contact with a utility pole.	Yes	None	N/A
2019	Apr	London	Non-occupation	No	No	Incorrect installation			WF19001	Property damage from a fire when a nail was observed to be attached through a wire near the ceiling joists.	Yes	None	Unknown
2019	Mar	Hamilton	Occupation	No	No	Improper procedure			SI19001	Worker was injured from an arc flash from opening a 600 V panel.	Yes	Injury	N/A
2019	Mar	Hamilton	Occupation	Yes	Yes	Improper procedure			WI19004	Worker was electrocuted when replacing flags and made contact with overhead powerlines.	Unknown	Fatality	N/A
2019	Mar	Port Stanley	Non-occupation	Yes	Yes	Human error			WI19002	Property damage on a boat from contact with overhead primary lines.	Yes	None	N/A
2019	Mar	Strathroy	Non-occupation	No	No	Human error			WI19001	Person was injured from an arc flash when removing a cord from a receptacle and a bracelet charm slipped between the cord and receptacle.	Unknown	Injury	Unknown
2019	Feb	Brampton	Occupation	No	No	Human error			CI19001	Property damage when a tape measure made contact with the energized blades in a welding lab.	Yes	None	N/A
2019	Feb	Brampton	Occupation	No	No	Act of God			CF19001	Property damage from a fire caused by a flood breaching into the distribution panel of a high-rise building.	Yes	None	N/A
2019	Feb	Kingston	Non-occupation	No	No	Unknown			EF19003	Property damage from an exploding halide lamp.	Yes	None	Unknown
2019	Jan	Kanata	Occupation	Yes	No	Unknown			EI19004	Worker was injured when excavating at a residence and made contact with live service conductors.	Unknown	Injury	N/A
2019	Jan	Kingston	Occupation	No	No	Overloading			EI19003	Property damage from when a worker was overloading a branch circuit, repeatedly causing spray foam insulation to blacken.	Yes	None	Unknown
2019	Jan	Ottawa	Occupation	No	No	Unknown			EF19002	Property damage from a fire occurring at the Phase Quest rotary phase converter equipment junction box.	Yes	None	N/A
2019	Jan	Ottawa	Non-occupation	No	Yes	Unknown			EF19001	Property damage when directional boring caused arcing and sparking in a meter base.	Yes	None	No
2019	Jan	Kingston	Occupation	No	Yes	N/A			EI19001	Property damage when pick up truck made contact with transformer pole.	Yes	None	N/A

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2019	Jan	Kingston	Occupation	No	Yes	N/A			EI19002	Property damage when an aluminum residential service conduit and internal copper wires were cut.	Yes	None	N/A
2018	Dec	Woodstock	Occupation	No	Yes	N/A			WUI18002	Property damage from arcing when an excavation pulled adjacent energized conductors free from the meter base.	Yes	None	N/A
2018	Dec	Port Rowan	Non-occupation	No	No	Unknown			WF18013	Property damage from a fire when a baseboard heater ignited nearby combustibles.	Yes	None	Unknown
2018	Nov	Sault Ste. Marie	Non-occupation	N/A	N/A	Unknown			NF18004	Property damage from an electrical fire, although scene was compromised.	Yes	None	Unknown
2018	Nov	Leamington	Occupation	No	No	Improper procedure			WI18010	Worker was electrocuted while working live on an unapproved electrical cabinet.	Yes	Fatality	Yes
2018	Nov	Toronto	Occupation	No	No	Incorrect installation			CI18010	Worker was injured from contact with equipment that was near an energized utility transformer.	Unknown	Injury	N/A
2018	Nov	Thamesville/ Chatham-Kent	Non-occupation	No	No	Loose connection			WF18006	Property damage from a fire caused by a loose incoming neutral at the main panel, causing arcing when metal overhead stack came into contact with metal roof flashing.	Yes	None	Unknown
2018	Unknown	Toronto	Non-occupation	No	No	Improper use			SF18002	Property damage when a mixer from a different country was plugged into the receptacle.	Yes	None	Yes
2018	Oct	Russell	Occupation	Yes	No	Human error			EI18009	Property damage when dump truck made contact with 4.8 kV utility line.	Yes	None	N/A
2018	Oct	North York	Occupation	No	No	Improper procedure			CI18009	An electrical worker was injured from an arc flash when performing an unauthorized 200 Amp service installation into an energized 800 Amp distribution centre.	Yes	Injury	N/A
2018	Oct	London	Non-occupation	Yes	No	Human error			WF18010	Property damage from a fire when the service equipment mast had a square opening cut into it and illegal connections were made.	Yes	None	N/A
2018	Oct	Toronto	Occupation	No	No	Incorrect installation			SI18001	Property damage when cam lock hot and neutral were reversed on last tee tower on the run, feeding two trucks.	Yes	None	Unknown
2018	Oct	Tiverton	Occupation	No	No	N/A			NI18002	Worker was injured when welder was performing hot work at a powerplant.	Unknown	Injury	N/A
2018	Oct	Caledon East	Non-occupation	No	No	Unknown			CF18004	Property damage from arcing when 4160 V, 1200 Amp cell failed.	Yes	None	N/A
2018	Oct	London	Non-occupation	No	No	Unknown			WF18009	Property damage from a fire, originating from living room receptacle.	Yes	None	Unknown

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2018	Oct	Selwyn	Non-occupation	No	No	Animal			EF18005	Property damage from a fire from animal interaction.	Yes	None	Unknown
2018	Oct	Mississauga	Non-occupation	Yes	Yes	Equipment failure			CUI18002	Property damage from damaged gang operated switch that had a catastrophic failure when switched.	Yes	None	N/A
2018	Sep	Dunrobin	Non-occupation	No	No	Act of God			EI18007	Property damage from cutting into a live wire.	Yes	None	Unknown
2018	Sep	Brantford	Occupation	No	No	Incorrect installation			SF18001	Property damage from a fire from an incorrectly installed retrofitted luminaire.	Yes	None	Unknown
2018	Sep	Mississauga	Non-occupation	No	No	Equipment failure			CI18003	Property damage from an explosion that occurred in the fuel sump pit at a gasoline station that resulted in the sump pit covers blowing off.	Yes	None	N/A
2018	Sep	Belleville	Non-occupation	No	No	Equipment failure			EF18004	Property damage from equipment failure of a heat recovery ventilation unit.	Yes	None	N/A
2018	Sep	Peterborough	Non-occupation	Yes	No	Equipment failure			EI18008	Property damage from arc blast from equipment failure between LDC transformer and main distribution switchboard.	Yes	None	N/A
2018	Sep	Strathroy	Occupation	No	No	Human error			WI18009	Property damage from directional boring and making contact with 2400 underground line.	Yes	None	N/A
2018	Aug	Ottawa	Occupation	No	No	Incorrect installation			EI18010	Worker was injured when testing an inoperative gas pump, which was found to be energized, as it was in the bonding path.	Unknown	Injury	N/A
2018	Aug	Thunder Bay	Non-occupation	No	No	Unknown			NF18003	Property damage from a fire from a halogen luminaire.	Yes	None	Unknown
2018	Aug	Markstay Warren	Non-occupation	No	No	Defective equipment			NF18002	Property damage from a fire from the main compartment of a 200 Amp service.	Yes	None	Unknown
2018	Aug	Warkworth, Trent Hills	Non-occupation	Yes	Yes	Lack of awareness of hazard			EUI18007	Person was electrocuted when making contact with powerline.	Unknown	Fatality	N/A
2018	Aug	Selwyn	Occupation	Yes	Yes	N/A			EUI18006	Property damage from contact with underground 7200 V cable.	Yes	None	N/A
2018	Aug	Toronto	Non-occupation	No	No	Lack of maintenance			CF18003	Property damage when electrical failure caused multiple fires on various levels of a building.	Yes	None	Unknown
2018	Aug	Toronto	Occupation	No	Yes	Unknown			CF18005	Property damage from fault that occurred from the primary side of the main breaker in one of the switchboards.	Yes	None	N/A
2018	Aug	Peterborough	Occupation	Yes	Yes	Unknown			EI19005	Property damage from a broken 7200 V distribution line.	Yes	None	N/A
2018	Sep	Frankford	Non-occupation	No	Yes	N/A			EI18004	Property damage from allegedly multiple overvoltage instances.	Yes	None	N/A

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2018	Aug	Toronto	Occupation	No	No	Miscommunication			CI18002	Worker was injured from contact with a large teck cable lying on the ground.	Unknown	Injury	N/A
2018	Jul	Milton	Occupation	No	No	Defective equipment			WI18008	Electrical worker was injured from arc flash when turning on a 30 A 600 V breaker.	Unknown	Injury	N/A
2018	Jul	Trenton	Public place	Yes	Yes	N/A			EUI18005	Person was injured after contact with a downed powerline.	Yes	Injury	N/A
2018	Jul	Hamilton	Occupation	No	No	Improper procedure			WI18006	Electrical worker was injured while working on an energized low voltage transformer.	Yes	Injury	N/A
2018	Jul	Ottawa	Non-occupation	Yes	Yes	Human error			EF18003	Property damage from a fire from homeowner downing trees onto powerlines.	Yes	None	N/A
2018	Jul	Ottawa	Non-occupation	Yes	No	Human error			EI18002	Property damage from a truck unintentionally hooking the service overhead conductors, pulling the service mast off the house.	Yes	None	N/A
2018	Jul	Brant County	Non-occupation	No	No	Damaged equipment			WF18008	Property damage from arcing occurring behind aluminum siding and under roof shingles.	Yes	None	Unknown
2018	Jun	Kitchener	Occupation	No	No	Faulty equipment			WI18004	Worker was injured when he cut the water pipe feeding into a house.	Unknown	Injury	N/A
2018	Jun	Kitchener	Occupation	No	No	Faulty equipment			WI18004	Worker was injured when he cut the water pipe feeding into a house.	Unknown	Injury	N/A
2018	Jun	Kitchener	Occupation	No	No	Faulty equipment			WI18004	Worker was injured when he cut the water pipe feeding into a house.	Unknown	Injury	N/A
2018	Jun	Port Colborne	Occupation	No	Yes	N/A			WI18007	Worker was injured while inspecting a 27.6 kV outdoor switch.	Unknown	Injury	N/A
2018	Unknown	Brampton	Occupation	Yes	Yes	N/A			CUI18003	Property damage from contact with an energized 13.8 kV cable.	Yes	None	N/A
2018	May	Mississauga	Occupation	No	No	Loose connection			CF18001	Property damage from loose connections in a generator.	Yes	None	N/A
2018	May	Seaforth	Occupation	No	Yes	Equipment failure			WF18004	Property damage from meter failure.	Yes	None	No
2018	May	Toronto	Occupation	No	No	Human error			CI18004	Electrical worker was injured from arc flash when connecting a 600 V teck cable to the controller.	Yes	Injury	N/A
2018	May	Brampton	Non-occupation	No	Yes	Defective equipment			CF18002	Property damage from fire when left line side lug broke off from meter base.	Yes	None	N/A
2018	May	Toronto	Occupation	No	No	Human error			CI18005	Worker was injured when inserting a screwdriver into an energized motor contractor.	Unknown	Injury	N/A
2018	May	Camlachie	Non-occupation	No	No	Unknown			WF18002	Property damage from fire originating from main electrical panel.	Yes	None	Unknown



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2018	May	Seaforth	Occupation	No	Yes	Equipment failure			WF18005	Property damage from arcing from meter failure.	Yes	None	No
2018	May	Frankford	Non-occupation	No	Yes	N/A			EI18003	Property damage from alleged overvoltage incidents.	Yes	None	N/A
2018	Apr	London	Non-occupation	No	N/A	Equipment failure			WF18003	Property damage from fire from light fixture.	Yes	None	Unknown
2018	Apr	Timmins	Occupation	Yes	Yes	N/A			NI18001	Property damage from truck making contact with hydro pole.	Yes	None	N/A
2018	Mar	Port Dover	Occupation	No	No	N/A			WI18003	Property damage from main breaker failure.	Yes	None	Unknown
2018	Mar	Bradford	Non-occupation	No	No	Equipment failure			CF18006	Property damage from meter base fire.	Yes	None	Unknown
2018	Mar	Kapuskasing	Non-occupation	No	No	Unknown			NF18001	Property damage from fire from electrical panels and wiring.	Yes	None	Unknown
2018	Mar	Toronto	Occupation	Yes	Yes	Human error			CI18006	Near miss when crane came into contact with 13.8 kV high voltage line.	Yes	None	N/A
2018	Mar	London	Non-occupation	No	No	Human error			WI18002	Person was injured when working on a homemade fractal wood burning machine.	Unknown	Injury	Yes
2018	Feb	Ajax	Occupation	No	No	Human error			EI18001	Worker was electrocuted when making contact with live wiring during light installation.	Unknown	Fatality	Unknown
2018	Feb	Ottawa	Occupation	No	No	Unknown			EF18002	Property damage from failure of a distribution panel board after installation	Yes	None	Unknown
2018	Feb	Toronto	Occupation	Yes	No	Human error			CI18007	Worker was injured from contact with 27.6 kV overhead line when driving a truck.	Unknown	Injury	N/A
2018	Feb	Toronto	Occupation	No	No	Defective equipment			CI18008	Worker was injured when the electrical disconnect that was shut off had a catastrophic failure (explosion).	Yes	Injury	N/A
2018	Feb	Petrolia	Occupation	Yes	Yes	Human error			WUI18001	Near miss when worker tried to maneuver a man lift that made contact with 115 kV transmission line.	No	None	N/A
2018	Feb	Niagara Falls	Non-occupation	No	No	Misuse			SF18003	Property damage from fire originating from an internal failure of an HVAC unit.	Yes	None	N/A
2018	Feb	Toronto	Public place	Yes	Yes	N/A			CUI18001	Animal was injured from a downed utility wire.	Unknown	None	N/A
2018	Jan	London	Occupation	No	No	Human error			SI18002	Electrical worker was injured from an arc flash after installing a 400 Amp disconnect in a 1600 Amp, 600 V switchboard.	Unknown	Injury	N/A
2018	Jan	London	Occupation	No	No	Human error			SI18002	Electrical worker was injured from an arc flash after installing a 400 amp disconnect in a 1600 amp, 600 V switchboard.	Unknown	Injury	N/A

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2018	Jan	London	Occupation	No	No	Human error			SI18002	Electrical worker was injured from an arc flash after installing a 400 amp disconnect in a 1600 amp, 600 V switchboard.	Unknown	Injury	N/A
2018	Jan	London	Non-occupation	No	No	N/A			WF18001	Property damage from fire in a home with knob and tube wiring.	Yes	None	Unknown
2018	Jan	Newmarket	Non-occupation	No	No	Unknown			CF18007	Property damage from a fire.	Yes	None	Unknown
2018	Jan	Toronto	Occupation	No	No	Human error			CI18001	Worker was injured from a flash burn when testing a 30 A 600 V disconnect switch.	Yes	None	N/A
2018	Jan	Ottawa	Occupation	No	No	Misuse			EF18001	Property damage from a fire originating from the break room with a severely damaged powerbar connecting two extension cords under floor mats.	Yes	None	Unknown
2018	Jan	Toronto	Public place	Yes	Yes	N/A			CUI18001	Person was injured from a downed utility wire.	Unknown	Injury	N/A
2018	Jan	Brockville	Non-occupation	No	Yes	Equipment failure			EF18006	Property damage from a fire from a meter.	Yes	None	No
2017	Dec	Whitby	Occupation	No	No	Improper procedure			EA17011	Worker was injured when removing fuses from a live bucket.	Unknown	Injury	N/A
2017	Dec	Toronto	Occupation	No	No	Improper procedure			CI17009	Worker was injured from arc flash when working inside a switchboard cell.	Yes	Injury	N/A
2017	Dec	Nairn Center	Occupation	No	No	Equipment failure			NF18005	Property damage from arc flash from equipment failure of MCC.	Yes	None	N/A
2017	Dec	Sault Ste. Marie	Non-occupation	No	Yes	Unknown			NF17003	Property damage from a fire from a meter base.	Yes	None	No
2017	Dec	Ottawa	Non-occupation	No	No	Unknown			EF17015	Property damage from fire originating from wiring between the joists.	Yes	None	Unknown
2017	Nov	Sudbury	Occupation	No	No	Defective equipment			NI17005	Worker was injured when working on a light tower.	Unknown	Fatality	Yes
2017	Nov	Petrolia	Non-occupation	Yes	No	Animal			WI17005	Property damage from a fault due to animal contact with conductor insulation.	Yes	None	N/A
2017	Nov	Thames Centre	Occupation	No	No	Unknown			WF17004	Property damage from fire originating from connection between the heater and receptacle of recreation hall ceiling.	Yes	None	Unknown
2017	Oct	Wallaceburg	Non-occupation	Yes	Yes	Damaged equipment			WU17006	Person was injured from arc flash while working on the roof when overhead secondary line made contact with metal drop edge of roof.	Yes	Injury	N/A
2017	Oct	Quinte West	Non-occupation	No	No	Unknown			EF17014	Property damage from fire originating from receptacle.	Yes	None	Unknown

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2017	Oct	Hamilton	Non-occupation	No	No	Unknown			WF17003	Property damage from fire at main disconnect switch.	Yes	None	N/A
2017	Oct	Toronto	Non-occupation	Yes	No	Act of God			CF17005	Property damage from fire when a fallen neutral conductor pulled apart at overhead, causing the conductor to overheat.	Yes	None	N/A
2017	Oct	Plympton-Wyoming	Occupation	Yes	No	N/A			WI17006	Worker was injured when the wind blew the boom truck's cable into overhead primary lines.	Unknown	None	Unknown
2017	Sep	Toronto	Non-occupation	No	Yes	Misadventure			CU17001	Person was electrocuted when stealing copper from a substation.	Unknown	Fatality	N/A
2017	Sep	Ottawa	Non-occupation	No	No	Unknown			EF17012	Property damage from fire originating from the living room of a building.	Yes	Injury	Unknown
2017	Sep	Vaughan	Non-occupation	No	No	Unknown			CF17004	Property damage from fire from a smoldering and melting receptacle.	Yes	None	Unknown
2017	Sep	Peterborough	Occupation	Yes	Yes	Human error			EU17007	Property damage from contact with 120/208 V overhead secondary line by dump truck.	Yes	None	N/A
2017	Sep	Kanata	Non-occupation	No	No	Equipment failure			EF17011	Property damage from a fire originating from the HRV.	Yes	None	Unknown
2017	Sep	Brampton	Non-occupation	Yes	No	Unknown			CI17008	Person was injured when trimming tree limbs when contact was made with primary lines.	Unknown	Injury	N/A
2017	Aug	Peterborough	Non-occupation	No	No	Unknown			EF17013	Property damage from fire originating from old air conditioner.	Yes	None	Unknown
2017	Aug	Mississauga	Non-occupation	No	No	Improper installation			CF17006	Property damage from fire where an 8/3 NMSC was found on the ground between a house and garage.	Yes	None	Unknown
2017	Aug	Brampton	Occupation	No	No	Unknown			CI17007	Electrical worker was injured from arc flash when working with a panelboard on a ladder.	Yes	None	N/A
2017	Aug	Kintore	Non-occupation	No	Yes	Suicide			WU17005	Person was electrocuted by suicide by making contact with electrical transformer.	Unknown	Fatality	N/A
2017	Aug	Petrolia	Occupation	Yes	Yes	Unknown			WU17004	Property damage from contact between a tractor and transmission equipment/line.	Yes	None	N/A
2017	Aug	Brockville	Occupation	No	No	Unknown			EF17009	Property damage from fire while removing and changing fluorescent tubes of a light fixture.	Yes	None	Unknown
2017	Jul	Highlands East	Non-occupation	Yes	Yes	Unknown			EU17006	Property damage from a downed tree striking a single phase primary line.	Yes	None	N/A
2017	Jul	Ottawa	Occupation	No	No	Human error			EA17008	Property damage when worker contacted electrical wires while cutting concrete floor.	Yes	None	N/A

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2017	Jul	Trenton	Occupation	No	No	Improper procedure			EA17010	Worker was injured from arc flash when making contact with energized electrical parts in electrical room.	Unknown	Injury	N/A
2017	Unknown	South Frontenac	Occupation	Yes	No	N/A			EUI17004	Property damage from contact between excavator and secondary underground conduit.	Yes	None	N/A
2017	Jul	Thunder Bay	Occupation	No	No	Unknown			NI17004	Property damage from contact between jackhammer and 150 A panel feeder.	Yes	None	Unknown
2017	Jul	Peterborough	Occupation	Yes	Yes	Unknown			EUI17008	Worker was electrocuted when contact was made between vehicle bucket and overhead high voltage lines.	Unknown	Fatality	N/A
2017	Jun	Georgian Bay	Occupation	No	No	Aging			CA17006	Person was injured when entering the water after resetting two breakers at the main panel for the dock.	Unknown	Injury	N/A
2017	Jun	Georgian Bay	Occupation	No	No	Aging			CA17006	Person was injured when entering the water after resetting two breakers at the main panel for the dock.	Unknown	Injury	N/A
2017	Jun	Mitchell/West Perth	Occupation	No	No	Human error			WI17002	Electrical worker was injured when tying new conductors in existing conductors in the attic of a steel structure building.	Unknown	Injury	N/A
2017	Jun	New Tecumseth	Occupation	No	No	Improper installation			CA17003	Worker was injured from arc flash when working on production equipment and metal material slipped between a 600 V/30 A twist lock cord drop.	Unknown	Injury	Unknown
2017	Jun	Amaranth	Non-occupation	Yes	Yes	Damaged equipment			WUI17003	Near miss from contact between lawn mower and dangled broken primary neutral ACSR.	Yes	None	N/A
2017	May	Dysart and Others	Public place	Yes	No	Human error			EU17003	Property damage from boom making contact with overhead neutral conductor.	Yes	None	N/A
2017	May	Toronto	Occupation	No	Yes	Improper procedure			CUA17005	Property damage when utility inadvertently re-energized redundant feeder that was partially removed.	Yes	None	N/A
2017	May	Toronto	Occupation	N/A	N/A	Equipment failure			CF17003	Property damage from fire from overheated disconnect switch for PV system.	Yes	None	Unknown
2017	May	Ottawa	Non-occupation	N/A	N/A	Lack of maintenance			EA17003	Person was injured when standing between metal barricade fencing that encompassed two separate amusement rides.	Unknown	Injury	N/A
2017	May	Fergus	Occupation	No	No	Incorrect procedure			SI17002	Worker was injured when troubleshooting energized production testing equipment.	Unknown	Injury	Unknown
2017	May	Kingston	Non-occupation	No	No	Improper installation			EF17008	Property damage from fire originating between kitchen floor and basement ceiling near a joist.	Yes	None	Unknown

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2017	May	Nepean	Non-occupation	Yes	Yes	Human error			EA17009	Property damage from contact between underground secondary and digging equipment.	Yes	None	N/A
2017	May	Brantford	Occupation	No	No	Lack of training			WI17004	Worker was injured from arc flash when installing new fuses.	Yes	Injury	N/A
2017	May	Vaughan	Occupation	No	No	Human error			CA17004	Electrical worker was injured from arc flash when making contact with different phases with multimeter probe.	Yes	Injury	N/A
2017	May	Greater Napanee	Public place	No	No	Unknown			EF17006	Property damage from fire originating from travel trailer in campground.	Yes	None	Unknown
2017	Apr	Peterborough	Non-occupation	Yes	Yes	Human error			EA17007	Person was electrocuted from contact with primary overhead line while tree trimming.	Yes	Fatality	N/A
2017	Apr	Haldimand	Occupation	No	No	Unknown			WF17002	Property damage from fire originating from electric heater or improper staling on conductors in a house under construction.	Yes	None	Unknown
2017	Mar	Ottawa	Occupation	Yes	Unknown	N/A			EA17002	Property damage from contact between overhead lines and boom.	Yes	None	N/A
2017	Mar	Kingston	Occupation	No	N/A	N/A			EA17001	Worker was injured when moving a powerpack for a saw.	Unknown	Injury	Unknown
2017	Mar	Oshawa	Occupation	No	No	Faulty equipment			SF17001	Property damage from fire when MCC capacitor ruptured.	Yes	None	N/A
2017	Mar	Ottawa	Occupation	No	No	Improper procedure			EA17006	Electrical worker was injured when testing a 600 V MCC cabinet with a multimeter.	Unknown	Injury	N/A
2017	Mar	Toronto	Occupation	No	No	Defective equipment			CA17002	Property damage from electrical worker pushing trip button on 5,000 Amp breaker and the breaker failed.	Yes	None	N/A
2017	Mar	Kingston	Occupation	No	No	Unknown			EF17002	Property damage from fire from electrical panel in restaurant.	Yes	None	N/A
2017	Mar	Thorndale	Occupation	No	No	Equipment failure			WI17001	Property damage from fault of a distribution panel at 250 A breaker location.	Yes	None	N/A
2017	Mar	Thunder Bay	Non-occupation	No	No	Incorrect installation			NF17002	Property from fire originating from basement ceiling (main floor joists).	Yes	None	Unknown
2017	Feb	Ottawa	Occupation	No	No	Unknown			EA17004	Electrical worker was injured when changing faulty breakers in distribution panel.	Yes	Injury	Unknown
2017	Feb	Wallaceburg	Occupation	Yes	Yes	N/A			WU17002	Property damage from contact between forklift and utility pole.	Yes	None	N/A

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2017	Feb	Ottawa	Non-occupation	No	No	Unknown			EF17004	Property damage from fire originating from the rear level of a detached dwelling.	Yes	None	Unknown
2017	Feb	Uxbridge	Non-occupation	N/A	N/A	Human error			EA17005	Person was electrocuted when operating a homemade Lichtenberg device.	Unknown	Fatality	Yes
2017	Feb	St. Catharines	Occupation	No		Unknown			SI17001	Worker was injured when contacting energized equipment frame.	Unknown	Injury	N/A
2017	Jan	Mississauga	Occupation	No	No	Improper installation			CA17001	Electrical worker was injured when working on outdoor block heater receptacles.	Unknown	Injury	Unknown
2017	Jan	Sarnia	Occupation	Yes		Human error			WUI17001	Property damage from demolition where material fell in the wrong direction and made contact with 27.6 kV lines.	Yes	None	N/A
2017	Jan	Ottawa	Non-occupation	No	No	Unknown			EF17010	Property damage from fire originating from receptacle behind a dresser secured to the cinder block wall with wood strapping.	Yes	None	Unknown
2016	Dec	Guelph	Occupation	No	No	N/A			SI16005	Property damage when a 13.9 kV cable was cut.	Yes	None	N/A
2016	Dec	Toronto	Fire	No	No	Equipment failure			CF16003	Worker was injured by fire originating from laser cutting machine.	Yes	Injury	Unknown
2016	Dec	Ajax	Occupation	No	No	Unknown			EI16026	Worker was injured from arc flash when working on energized switchgear.	Yes	Injury	N/A
2016	Dec	Sudbury	Fire	No	No	Unknown			NF16007	Property damage from fire originating from living room of a house.	Yes	Fatality	Unknown
2016	Dec	Ottawa	Fire	No	No	Over fusing			EF16029	Property damage from fire originating from electrical wiring in the basement of a house.	Yes	None	Unknown
2016	Dec	Dysart and Others	Occupation	Unknown	Unknown	Unknown			EI15010	Worker was injured from contact between dam gate and steel chocker.	No	Injury	N/A
2016	Nov	St. Catharines	Fire	No	No	Defective equipment			WF16016	Property damage from fire originating from short circuit in receptacle.	Yes	None	Unknown
2016	Nov	Dysart and Others	Non-occupation	Yes	Yes	Improper procedure			EUI16027	Property damage from contact between tree cutting and overhead powerline.	Yes	None	N/A
2016	Nov	Vaughan	Occupation	No	No	Improper procedure			CA16015	Near miss when electrical worker made contact with energized buses in main switchgear.	No	None	N/A
2016	Nov	King	Fire	No	No	Animal			CF16002	Property damage from fire originating from PV module of rooftop solar installation due to squirrel nesting.	Yes	None	Unknown
2016	Nov	Kingston	Fire	No	No	Unknown			EF16030	Property damage from fire originating from bedroom receptacle.	Yes	None	Unknown

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2016	Nov	Woodstock	Occupation	Yes	Yes	Miscommunication			WU116006	Property damage from contact between excavator and underground 16 kV cable.	Yes	None	N/A
2016	Nov	Toronto	Occupation	No	No	Improper procedure			CA16013	Worker was injured when drilling in the floor of an elevator and made contact with energized conductor.	Unknown	Injury	N/A
2016	Nov	Ottawa	Occupation	Yes	Yes	Improper procedure			EUI16023	Near miss when worker made contact between utility pole and backhoe.	Yes	None	N/A
2016	Nov	Ottawa	Occupation	No	No	Unknown			EI16025	Worker was injured from arc flash when installing a 400 A fuse into a disconnect switch.	Yes	Injury	N/A
2016	Nov	Oshawa	Non-occupation	No	No	Faulty equipment			SF16001	Property damage from fire where cabinet was cut away, exposing two receptacles mounted with aftermarket receptacle expansion device.	Yes	None	N/A
2016	Oct	New Tecumseth	Non-occupation	No	No	Unknown			NI16008	Property damage from arc flash when a 600 V 200 A failed.	Yes	None	N/A
2016	Oct	Dresden	Occupation	No	No	Improper procedure			SI16001	Electrical worker was injured when resetting an overload for a motor starter in an MCC.	Yes	Injury	N/A
2016	Oct	Bancroft	Occupation	Yes	Yes	Unknown			EUI16029	Worker was injured when contact was made between the truck and utility pole.	Yes	Injury	N/A
2016	Oct	St. Catharines	Occupation	No	No	Improper use			SI16004	Electrical worker was injured when turning on a disconnect switch which led to a circuit powering a stud welder. The plug for the welder had been modified to fit a different configuration receptacle.	Yes	Injury	N/A
2016	Sep	Windsor	Fire	No	No	Improper installation			SF16002	Property damage from fire originating from electrical room where fuses were not tightened in fuse holders of disconnect switch feeding solar panels, causing overheating.	Yes	None	N/A
2016	Sep	Waterloo	Fire	No	No	Mechanical failure			WF16014	Property damage from fire in electrical room where a fault occurred at hydro pole outside of the residence.	Yes	None	N/A
2016	Sep	Aurora	Occupation	No	Unknown	Unknown			CA16016	Person was injured when repairing a capacitor bank.	Unknown	Injury	N/A
2016	Sep	Windsor	Occupation	No	No	Improper procedure			WI16017	Electrical worker was injured by arc flash when removing an old energized feeder.	Yes	Injury	N/A
2016	Aug	Kincardine	Non-occupation	No	No	Unknown			WI16016	Person was injured when using an electrical vehicle charger.	No	Injury	Unknown

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2016	Aug	Toronto	Occupation	No	No	Improper installation			CA16010	Worker was electrocuted when changing fluorescent bulbs; a combination of equipment failure and improper bonding resulted in many energized conductive parts in the room.	No	Fatality	Unknown
2016	Aug	Port Credit	Occupation	Yes	Yes	Improper use			CUA16011	Worker was injured from contact between boom and overhead 27.6 kV power line.	Unknown	Injury	N/A
2016	Aug	Elmira	Occupation	No	No	Unknown			WI16010	Worker was electrocuted although source of electricity remains unclear.	Unknown	Fatality	Unknown
2016	Aug	Espanola	Occupation	Yes	Yes	Improper use			NI16005	Worker was injured from contact between pump truck boom and 115 kV powerline.	Unknown	Injury	N/A
2016	Aug	Espanola	Occupation	Yes	Yes	Improper use			NI16005	Worker was injured from contact between pump truck boom and 115 kV powerline.	Unknown	Injury	N/A
2016	Aug	Ingersoll	Occupation	No	Yes	Improper installation			WUI16004	Near miss when cable became entangled with HV equipment and tripped a fuse.	Yes	None	N/A
2016	Aug	Sault Ste. Marie	Fire	No	No	Improper use			NF16005	Property damage from fire from extension cord.	Yes	None	Unknown
2016	Aug	Mississauga	Occupation	No	No	Improper procedure			CA16014	Worker was injured when contact made between fish tape and energized circuit.	No	Injury	N/A
2016	Aug	Espanola	Occupation	Yes	Yes	Improper use			NI16005	Worker was injured from contact between 115 kV powerline and pump truck boom.	Yes	Injury	N/A
2016	Aug	Thessalon	Occupation	No	No	Improper procedure			NI16006	Electrical worker was injured from arc flash when replacing a burnt fuse in a disconnect switch.	Yes	Injury	N/A
2016	Aug	Strathroy	Occupation	Yes	Yes	Improper procedure			WUI16003	Electrical worker was injured from contact between overhead powerline and drop lead.	Unknown	Injury	N/A
2016	Aug	Vaughan	Occupation	No	No	Improper procedure			SA16002	Worker was injured from arc flash when changing fuses from an energized 600 V MCC.	Yes	Injury	N/A
2016	Jul	Fort Erie	Fire	No	Yes	Unknown			WF16012	Property damage from fire originating from electrical distribution panel.	Yes	None	N/A
2016	Jul	Sarnia	Occupation	Yes	Yes	Improper procedure			WUI16005	Property damage from contact with dump truck and 5 kV overhead primary line.	Yes	None	N/A
2016	Jul	Mississauga	Occupation	No	No	Improper procedure			SA16003	Near miss from contact between jack hammer and power conduit below.	Yes	None	Unknown
2016	Jul	Tecumseh	Occupation	No	No	Poor design			WI16008	Worker was injured when power conductor of crane came loose and contacted a bonded rail, creating a current path.	No	Injury	N/A
2016	Jul	Ottawa	Fire	No	No	Unknown			EF16023	Property damage from fire originating from a kitchen toaster.	Yes	None	Unknown



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2016	Jul	Owen Sound	Fire	No	No	Unknown			WF16011	Property damage from fire originating from exhaust fan of lower level bathroom.	Yes	None	Unknown
2016	Jun	Toronto	Occupation	No	No	Improper procedure			CA16005	Electrical worker was injured from arc flash when removing equipment from a store.	Unknown	Injury	Unknown
2016	Jun	Copper Cliff	Occupation	No	No	Improper procedure			NI16007	Electrical worker was injured from arc flash when removing control wires from an energized MCC bucket.	Unknown	Injury	N/A
2016	Jun	Windsor	Occupation	No	No	Misuse			WI16009	Worker was injured from arc flash when misusing a testing device on an energized 600 V switchgear.	Unknown	Injury	N/A
2016	Jun	Windsor	Occupation	No	No	Misuse			WI16009	Worker was injured from arc flash when misusing a testing device on an energized 600 V switchgear.	Unknown	Injury	N/A
2016	Jun	Windsor	Occupation	No	No	Misuse			WI16009	Worker was injured from arc flash when misusing a testing device on an energized 600 V switchgear.	Unknown	Injury	N/A
2016	Jun	Kingston	Fire	No	No	Unknown			EF16025	Property damage from fire originating from bathroom ceiling exhaust fan.	Yes	None	Unknown
2016	Jun	Ottawa	Occupation	Yes	No	Unknown			EUI16024	Property damage from contact between truck and secondary overhead 240 V conductors.	Yes	None	N/A
2016	Jun	Napanee	Occupation	Yes	Yes	Improper procedure			EUI16022	Property damage from contact between dump truck and communication wires, which pulled down an attached hydro pole.	Yes	None	N/A
2016	May	Ottawa	Occupation	Yes	Yes	Improper procedure			EI16018	Property damage from contact between excavator and underground 4160 V line.	Yes	None	N/A
2016	May	Windsor	Non-occupation	Yes	Yes	Unknown			WUI16001	Property damage from contact between tree fall and 16 kV primary line.	Yes	None	N/A
2016	May	Toronto	Occupation	No	No	Human error			CA16007	Property damage from arc flash when de-energized disconnect switch made contact with energized line side.	Yes	None	N/A
2016	May	Quinte West	Fire	No	No	Improper installation			EF16024	Property damage from fire originating from electrical panel in garage.	Yes	None	Unknown
2016	May	Thunder Bay	Fire	No	No	Improper installation			NF16002	Property damage from fire originating from crawl space where a 240 V BX cable fed a bathroom electrical heater.	Yes	None	Unknown
2016	May	Kingston	Fire	No	Unknown	Unknown			EF16017	Property damage from fire originating from meter base.	Yes	None	No
2016	May	Toronto	Occupation	No	Unknown	Unknown			CA16006	Property damage from exploding meter base.	Yes	None	No

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2016	May	Kingston	Occupation	Yes	No	Lack of awareness of hazard			EI16015	Worker was injured when on a scaffold; service entrance conductors were mislabelled during initial service connection.	No	Injury	N/A
2016	May	Kingston	Occupation	Yes	No	Lack of awareness of hazard			EI16015	Worker was injured when on a scaffold; service entrance conductors were mislabelled during initial service connection.	No	Injury	N/A
2016	May	St. Clair Township	Occupation	Yes	Yes	Human error			WU116002	Property damage when tractor made contact with guy wire and snapped overhead 13.8 kV powerlines.	Yes	None	N/A
2016	May	Kingston	Occupation	Yes	No	Lack of awareness of hazard			EI16015	Worker was injured when on a scaffold; service entrance conductors were mislabelled during initial service connection.	No	Injury	N/A
2016	Apr	Toronto	Occupation	Yes	Yes	Unknown			CA16008	Near miss from contact between shovel and underground 240 V line.	Yes	None	N/A
2016	Apr	Ottawa	Fire	Yes	No	Miscommunication			EF16014	Property damage from fire from contact between excavator and underground cables.	Yes	None	N/A
2016	Apr	St. Clair Township	Occupation	No	No	Incorrect procedure			WI16007	Property damage from arc flash when using a grounding and testing device on a 4160 V disconnect.	Yes	None	N/A
2016	Apr	Mississauga	Non-occupation	Yes	Yes	Improper procedure			CUA16004	Person was injured from contact when snow shovel came into contact with 4 kV primary line.	No	Injury	N/A
2016	Apr	Ancaster	Occupation	No	No	Lack of awareness of hazard			WI16005	Near miss from arc flash when replacing a 200 A panel; one line was energized.	No	None	N/A
2016	Apr	Azilda	Occupation	No	No	Improper procedure			NI16001	Worker was injured from arc flash from contact between energized disconnect switch and screwdriver.	Unknown	Injury	N/A
2016	Apr	Brantford	Unknown	Yes	Yes	Improper installation			WI16004	Property damage from a 4 kV underground primary cable that faulted.	Yes	None	N/A
2016	Apr	Ottawa	Non-occupation	No	No	Faulty equipment			EI16021	Person was injured from contact with an energized oven door.	No	Injury	Unknown
2016	Mar	Guelph	Fire	No	No	Misuse			WF16005	Property damage from fire originating from bedroom receptacle.	Yes	None	Unknown
2016	Mar	Toronto	Occupation	No	No	Defective equipment			CA16003	Worker was injured when changing 60 A fuse in a bus duct mounted switch.	Yes	Injury	N/A
2016	Mar	Belleville	Fire	No	No	Unknown			EF16013	Property damage from fire originating from wiring above the panel in the basement of a house.	Yes	None	Unknown

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2016	Mar	North Bay	Occupation	No	No	Unknown			NF16001	Property damage from fire originating from electrical room panelboard.	Yes	None	Unknown
2016	Mar	Hamilton	Occupation	No	No	Defective equipment			WI16002	Electrical worker was electrocuted from contact with energized equipment while replacing a motor.	Yes	Fatality	N/A
2016	Dec	Minto	Fire	No	No	Unknown			WF16017	Property damage from fire originating from belt room.	Yes	None	Unknown
2016	Mar	Smiths Falls	Fire	No	No	Aging			EF16009	Property damage from fire originating from loose lugs in electrical panel in electrical room.	Yes	None	N/A
2016	Mar	Peterborough	Occupation	No	No	Improper procedure			EI16028	Electrical worker was injured when resetting the overload on a 600 kV starter and made contact with an energized lug.	Unknown	Injury	N/A
2016	Nov	Guelph	Occupation	Yes	No	Human error			SI16005	Property damage from cutting into a live 13.8 kV cable in generator building.	Yes	None	N/A
2016	Mar	Mississauga	Fire	No	No	Animal			CF16001	Property damage from fire from PV generator fire due to animal contact.	Yes	None	Unknown
2016	Mar	Bath	Occupation	No	No	Miscommunication			EI16011	Worker was injured when cleaning insulators on the secondary side of a transformer for a precipitator.	No	Injury	N/A
2016	Mar	Collingwood	Occupation	No	No	Improper procedure			NI16002	Near miss from contact between ground wire and energized phase terminal lug.	No	None	N/A
2016	Feb	Hamilton	Occupation	No	No	Improper procedure			WI16003	Electrical worker was injured when working on an energized old dryer feed conductor with a cable cutter.	No	Injury	Unknown
2016	Feb	Napanee	Occupation	No	No	Improper procedure			EA16008	Worker was injured from arc flash from contact between screw and conduit.	Unknown	Injury	N/A
2016	Feb	Napanee	Occupation	No	No	Improper procedure			EA16008	Worker was injured from arc flash from contact between screw and conduit.	Unknown	Injury	N/A
2016	Feb	Garrison Petawawa	Occupation	Yes	No	Other			EA16007	Near miss from contact between excavating equipment and 600 V underground secondary line.	No	None	N/A
2016	Feb	London	Fire	No	No	Unknown			WF16001	Property damage from fire originating from kitchen potlight.	Yes	None	Unknown
2016	Feb	Ottawa	Fire	No	No	Unknown			EF16006	Property damage from fire originating from basement receptacle.	Yes	None	Unknown
2016	Jan	Napanee	Occupation	No	No	Equipment failure			EI16005	Worker was injured when replugging a monitor.	Unknown	Injury	Unknown
2016	Jan	Stratford	Fire	No	No	Poor design			SF16001	Property damage from ceiling mounted heater.	Yes	None	Unknown

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2016	Jan	London	Occupation	No	No	Equipment failure			WI16001	Electrical worker was injured from arc flash when switching on heater blowers using the disconnect switch.	Yes	Injury	N/A
2016	Jan	Stratford	Fire	No	No	Unknown			WF16002	Property damage from fire originating from bedroom receptacle.	Yes	None	Unknown
2016	Jan	North York	Occupation	No	No	Improper procedure			CA16002	Near miss from contact between saw and feeder wire.	No	None	N/A
2016	Jan	Ajax	Fire	No	No	Loose connection			EF16003	Property damage from poorly wired receptacles.	Yes	None	Unknown
2015	Dec	Ottawa	Fire	No	No	Unknown			EF15010	Property damage from fire originating from basement ceiling joist.	Yes	None	Unknown
2015	Dec	Mississauga	Occupation	Yes	Yes	Unknown			CUA15007	Near miss from contact between truck's raised box and guy line.	Yes	None	N/A
2015	Dec	Toronto	Occupation	Yes	Yes	Unknown			CUA15006	Near miss from contact between backhoe and three phases of a 4 kV underground utility line.	No	None	N/A
2015	Nov	Fort Erie	Occupation	No	No	Improper procedure			SI15007	Near miss from contact between panel and two main sections of internal phase bus.	No	None	N/A
2015	Nov	Thornhill	Occupation	Yes	Yes	Unknown			CUA15002	Worker was injured from contact with 16 kV overhead powerline while putting up lighting decorations.	Unknown	Injury	N/A
2015	Nov	Thornhill	Occupation	Yes	Yes	Human error			CUA15003	Worker was electrocuted from contact between boom and 16 kV overhead powerline.	Unknown	Fatality	N/A
2015	Nov	Sudbury	Occupation	No	No	Human error			NA15007	Worker was injured when plugging a laptop into a notebook cart receptacle.	Unknown	Injury	Unknown
2015	Nov	Toronto	Fire	No	No	Equipment failure			CF15006	Property damage from fire originating from attic as a result of modified knob and tube wiring.	Yes	None	Unknown
2015	Nov	Brantford	Occupation	No	No	Misuse			WI15006	Worker was injured when holding a co-ax cable in one hand and reaching for a coupling.	Unknown	Injury	Unknown
2015	Nov	Markham	Occupation	Yes	Yes	Miscommunication			CUA15005	Near miss from contact between backhoe and 16 kV underground utility line.	No	None	N/A
2015	Nov	Toronto	Occupation	No	No	Equipment failure			CA15005	Worker was injured from arc flash when resetting the breaker and attempting to turn on a light switch.	Yes	Injury	Unknown
2015	Oct	Ottawa	Occupation	Yes	Yes	Miscommunication			EI15007	Near miss from contact between underground secondary service conductors and directional boring.	No	None	N/A
2015	Oct	Georgetown	Non-occupation	No	No	Misuse			SI15006	Person was injured when inserting paper clip into receptacle.	No	Injury	Unknown

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2015	Oct	Mississauga	Occupation	No	No	Improper procedure			CF15005	Near miss from fire when bond conductors made contact with energized 600 A bus or termination.	No	None	N/A
2015	Oct	Sarnia	Occupation	Yes	Yes	Miscommunication			WUI15007	Near miss from contact between conductor and energized 4.8 kV line.	No	None	N/A
2015	Oct	Mississauga	Occupation	Yes	Yes	Unknown			CUA15004	Worker was injured from contact when hydrovac truck boom made contact with powerline.	Unknown	Injury	N/A
2015	Oct	Dysart and Others	Occupation	Yes	No	Poor design			EI15005	Near miss from contact between excavator and conduit.	No	None	N/A
2015	Oct	Stratford	Non-occupation	No	No	Incorrect installation			SI15008	Person was injured from contact with streetlight pole.	No	Injury	N/A
2015	Oct	St. Catharines	Occupation	Yes	Yes	Human error			WI15006	Property damage from contact between tower crane arm and powerline.	Yes	None	N/A
2015	Sep	Thames Centre	Occupation	Yes	Yes	Lack of awareness of hazard			WF15008	Worker was injured from contact between overhead 16 kV primary line and ladder.	Unknown	Injury	N/A
2015	Sep	Norwich	Non-occupation	No	No	Lack of maintenance			WI15004	Person was electrocuted by a heat lamp with a frayed cord.	Unknown	Fatality	Yes
2015	Sep	Norwich	Non-occupation	No	No	Lack of maintenance			WI15004	Person was injured by a heat lamp with a frayed cord.	Unknown	Injury	Yes
2015	Sep	Belleville	Occupation	Yes	Yes	Damaged equipment			EI15002	Worker was injured from contact between exposed termination crimps on a service conductor.	Unknown	Injury	N/A
2015	Aug	Wardsville	Fire	No	No	Improper use			WF15012	Property damage from fire originating from wall cavity.	Yes	None	Unknown
2015	Aug	Oakville	Occupation	No	No	Lack of hazard assessment			SI15005	Worker was injured from contact between saw and conduits underneath concrete floor.	Unknown	Injury	N/A
2015	Aug	Windsor	Fire	No	No	Improper use			WF15011	Property damage from fire from a spliced extension cord plugged into a 15 A outlet on a 30 A breaker.	Yes	None	Unknown
2015	Jul	Brampton	Fire	No	No	Unknown			SF15001	Property damage from fire from AC unit.	Yes	None	Unknown
2015	Jul	Toronto	Fire	No	No	Human error			CF15002	Property damage from unattended greasetop fire.	Yes	None	Unknown
2015	Jul	Malahide	Non-occupation	Yes	No	Human error			WI15002	Person was electrocuted from contact between ladder and 4.8 kV overhead powerline.	Unknown	Fatality	N/A
2015	Jul	Richmond Hill	Occupation	No	No	Unknown			CA15004	Worker was electrocuted from contact between girder crane and energized shoe.	Unknown	Fatality	Unknown
2015	Jun	Ottawa	Occupation	No	No	Equipment failure			EI15003	Worker was injured from arc flash when using a multimeter.	Unknown	Injury	Unknown

Year	Month	Location	Occupation/ Non-occupation	Powerline	Utility infrastructure	Cause of incident			ESA #	Incident summary	Property damage	Electrical injuries/ fatalities to person	Consumer electrical product was unapproved
2015	Jun	London	Fire	No	No	Overloading			WF15008	Property damage from fire originating from overloaded bedroom receptacle.	Yes	None	Unknown
2015	Jun	Meaford	Fire	No	No	Equipment failure			WF15009	Property damage from fire from loose connections on meter base.	Yes	None	No
2015	Jun	Hamilton	Occupation	Yes	No	Lack of awareness of hazard			WUI15005	Near miss from contact between zoom boom and HV lines.	No	None	N/A
2015	Jun	Tecumseh	Occupation	No	No	Unknown			WI15001	Worker was electrocuted when working on heating/cooling unit on rooftop.	Unknown	Fatality	N/A
2015	Jun	Guelph	Fire	No	No	Unknown			WF15014	Property damage from fire from bedroom receptacle.	Yes	None	Unknown
2015	Jun	Toronto	Occupation	Yes	Yes	Unknown			CA15003	Worker was injured from contact between conductive pole and 8 kV overhead powerlines.	Unknown	Injury	N/A
2015	Jun	Collingwood	Fire	No	Yes	Equipment failure			CF15001	Property damage from fire originating from below the meter, meter base, and conductors encased in the meter base.	Yes	None	No
2015	May	Milton	Occupation	Yes	Yes	Unknown			WUI15004	Near miss from contact between excavator and 16 kV overhead powerlines.	No	None	N/A
2015	May	Thunder Bay	Occupation	No	No	Lack of awareness of hazard			NA15005	Electrical worker was injured when changing a 1,000 W metal halide lamp in an energized circuit.	Unknown	Injury	Unknown
2015	May	Toronto	Occupation	No	No	Unknown			CA15002	Electrical worker was injured while working on a 34.7 V lighting circuit.	Unknown	Injury	Unknown
2015	May	Thunder Bay	Fire	No	No	Improper Installation			NF15002	Property damage from fire originating from basement luminaire that had non-compliant wiring.	Yes	None	Unknown
2015	May	Ottawa	Occupation	Yes	Yes	Aging			EUI15011	Worker was injured from contact with bare service feeder while on the rooftop.	Unknown	Injury	N/A
2015	May	Windsor	Fire	No	No	Improper use			WF15015	Property damage from fire originating from several power bars and battery chargers in front of a computer.	Yes	None	Unknown
2015	Apr	London	Fire	No	No	Misuse			WF15007	Property damage from fire originating from overloaded power bar in bedroom.	Yes	None	Unknown
2015	Apr	Hamilton	Non-occupation	No	No	Misadventure			WUI15003	Person was injured from contact with 13.8 kV energized line while stealing copper.	Unknown	Injury	N/A
2015	Apr	Toronto	Non-occupation	No	No	Equipment failure			CA15001	Person died when apartment sauna did not wind down its temperature.	Unknown	Fatality	Unknown

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2015	Apr	Wallaceburg	Fire	No	No	Improper installation			WF15006	Worker was injured by fire from an uninspected power generation system with solar panels and small wind turbine; fire was suspected to be initiated by battery charger.	Yes	Injury	Yes
2015	Apr	Kingston	Fire	No	No	Damaged equipment			EF15003	Property damage from fuses feeding the panel that were blown; cause may have been from animal contact.	Yes	None	N/A
2015	Mar	London	Occupation	No	No	Equipment failure			SI15003	Worker was injured from arcing when turning off light switch; operating arm of switch broke and contacted the mounting bracket, creating a short.	Unknown	Injury	N/A
2015	Mar	Kitchener	Occupation	No	No	Improper procedure			SI15004	Worker was injured from arc flash when removing a fuse in an energized disconnect switch.	Unknown	Injury	N/A
2015	Mar	Hamilton	Fire	No	No	Improper use			WF15004	Property damage from fire from non-compliant wiring of multiple heaters using a cheater junction box.	Yes	None	N/A
2015	Mar	Simcoe	Occupation	No	No	Improper procedure			SI15002	Near miss from arc flash when worker was installing a small board and drilled through the distribution panel on the other side of the wall.	No	None	N/A
2015	Mar	Prince Edward County	Occupation	No	No	Incorrect Installation			EI15001	Electrical worker was injured from contact with exposed wiring in a junction box with missing cover.	Unknown	Injury	N/A
2015	Mar	Thunder Bay	Occupation	No	No	Incorrect installation			NA15003	Electrical worker was injured from arc flash when energizing a panel; live wire and ground wire were connected together.	Yes	Injury	N/A
2015	Mar	Timmins	Occupation	No	No	Unknown			NA15001	Worker was injured from arc event when removing a tangled cord from an electric bed.	Yes	Injury	Unknown
2015	Mar	Sault Ste. Marie	Occupation	No	No	Improper installation			NA15004	Electrical worker injured from arc flash while energizing a panel; one of the exterior cover fasteners had shorted out with one of the cables in the panel.	Yes	Injury	N/A
2015	Feb	Oakville	Fire	No	No	System failure			WF15005	Property damage from explosion where concrete duct bank shifted with ground settlement.	Yes	None	N/A
2015	Feb	Sault Ste. Marie	Fire	No	No	Equipment failure			NF15001	Property damage from fire originating from a 1 kW baseboard heater.	Yes	None	N/A
2015	Feb	Ottawa	Fire	No	No	Improper use			EF15002	Property damage from fire originating from ceiling trusses; there were 1,500 W heaters located all over the house that had overloaded the circuit.	Yes	None	N/A

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2015	Jan	Ottawa	Occupation	No	No	Unknown			EA15002	Electrical worker was injured from contact with transformer.	Unknown	Injury	N/A
2015	Jan	Thorold	Occupation	No	No	Improper installation			WU115002	Worker was injured when working in a building; a phase conductor was found to be wired to the neutral, energizing all grounded metal components.	Unknown	Injury	N/A
2015	Jan	Chatham	Occupation	Yes	Yes	Improper procedure			WU115001	Near miss from contact between excavator and overhead powerline.	No	None	N/A
2015	Jan	Hamilton	Occupation	No	No	Improper procedure			SI15001	Electrical worker was injured from arc event when performing maintenance on energized generator splitter.	No	Injury	N/A
2015	Jan	Toronto	Occupation	No	No	N/A			CA15008	Electrical worker was injured from arc flash when working within energized switchboard.	Unknown	Injury	N/A
2014	May	Guelph	Occupation	No	No	Improper procedure			WI16006	Electrical worker was injured from arc flash when installing metering equipment in an energized distribution panel.	Yes	Injury	Unknown
2014	Dec	London	Fire	No	No	Improper use			SF14003	Property damage from fire originating from light tube.	Yes	None	Unknown
2014	Dec	Falconbridge	Fire	No	No	Human error			NF14007	Property damage from fire originating from space heater being placed too closely to combustibles.	Yes	None	Yes
2014	Dec	London	N/A	Yes	Yes	Improper installation			WA14018	Property damage from fire when ice melting heat trace cable failed on the roof and caught fire.	Yes	None	N/A
2014	Dec	Toronto	Occupation	No	No	Improper procedure			CA14005	Electrical worker was injured from arc flash when working on energized switchboard where bond wire made contact with phase conductor.	Unknown	Injury	N/A
2014	Dec	Niagara-on-the-Lake	Occupation	Yes	Yes	Improper procedure			WUA14018	Near miss from contact between severed tree branch and 16 kV single phase line.	No	None	N/A
2014	Dec	Niagara-on-the-Lake	Occupation	Yes	Yes	Improper procedure			WUA14017	Near miss from contact between severed tree branch and 2.4 kV single line.	No	None	N/A
2014	Dec	Wyoming	Fire	No	Yes	Unknown			WUA13009	Property damage from fire originating from meter.	Yes	None	No
2014	Nov	Atikokan	Occupation	No	No	Unknown			NA14004	Property damage from arc flash when electrical worker was closing a breaker.	Yes	None	N/A
2014	Nov	Milton	Occupation	No	No	Improper procedure			WA14017	Worker was injured when driving rebar into concrete encased duct, shorting out the duct.	Yes	Injury	N/A
2014	Oct	Kingston	Fire	No	No	Improper installation			EF14022	Property damage from fire originating from damaged conductors in ceiling space.	Yes	None	Unknown



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2014	Oct	Toronto	Occupation	No	No	Unknown			CUA14008	Property damage from arc flash from working in a vault of the secondary side of a transformer.	Yes	None	N/A
2014	Oct	Brampton	Occupation	Yes	Yes	Improper procedure			SA14002	Near miss from contact between auger and overhead 44 kV powerline.	No	None	N/A
2014	Oct	Toronto	Occupation	No	No	Improper procedure			CA14004	Worker was injured from arc flash when cutting wires in a disconnect switch box.	No	Injury	N/A
2014	Oct	Acton	Occupation	No	No	Improper procedure			WA14015	Electrical worker was injured from arc flash when removing a fuse in an energized fused disconnect switch.	Unknown	Injury	N/A
2014	Oct	London	Non-occupation	No	Yes	Misadventure			WUA14014	Person was electrocuted in a transformer station; suspected copper theft.	Yes	Fatality	N/A
2014	Oct	St. Catharines	Occupation	Yes	Yes	Improper procedure			WUA14015	Near miss from cutting into the wrong energized line; fuse was tripped.	No	None	N/A
2014	Oct	Hamilton	Occupation	No	No	Unknown			WA14013	Electrical worker was injured from arc flash when troubleshooting an MCC.	Unknown	Injury	N/A
2014	Oct	Etobicoke	Non-occupation	Yes	No	Misadventure			CA14009	Person was injured when making contact with another person who was electrocuted.	Unknown	Injury	N/A
2014	Oct	Etobicoke	Non-occupation	Yes	No	Misadventure			CA14009	Person was electrocuted from contact with an overhead powerline.	Unknown	Fatality	N/A
2014	Oct	Oshawa	Fire	No	No	Unknown			SF14002	Property damage from fire originating from bedroom receptacle.	Yes	None	Unknown
2014	Oct	Mississauga	Occupation	No	No	Human error			CA14003	Property damage from contact between fish tape and energized bus.	Yes	None	N/A
2014	Sep	Petrolia	Fire	Yes	Yes	Improper installation			WUA14012	Property damage from fire when a metallic rigid conduit became a conductor.	Yes	None	N/A
2014	Sep	West Lincoln	N/A	No	No	Loose connection			WA14016	Property damage from arcing when lug feeding a 100 A disconnect switch fell off the bus bar and shorted to an adjacent phase.	Yes	None	N/A
2014	Aug	Toronto	Occupation	Yes	Yes	Improper procedure			CUA14006	Electrical worker was injured from contact with energized equipment when performing maintenance work on 14 kV equipment in substation.	Unknown	Injury	N/A
2014	Aug	Toronto	Occupation	No	No	Improper installation			CA14001	Electrical worker was injured when plugging into dishwasher; neutral and hot wires were reversed.	Unknown	Injury	Unknown
2014	Aug	Huntsville	Non-occupation	No	Unknown	Damaged equipment			NA14003	Person was injured from contact between broken charger and receptacle in public dock.	Unknown	Injury	Yes

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2014	Aug	Cherry Valley	Occupation	No	No	Improper installation			EA14003	Worker was injured from contact between copper waterline and frame of mobile structure.	Unknown	Injury	N/A
2014	Aug	Toronto	Non-occupation	No	No	Misadventure			CA14002	Person was injured from contact with exposed energized relays in elevator machine room.	Unknown	Injury	N/A
2014	Aug	Thunder Bay	Occupation	Yes	Yes	Improper procedure			NA14002	Property damage from contact between 4 kV duct bank and backhoe.	Yes	None	N/A
2014	Aug	London	Fire	Yes	Yes	Equipment failure			WUA14011	Property damage from fire when underground cable faulted.	Yes	None	N/A
2014	Jul	Stratford	Occupation	No	No	Unknown			WF14011	Property damage from fire when removing plaster on the backside of electrical service panel.	Yes	None	N/A
2014	Jul	Thorold	Occupation	Yes	Yes	Miscommunication			WUA14008	Near miss from contact between auger and underground 13.8 kV powerline.	No	None	N/A
2014	Jul	Windsor	Fire	No	No	Unknown			WF14010	Property damage from fire from electric stove.	Yes	None	Unknown
2014	Jul	Ottawa	Occupation	No	No	Incorrect installation			EA14001	Worker was injured from arc flash when installing duct work insulation and was pushing protruding wires into junction box.	Yes	Injury	N/A
2014	Jul	Chatham	Occupation	Yes	Yes	Unknown			WUA14009	Near miss from contact between helicopter crop duster and overhead powerline.	No	None	N/A
2014	Jul	Port Stanley	Occupation	No	No	Incorrect procedure			WA14019	Electrical worker was injured from arc flash when wire from neutral conductor in control panel came into contact with energized 600 V fuse.	Unknown	Injury	N/A
2014	Jun	Belleville	Occupation	Yes	Yes	Unknown			EUA14001	Worker was injured from arc flash from contact between overhead powerline and flashing.	Unknown	Injury	N/A
2014	Jun	Kitchener	Fire	No	No	Improper installation			WF14014	Property damage from fire originating from a built-in hair dryer.	Yes	None	Unknown
2014	Jun	Cambridge	Occupation	Yes	Yes	Human error			WA14009	Property damage from contact between boom truck and overhead powerlines.	Yes	None	N/A
2014	Jun	Cambridge	Occupation	Yes	Yes	Human error			WA14009	Property damage from contact between boom truck and overhead powerlines.	Yes	None	N/A
2014	Jun	London	Non-occupation	No	No	Unknown			WA14011	Person was injured when resetting a 15 A single pole breaker.	Unknown	Injury	N/A
2014	Jun	Thunder Bay	Occupation	Yes	Unknown	Miscommunication			NA14001	Property damage from contact between excavator and exposed cables.	Yes	None	N/A

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2014	Jun	Thunder Bay	Fire	No	No	Equipment failure			NF14003	Property damage from fire originating from lamp.	Yes	None	Unknown
2014	Jun	London	Fire	No	No	Unknown			WF14009	Property damage from fire originating from toaster.	Yes	None	Unknown
2014	Jun	Ottawa	Fire	No	No	Unknown			EF14013	Property damage from fire originating from keyless light in furnace room.	Yes	None	Unknown
2014	May	Cambridge	Occupation	No	No	Misuse			WA14010	Near miss from worker incorrectly connecting generator to a residential complex for temporary power; transformer was rated 347/600 V on a 120/208 V system on site.	No	None	N/A
2014	May	Windsor	Non-occupation	No	No	Unknown			WA14008	Person was injured when removing winter caps to open in-ground pool.	No	Injury	N/A
2014	May	Gravenhurst	Fire	No	No	Improper installation			NF14006	Property damage from fire originating from heater that was poorly wired in a non-compliant manner; paper clip was used to complete a circuit.	Yes	None	Yes
2014	May	Middletown Township	Non-occupation	Yes	Yes	Unknown			WUA14004	Person was injured from contact between falling tree branch and 16 kV powerline.	Unknown	Injury	N/A
2014	Apr	Niagara Falls	Fire	No	No	Unknown			WF14003	Property damage from fire originating from light fixture.	Yes	None	Unknown
2014	Apr	Greater Napanee	Fire	No	No	Lack of maintenance			EF14011	Property damage from fire originating from exhaust fan that had not been cleaned and was covered in dust and dirt.	Yes	None	Unknown
2014	Apr	Ottawa	Fire	No	No	Equipment failure			EF14012	Property damage from fire originating from force flow heater.	Yes	None	Unknown
2014	Apr	Niagara-on-the-Lake	Non-occupation	No	No	Improper installation			WA14007	Person was electrocuted from an incorrectly installed electrical heated floor.	Unknown	Fatality	Yes
2014	Apr	Guelph	Fire	No	No	Unknown			WF14005	Property damage from fire from energized potlight that overheated wood.	Yes	None	Unknown
2014	Apr	Ottawa	Fire	No	No	Unknown			EF14009	Property damage from fire originating from ceiling space where #6 AWG conductor cable feeding a furnace was not properly supported.	Yes	None	Unknown
2014	Mar	Burlington	Occupation	Yes	Yes	Unknown			WUA14005	Worker was injured from contact between ladder and 2,400 V overhead powerline.	Yes	None	N/A
2014	Feb	London	Fire	No	Yes	Unknown			WUA14002	Property damage from explosion from faulting utility transformer.	Yes	None	N/A
2014	Feb	Cambridge	Fire	No	No	Over fusing			WF14006	Property damage from fire when a 30 A fuse blew from a failing heater.	Yes	None	Unknown

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2014	Feb	St. Catharines	Occupation	No	No	Unknown			WA14006	Worker was injured when installing a new gas water heater.	No	Injury	Unknown
2014	Feb	Ottawa	Fire	Yes	Unknown	Unknown			EF14004	Property damage from fire when deteriorated exterior service melted at ground level, allowing water into conduit; conductors faulted phase to phase, or phase to ground.	Yes	None	N/A
2014	Feb	Ottawa	Fire	No	No	Improper use			EF14005	Property damage from fire originating from extension cord used to feed portable heater.	Yes	None	Unknown
2014	Feb	Toronto	Occupation	Yes	Yes	Improper procedure			CUA14002	Electrical worker was injured when working on an energized switch.	Unknown	Injury	N/A
2014	Feb	Toronto	Occupation	Yes	Yes	Improper procedure			CUA14002	Electrical worker was injured when working on an energized switch.	Unknown	Injury	N/A
2014	Feb	St. Catharines	Occupation	No	Unknown	Improper procedure			WA14004	Near miss when electrical worker made contact with energized equipment with screwdriver.	Unknown	None	N/A
2014	Feb	Stirling	Fire	No	No	Unknown			EF14003	Property damage from fire originating from a light fixture.	Yes	None	Unknown
2014	Feb	Cobourg	Fire	No	No	Loose connection			SF14001	Property damage from fire originating from outer sock of tandem lamp holder; a loose connection resulted in excessive heating.	Yes	None	Unknown
2014	Feb	Adelaide Metcalfe	Occupation	Yes	Yes	Improper procedure			WUA14001	Near miss from contact between auger and underground 4.8 kV primary cable.	No	None	N/A
2014	Feb	Simcoe	Occupation	No	No	Improper procedure			WA14003	Electrical contractor was injured when replacing defective limit switch within energized panel.	No	Injury	N/A
2014	Feb	Thunder Bay	Fire	No	No	Improper installation			NF14002	Property damage from fire originating from electrical panel; screw for bonding had penetrated red wire.	Yes	None	N/A
2014	Jan	Toronto	Occupation	Yes	Yes	Unknown			CUA14001	Worker was injured from contact between ladder and overhead powerline.	Unknown	Injury	N/A
2014	Jan	Windsor	Occupation	No	No	Improper installation			WA14002	Near miss from arc flash when secondary cables faulted due to damage from a guy anchor which had been installed into a secondary duct for dead end guy support.	No	None	Unknown
2014	Jan	Thunder Bay	Fire	No	No	Unknown			NF14001	Property damage from fire originating from bathroom fan cable; evidence of rodent contact.	Yes	None	Unknown
2014	Jan	St. Marys	N/A	No	No	Lack of maintenance			WA14001	Property damage from arc flash when a combination starter exploded within a switch gear.	Yes	None	N/A

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2014	Jan	Ottawa	Fire	No	No	Incorrect installation			EF14001	Property damage from fire originating from wiring near a ceiling octagon box; wiring was fed through the box without proper connector leading to a compressed wire.	Yes	None	N/A
2014	Jan	Thorold	Fire	No	No	Lack of maintenance			WF14001	Property damage from fire when excessive moisture entered control panel of duct heating.	Yes	None	N/A
2013	Dec	Brock Township	Occupation	No	Unknown	Misuse			EA13012	Person was electrocuted when contacting an energized 27.6 kV transformer; building safety systems had been bypassed.	Unknown	Fatality	N/A
2013	Dec	Woodstock	Non-occupation	No	No	Improper installation			WA13022	Person was injured from contact with building downspout; an improperly installed sign that had no bonding was found.	Unknown	Injury	Unknown
2013	Dec	Ottawa	Occupation	No	No	Equipment failure			EA13013	Worker was injured when a tube fell out of a light fixture and made contact with the skate sharpening machine that was being operated on.	Yes	Injury	Unknown
2013	Nov	Oshawa	Occupation	No	No	Improper procedure			EA13010	Worker was injured when attempting to work on energized equipment within a glue machine.	Unknown	Injury	Yes
2013	Nov	Cornwall	Occupation	Yes	Yes	Lack of hazard assessment			EUA13005	Near miss from contact between tractor trailer catwalk and overhead lines.	Yes	None	N/A
2013	Nov	Niagara-on-the-Lake	Occupation	No	No	Unknown			WA13020	Electrical worker was injured when resetting a tripped 400 A breaker on temporary service.	Unknown	Injury	N/A
2013	Nov	Thorold	Occupation	No	No	Unknown			WA13019	Electrical worker was injured when touching an EMT conduit running as part of a temporary feed between two buildings; junction box was not properly bonded.	Unknown	Injury	N/A
2013	Oct	Forest	N/A	Yes	Yes	Aging			WUA13008	Property damage when a porcelain insulator on a 27.6 kV broke, causing line to fall on 2.4 kV line below and creating a surge to the feeder.	Yes	None	N/A
2013	Oct	Toronto	Occupation	No	No	Improper procedure			CA13007	Electrical worker was injured from arc flash when removing cable from energized 416 V disconnect switch; bonding conductor in cable made contact with energized lug.	Yes	Injury	N/A
2013	Oct	Tavistock	Non-occupation	No	No	Human error			WA13018	Near miss from arcing when resident's bed made contact and dislodged mounted wire mould box off the wall.	Yes	None	N/A

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2013	Oct	Sudbury	Fire	No	No	Misuse			NF14004	Property damage from fire when combustibles were placed on the stove top plates.	Yes	None	N/A
2013	Oct	Mississauga	Occupation	No	No	Improper procedure			CA13006	Electrical worker was electrocuted when cutting into energized 347 V switch.	Yes	Fatality	N/A
2013	Oct	Ottawa	Occupation	No	No	Faulty equipment			EA13011	Worker was injured originating from mixer that had a broken ground pin and a pinched wire.	Yes	Injury	Yes
2013	Oct	Sault Ste. Marie	Fire	No	No	Equipment failure			NF13004	Property damage from fire originating from shredder.	Yes	None	N/A
2013	Oct	Markham	Fire	No	No	Improper installation			CF13006	Property damage from fire originating from canopy where neon lights were replaced by LED; two neon transformers were missed and left energized.	Yes	None	Unknown
2013	Oct	Thunder Bay	Occupation	Yes	No	Lack of hazard assessment			NA13006	Near miss from contact between excavator and utility cable.	No	None	N/A
2013	Oct	London	Fire	No	No	Human error			WF13009	Property damage from fire originating from stove.	Yes	None	Unknown
2013	Oct	Port Perry	Occupation	No	Unknown	Improper procedure			EUA13004	Person was electrocuted when removing padlock off a pad mount transformer and contacted energized equipment.	No	Fatality	N/A
2013	Oct	Southwold	Occupation	Yes	No	Human error			WA13017	Near miss when underground HV was cut.	No	None	N/A
2013	Sep	Toronto	Occupation	No	No	Human error			CA13005	Electrical worker was injured from an energized scissor lift with a punctured extension cord.	Yes	Injury	N/A
2013	Sep	Toronto	Occupation	No	No	Human error			CA13005	Electrical worker was injured from an energized scissor lift with a punctured extension cord.	Yes	Injury	N/A
2013	Sep	Mississauga	Fire	No	No	Unknown			CF13004	Property damage from fire originating from ceiling light fixture or associated wiring.	Yes	None	Unknown
2013	Aug	Kingsville	Occupation	Yes	Yes	Unknown			WUA13007	Near miss from contact between excavator and 16 kV underground primary cable.	No	None	N/A
2013	Sep	North Dumfries	Occupation	Yes	Yes	Lack of hazard assessment			WUA13006	Near miss from contact between dump truck and overhead powerlines.	No	None	N/A
2013	Aug	Stoney Creek	Occupation	No	No	Improper procedure			WA13015	Electrical worker was electrocuted after repairing an overhead crane.	Unknown	Fatality	N/A
2013	Aug	Lambton Shores	Occupation	Yes	Yes	Unknown			WUA13004	Near miss from contact between excavator and primary submarine cable.	No	None	N/A

Year	Month	Location	Occupation/ Non-occupation	Powerline	Utility infrastructure	Cause of incident			ESA #	Incident summary	Property damage	Electrical injuries/ fatalities to person	Consumer electrical product was unapproved
2013	Aug	Markham	Occupation	Yes	Yes	Unknown			SUA13005	Near miss from contact between excavator and overhead secondary powerline.	No	None	N/A
2013	Aug	Sugar Bush Island	Non-occupation	Yes	Unknown	Unknown			EUA13003	Person was electrocuted when weed whacker made contact with powerline.	Unknown	Fatality	N/A
2013	Aug	Watford	Occupation	Yes	No	Lack of hazard assessment			WA13012	Worker was electrocuted when metal supports of tent made contact with overhead powerline.	Unknown	Fatality	N/A
2013	Aug	Watford	Occupation	Yes	No	Lack of hazard assessment			WA13012	Worker was injured when metal supports of tent made contact with overhead powerline.	Unknown	Injury	N/A
2013	Aug	Watford	Occupation	Yes	No	Lack of hazard assessment			WA13012	Worker was injured when metal supports of tent made contact with overhead powerline.	Unknown	Injury	N/A
2013	Aug	Watford	Occupation	Yes	No	Lack of hazard assessment			WA13012	Worker was injured when metal supports of tent made contact with overhead powerline.	Unknown	Injury	N/A
2013	Aug	Watford	Occupation	Yes	No	Lack of hazard assessment			WA13012	Worker was injured when metal supports of tent made contact with overhead powerline.	Unknown	Injury	N/A
2013	Jul	Minto	Non-occupation	Yes	Yes	Human error			WUA13010	Near miss from contact between plane and primary overhead powerline.	Yes	None	N/A
2013	Jul	Thorndale	Occupation	No	No	Improper procedure			WA13013	Worker was electrocuted when working on pipe extruder when contact was made with energized equipment.	Unknown	Fatality	N/A
2013	Jul	Mississauga	Fire	No	No	Loose connection			CF13005	Property damage from fire when a 3,000 A bus duct had failed; loose terminations were found.	Yes	None	N/A
2013	Jul	Sault Ste. Marie	Fire	No	No	Unknown			NF13002	Property damage from fire when copper conductor failed at point of entry into receptacle; nick in wire found.	Yes	None	N/A
2013	Jul	Central Elgin	Occupation	Yes	Yes	Human error			WA13016	Near miss from contact between helicopter and 4.8 kV distribution line.	No	None	N/A
2013	Jun	Whitby	Fire	No	No	Unknown			SA13004	Property damage from contact between screwdriver and line side of breaker in MCC unit.	Yes	None	N/A
2013	Jun	Windsor	Occupation	Yes	Yes	Unknown			WUA13005	Worker was injured from arc flash when chainsaw made contact with high voltage overhead powerline during tree trimming.	Unknown	Injury	N/A
2013	Jun	Goderich	Non-occupation	No	No	Incorrect installation			WA13006	Person was injured when leaning on an energized metal fire extinguisher; one of the screws used for fastening it had pierced a PVC conductor which was feeding 347 V to the exit lighting.	Unknown	Injury	N/A

Year	Month	Location	Occupation/ Non-occupation	Powerline	Utility infrastructure	Cause of incident			ESA #	Incident summary	Property damage	Electrical injuries/ fatalities to person	Consumer electrical product was unapproved
2013	Jun	New Hamburg	Non-occupation	Yes	Yes	Misadventure			WUA13004	Person was injured from contact with 27.6 kV conductors while climbing a utility pole.	Unknown	Injury	N/A
2013	Jun	Ilderton	Fire	No	No	Aging			WF13002	Property damage from fire when HVAC ventilation fire starter coil failed.	Yes	None	N/A
2013	Jun	Windsor	Occupation	Yes	Yes	Unknown			WUA13002	Person was injured from arc flash when screwdriver made contact with a ground wire.	Unknown	Injury	N/A
2013	Jun	Toronto	Occupation	No	No	Improper procedure			CUA13005	Near miss from contact between backhoe and 13.8 kV duct bank.	No	None	N/A
2013	Jun	Ancaster	Non-occupation	No	Yes	Misadventure			WUA13003	Person was injured from contact with 115 kV tower; person was climbing tower to take pictures.	No	Injury	N/A
2013	Jun	London	Fire	No	No	Animal			WF13004	Property damage from fire originating from a cable feeding a light fixture with evidence of rodent contact.	Yes	None	Unknown
2013	May	Scarborough	Occupation	No	No	Lack of training			CA13003	Worker was electrocuted while working on a 347 V switch and made contact with energized equipment.	Unknown	Fatality	N/A
2013	May	Ingersoll	Fire	No	No	Unknown			WF13006	Property damage from fire from a transformer with a history of failing.	Yes	None	N/A
2013	May	Windsor	Occupation	No	No	Unknown			WA13011	Worker was injured from arc flash while cleaning electrical equipment that was energized.	Unknown	Injury	N/A
2013	May	Sarnia	Occupation	No	Yes	Human error			WUA13001	Near miss from contact between a multimeter and primary energized terminal.	No	None	N/A
2013	May	Mississauga	Occupation	No	No	Unknown			CA13004	Near miss from contact between a multimeter and energized terminals.	No	None	N/A
2013	May	Guelph	Occupation	No	No	Poor design			WA13004	Electrical worker was injured from contact with hoist cover; hoist was plugged in incorrectly.	Unknown	Injury	N/A
2013	May	Hamilton	Occupation	No	No	Improper procedure			WA13010	Electrical worker was injured from arc flash when attempting to cut the DC output leads of the charger.	Unknown	Injury	N/A
2013	May	Dryden	Occupation	Yes	Yes	Human error			NA13005	Near miss from contact between excavator boom and 14 kV overhead powerline.	Yes	None	N/A
2013	May	Neebing	Occupation	Yes	Yes	Lack of hazard assessment			NA13002	Near miss from contact between aerial work platform and overhead 25 kV powerline.	No	None	N/A
2013	May	Oakville	Fire	No	No	System failure			SF13002	Property damage from fire originating from distribution panel board.	Yes	None	Unknown



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2013	May	Neebing	Occupation	No	Unknown	Unknown			NA13001	Worker was injured when leaning on building; cover fell off a service connection resulting in a live phase making contact with the steel building.	Unknown	Injury	N/A
2013	Apr	Saugeen Shores	Occupation	Yes	Yes	Human error			WUA13000	Near miss from contact between tree trimming and primary conductor.	No	None	N/A
2013	Apr	Bracebridge	Occupation	No	No	Human error			NA13001	Near miss when wrong feeding wire was cut.	No	None	N/A
2013	Apr	Ancaster	Fire	No	No	Unknown			WF13003	Property damage when two transformers overheated and caught on fire.	Yes	None	N/A
2013	Apr	St. Catharines	Occupation	Yes	No	Lack of hazard assessment			WA13007	Near miss from contact between excavator and underground secondary bus duct.	No	None	N/A
2013	Apr	Ottawa	Fire	No	Yes	Unknown			EF13006	Property damage from fire originating from line side of disconnect switch feeding detached home.	Yes	None	N/A
2013	Apr	Greater Napanee	Fire	No	No	Over fusing			EF13007	Property damage from fire originating from power bar cord; branch circuit feeding this outlet this cord was plugged into was overfused at 30 A instead of 15 A.	Yes	None	Unknown
2013	Apr	Brampton	Occupation	No	No	Unknown			SA13002	Person was injured from contact with cover plate of night light; may have been a pinched wire.	No	Injury	Unknown
2013	Apr	Brampton	Non-occupation	No	No	Unknown			SA13002	Person was injured from contact with cover plate of night light; may have been a pinched wire.	No	Injury	N/A
2013	Apr	Teeswater	Occupation	No	No	Human error			WA13008	Near miss from arc flash when fault occurred in switchgear after a set of grounds were left on.	No	None	N/A
2013	Apr	Southgate Township	Occupation	No	No	Unknown			WA13003	Worker was injured when coming into contact with a welding control box.	Unknown	Injury	N/A
2013	Mar	Thunder Bay	Non-occupation	No	No	Lack of awareness of hazard			NA13004	Person was injured when coming into contact with exposed energized terminals of a dryer whose back cover had fallen off.	Unknown	Injury	N/A
2013	Mar	Mississauga	Fire	No	No	Unknown			CF13002	Property damage from fire originating from subpanel in basement.	Yes	None	N/A
2013	Mar	Sturgeon Falls	Fire	No	No	Improper installation			NF13002	Property damage from fire originating from bathroom receptacle; loose connection in a GFCI receptacle was found.	Yes	None	Unknown
2013	Mar	Kingston	Occupation	No	No	Improper procedure			EA13005	Worker was injured when performing a Megger test at a 3,000 V railway switch.	Unknown	Injury	N/A

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2013	Mar	Dover	Occupation	No	No	Unknown			WA13003	Near miss from explosion in a 230 kV substation; attributed to a phase to ground short in switchgear.	No	None	N/A
2013	Mar	Cobourg	Occupation	No	No	Equipment failure			EA13003	Near miss when a fused disconnect switch failed, blowing all fuses.	No	None	N/A
2013	Mar	Toronto	Fire	No	Yes	Unknown			CUA13003	Near miss from fire in underground cable chamber.	No	None	N/A
2013	Mar	Orangeville	Occupation	Yes	Yes	Lack of hazard assessment			CUA13004	Near miss from contact between dump truck and overhead powerlines.	No	None	N/A
2013	Mar	Toronto	Fire	No	Yes	Unknown			CUA13002	Near miss from fire in underground cable chamber.	No	None	N/A
2013	Feb	Toronto	Fire	No	No	Unknown			SF13001	Property damage from fire originating from joists under the first floor.	Yes	None	Unknown
2013	Feb	Ottawa	Occupation	No	No	Improper procedure			EA13004	Worker was electrocuted when making contact with leads of capacitor while performing the work.	Unknown	Fatality	N/A
2013	Feb	Brampton	Occupation	No	No	Improper installation			CA13002	Worker was injured when unintentionally making contact with energized conductors while installing overhead door operator.	Unknown	Injury	N/A
2013	Feb	Brockville	Fire	No	No	Unknown			EF13009	Property damage from fire originating from solar panel inverter housing.	Yes	None	Unknown
2013	Feb	Rockland	Fire	No	No	Incorrect installation			EF13002	Property damage from fire when the neutral and voltage lines were reversed in the solar panel control system, creating energized system.	Yes	None	N/A
2013	Feb	Toronto	Occupation	Yes	Yes	Lack of hazard assessment			CUA13001	Near miss from contact between crane and 27 kV overhead powerline.	Yes	None	N/A
2013	Feb	Milton	Occupation	No	No	Equipment failure			WA13000	Near miss when a short circuit occurred on the line side of the switchgear in a main breaker.	No	None	N/A
2013	Feb	Woodstock	Occupation	No	No	Human error			WA13001	Electrical worker was injured from arc flash when concentric neutrals made contact with energized main bus at back of switchgear.	Unknown	Injury	N/A
2013	Feb	Ottawa	N/A	No	No	Equipment failure			EA13006	Near miss from general switch that failed as a result of in-rush current.	No	None	N/A
2013	Jan	Thunder Bay	Fire	No	No	Equipment failure			NF13001	Property damage from fire when DA double fused pullout failed.	Yes	None	N/A
2013	Jan	Toronto	Fire	No	No	Water leak			CF13003	Property damage from fire when a flood made its way into the basement electrical room disconnect switch.	Yes	None	N/A

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2013	Jan	Mississauga	Fire	No	No	Unknown			CF13001	Property damage from fire originating from disconnect switch in electrical room.	Yes	None	N/A
2013	Jan	Mississauga	Occupation	No	No	Equipment failure			SA13001	Worker was injured when inflator shorted and burned.	Yes	Injury	Yes
2013	Jan	Williamsburg	Fire	No	No	Unknown			EF13001	Property damage from fire originating from back of house.	Yes	None	Unknown
2013	Jan	Kingston	Occupation	No	No	Improper procedure			EA13001	Near miss from contact between RGC saw and underground feeders; worker was cutting concrete.	No	None	N/A
2012	Dec	North York	Occupation	No	No	Improper use			CA12015	Worker was electrocuted when operating a drive saw that had a replacement cord cap on its cord which had a ground pin removed.	Unknown	Fatality	Yes
2012	Dec	Belleville	Fire	No	No	Human error			EF12031	Property damage from fire originating from electric wall heater and debris falling into it.	Yes	None	Unknown
2012	Dec	Ottawa	Occupation	Yes	Yes	Lack of awareness of hazard			EUA12005	Worker was injured from contact between excavator and an underground 13.8 kV line.	Unknown	Injury	N/A
2012	Dec	Toronto	Occupation	No	No	Human error			CA12012	Worker was injured when relocating disconnect switches for charging stations in a plant; main disconnect switch was energized.	Unknown	Injury	N/A
2012	Dec	Petrolia	Non-occupation	No	No	Equipment failure			WA12019	Person was injured from arc flash when testing a receptacle with a multimeter; red lead was placed into the hot side.	Unknown	Injury	N/A
2012	Dec	Belleville	Fire	No	No	Unknown			EF12028	Property damage from fire from conductor failure.	Yes	None	N/A
2012	Nov	Cookstown	Occupation	No	Yes	Poor design			CUA12009	Near miss when contact was made between fish tape and energized bus.	No	None	N/A
2012	Nov	Osgoode	Fire	Yes	No	Act of God			EF12026	Property damage from fire from duress on the conductors at the bottom of the service entrance conduit.	Yes	None	N/A
2012	Nov	Toronto	Occupation	Yes	Yes	Lack of hazard assessment			CUA12008	Near miss from contact between crane and overhead high voltage powerline.	No	None	N/A
2012	Nov	Niagara Falls	Fire	No	No	Equipment failure			WF12007	Property damage from fire originating from failed splitter block behind a TV.	Yes	None	Unknown
2012	Nov	Toronto	Occupation	Yes	Yes	Miscommunication			CUA12007	Near miss from contact between excavator and underground 13.8 kV duct bank.	No	None	N/A
2012	Nov	Welland	Occupation	No	No	Human error			WA12019	Near miss when solar panel controls failed from an incorrect wiring installation.	No	None	Unknown

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2012	Nov	Brougham Township	Fire	No	No	Equipment failure			EF12029	Property damage from fire originating on line side terminations of a 600 V disconnect switch; loose connection at the terminal of this phase.	Yes	None	N/A
2012	Nov	Lambton Shores	Non-occupation	Yes	Yes	Unknown			WUA12022	Near miss from contact between tree trimming and overhead powerline.	No	None	N/A
2012	Oct	Sarnia	Occupation	Yes	Yes	Improper procedure			WUA12019	Worker was electrocuted when working overhead in a bucket repairing a broken neutral.	Unknown	Fatality	N/A
2012	Oct	Whitby	Occupation	Yes	Yes	Human error			SA12009	Near miss from contact between sailboat mast and overhead powerline.	No	None	N/A
2012	Oct	Ottawa	Fire	No	No	Unknown			EF12021	Property damage from fire originating from closet halogen light.	Yes	None	Unknown
2012	Oct	Sault Ste. Marie	Fire	No	No	Improper use			NF12002	Property damage from fire originating from extension cord with signs of balling and arcing.	Yes	None	Yes
2012	Oct	Owen Sound	Occupation	Yes	Yes	Lack of hazard assessment			WUA12018	Worker was injured from arc flash when lawn tractor trailer caught an air break switch.	No	Injury	N/A
2012	Oct	Casselman	Fire	No	No	Equipment failure			EF12022	Property damage from fire originating from fluorescent light fixture.	Yes	None	Unknown
2012	Oct	Mississauga	Fire	No	No	Improper installation			CF12005	Property damage from fire originating from spray booth that had non-compliant wiring.	Yes	None	N/A
2012	Oct	Mount Forest	Occupation	Yes	Yes	Lack of hazard assessment			WUA12017	Near miss from contact between delivery truck and secondary overhead powerline.	No	None	N/A
2012	Oct	Bancroft	Occupation	Yes	Yes	Unknown			EUI16029	Worker was injured from contact when delivery truck made contact with overhead powerline.	Unknown	Injury	N/A
2012	Oct	Toronto	Occupation	Yes	No	Lack of hazard assessment			CA12013	Near miss from contact between excavator and crushed bus duct.	No	None	N/A
2012	Sep	Oshawa	Occupation	Yes	Yes	Lack of hazard assessment			EUA12004	Worker was injured when metal ladder made contact with 8 kV overhead powerline.	Unknown	Injury	N/A
2012	Sep	Oshawa	Occupation	Yes	Yes	Lack of hazard assessment			EUA12004	Worker was injured when metal ladder made contact with 8 kV overhead powerline.	Unknown	Injury	N/A
2012	Sep	Ottawa	Fire	No	No	Loose connection			EF12010	Property damage from fire originating from electrical panelboard; main breaker had a loose termination with heavy signs of arcing.	Yes	None	N/A
2012	Sep	St. Catharines	Occupation	No	No	Human error			WA12018	Worker was injured from arc flash when working on live disconnect switch.	Unknown	Injury	N/A

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2012	Sep	Mississauga	Occupation	No	No	Improper procedure			CA12011	Worker was injured while working on live disconnect switch.	Yes	Injury	Unknown
2012	Sep	London	Occupation	No	No	Improper procedure			WA12013	Worker was injured by explosion when bug spray made contact with water heater.	Unknown	Injury	Unknown
2012	Sep	London	Occupation	No	No	Improper procedure			WA12013	Worker was injured by explosion when bug spray made contact with water heater.	Unknown	Injury	Unknown
2012	Sep	Seaforth	Occupation	No	No	Unknown			WF12004	Worker was injured from an explosion at a farm.	Yes	Injury	Unknown
2012	Sep	Seaforth	Occupation	No	No	Unknown			WF12004	Worker was injured from an explosion at a farm.	Yes	Injury	Unknown
2012	Aug	Kingston	Occupation	Yes	Yes	Lack of hazard assessment			EUA12002	Near miss from contact between excavator and overhead secondary powerline.	No	None	N/A
2012	Aug	Napanee	Fire	No	No	Unknown			EF12014	Property damage from fire originating from outside of house at connection point between utility conductor and consumer cable; circuit was ungrounded.	Yes	None	N/A
2012	Aug	St. Catharines	Occupation	No	No	Damaged equipment			SA12005	Worker was injured when removing a cord from a receptacle; contact was made with exposed portion of another cord feeding power to an air compressor from same receptacle.	Unknown	Injury	Unknown
2012	Aug	Newmarket	Fire	No	No	Improper installation			CF12003	Property damage from fire originating from meter base; conductor was found to be in contact with metal side of box resulting in high impedance fault to the neutral and energizing bonding path.	Yes	None	N/A
2012	Aug	Windsor	Occupation	Yes	Yes	Lack of hazard assessment			WUA12016	Worker was injured from contact between 16 kV overhead powerline and scaffold.	Unknown	Injury	N/A
2012	Aug	Mississauga	Fire	No	No	Unknown			CF12002	Property damage from fire originating from disconnect switch and splitter.	Yes	None	N/A
2012	Aug	Kingston	Fire	No	No	Unknown			EF12017	Property damage from fire originating from branch wiring leading to luminaire.	Yes	None	Unknown
2012	Aug	Ottawa	Fire	No	No	Unknown			EF12019	Property damage from fire originating from power bar.	Yes	None	Unknown
2012	Aug	Whitby	Non-occupation	No	No	Unknown			SA12006	Person was injured while playing soccer; lighting pole near player bench had melted bonding conductor into a phase conductor, thus energizing its surroundings.	Unknown	Injury	N/A

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2012	Aug	Whitby	Non-occupation	No	No	Unknown			SA12006	Person was injured while playing soccer; lighting pole near player bench had melted bonding conductor into a phase conductor, thus energizing its surroundings.	Unknown	Injury	N/A
2012	Aug	Whitby	Non-occupation	No	No	Unknown			SA12006	Person was injured while playing soccer; lighting pole near player bench had melted bonding conductor into a phase conductor, thus energizing its surroundings.	Unknown	Injury	N/A
2012	Aug	Whitby	Non-occupation	No	No	Unknown			SA12006	Person was injured while playing soccer; lighting pole near player bench had melted bonding conductor into a phase conductor, thus energizing its surroundings.	Unknown	Injury	N/A
2012	Aug	Toronto	Occupation	No	No	Unknown			CA12010	Electrical worker was injured while making connections in a junction box	Unknown	Injury	N/A
2012	Aug	St. Thomas	Non-occupation	No	Yes	Damaged equipment			WA12015	Animal was injured when it made contact with a wooden streetlight pole; bare copper conductor was exposed at the base.	No	None	N/A
2012	Aug	Wilmot	Non-occupation	No	No	Improper procedure			WA12012	Person was injured when working on an electrical panel.	No	Injury	Unknown
2012	Jul	Cambridge	Occupation	Yes	No	Lack of hazard assessment			WA12016	Near miss from contact between crane boom and overhead powerline.	No	None	N/A
2012	Jul	Mississauga	Occupation	No	No	Incorrect installation			CA12008	Electrical worker was injured from aluminum sheath in a coreflex cable that was not bonded on the supply end.	Unknown	Injury	N/A
2012	Jul	Lasalle	Occupation	Yes	Yes	Lack of hazard assessment			WUA12013	Near miss from contact between boom truck and primary 4 kV overhead powerline.	No	None	N/A
2012	Jul	Toronto	Occupation	Yes	Yes	Lack of hazard assessment			CUA12006	Near miss from contact between backhoe and 13.8 kV primary duct cable.	No	None	N/A
2012	Jul	Concord	Occupation	No	No	Equipment failure			CA12007	Worker was injured from arc flash when disconnect switch failed.	Yes	Injury	N/A
2012	Jul	London	Occupation	No	No	Incorrect procedure			WA12007	Worker was injured from arc flash when removing a fuse from energized disconnect switch.	Unknown	Injury	N/A
2012	Jul	Dover	Occupation	Yes	Yes	Lack of hazard assessment			WUA12011	Near miss from contact between machine and overhead single phase primary line.	No	None	N/A
2012	Jul	Sault Ste. Marie	Occupation	No	No	Improper procedure			NA12002	Worker was injured from arc flash when contact made with energized parts.	Unknown	Injury	N/A
2012	Jul	Ottawa	Occupation	Yes	Yes	Lack of hazard assessment			EAU12003	Near miss from contact between excavator and underground powerline.	No	None	N/A

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2012	Jul	Toronto	Occupation	Yes	Yes	Lack of hazard assessment			CA12012	Worker was injured when excavator made contact with 13.8 kV powerline.	Unknown	Injury	N/A
2012	Jun	Cambridge	Occupation	No	No	Unknown			WA12008	Near miss from contact between metal tip of air blow gun and winding transformer coil.	No	None	N/A
2012	Jun	Guelph	Occupation	No	No	Lack of training			WA12006	Electrical worker was injured from arc flash when working on a fan that came into contact with energized equipment.	Unknown	Injury	N/A
2012	Jun	Oakville	Fire	No	No	Equipment failure			SF12004	Property damage from fire originating in capacitor bank.	Yes	None	N/A
2012	Jun	Toronto	Non-occupation	Yes	Yes	Lack of awareness of hazard			CUA12005	Near miss from contact between tree trimming and 27.6 kV overhead powerline.	Unknown	None	N/A
2012	Jun	Adolphustown	Fire	No	No	Incorrect installation			EF12009	Property damage from fire originating from heater in crawlspace; heater was mounted upside down in contradiction to manufacturer specifications.	Yes	None	Unknown
2012	Jun	Campbellville	Occupation	No	No	Improper installation			WA12009	Worker was injured when making contact on fuel tank; tank did not meet applicable codes and wiring to the pumps was done with unapproved products.	Unknown	Injury	Yes
2012	Jun	Milton	Non-occupation	No	No	Improper installation			WA12017	Person was injured when using hot tub; hot tub was not installed in accordance to manufacturer requirements.	Unknown	Injury	Unknown
2012	Jun	Kingston	Non-occupation	No	No	Improper installation			EA12007	Person was injured when using pool pump; switch was incorrectly wired leaving a 120 V potential.	Unknown	Injury	Unknown
2012	May	Timmins	Fire	No	No	Improper use			NF12003	Property damage from fire originating from glue gun; breaker for circuit had tripped.	Yes	None	Yes
2012	May	Toronto	Occupation	No	No	Improper procedure			SA12005	Worker was injured when backfeed from another generator was on the same circuit as an energized generator terminal.	No	Injury	Unknown
2012	May	Nipigon	Occupation	No	No	Improper procedure			NA12001	Worker was injured when making contact with an energized relay in HVAC unit.	Unknown	Injury	N/A
2012	May	Oakville	N/A	No	No	Equipment failure			WA12010	Near miss from an explosion where underground cable failure occurred.	No	None	N/A
2012	May	Vaughan	Occupation	No	No	Lack of training			CA12005	Worker was injured from arc flash when testing for voltage with a tester incorrectly.	Unknown	Injury	N/A
2012	May	Alliston	Occupation	Yes	Yes	Lack of hazard assessment			CUA12001	Near miss from contact between dump truck and overhead 13.8 kV powerline.	No	None	N/A

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2012	Apr	Niagara Falls	Occupation	No	Yes	Human error			WUA12009	Near miss when solar array was incorrectly wired 240 V to the neutral.	No	None	N/A
2012	Apr	Ottawa	Occupation	No	No	Improper installation			EA12004	Near miss from arc flash when wire was pinched during electrical maintenance.	No	None	N/A
2012	Apr	St. Catharines	Occupation	Yes	Yes	Lack of awareness of hazard			WUA12007	Near miss from contact between excavator and underground powerline.	No	None	N/A
2012	Apr	Woodbridge	Occupation	No	No	Equipment failure			CA12003	Worker was injured from arc blast when operating 600 V 30 A disconnect switch.	Unknown	Injury	N/A
2012	Apr	Hamilton	Occupation	Yes	Yes	Human error			WA12005	Near miss when extension cord was inserted into 230 kV power swing stage.	No	None	N/A
2012	Apr	Toronto	Occupation	No	No	Human error			CA12004	Property damage from arc flash from contact between fish tape and conduit that led to electrical distribution panel.	Yes	None	N/A
2012	Apr	Belleville	Occupation	No	No	Unknown			EA12006	Near miss when underground conductors failed causing failure to panel board.	No	None	N/A
2012	Apr	Brockville	Non-occupation	No	No	Improper use			EA12005	Person was injured when unplugging a power cord from wall; paper clip had been untwisted and wrapped between two prongs on the plug of the cord.	No	Injury	Yes
2012	Apr	St. Catharines	Occupation	Yes	Yes	Lack of awareness of hazard			WUA12006	Near miss from contact between excavator and underground powerline.	No	None	N/A
2012	Apr	Ashfield Township	Occupation	Yes	Yes	Unknown			WUA12008	Near miss from contact between tractor and 44 kW overhead powerline.	No	None	N/A
2012	Apr	Southgate Township	Non-occupation	Yes	Yes	Human error			WUA12005	Near miss from contact between saw and overhead powerline.	No	None	N/A
2012	Mar	Nichol Township	Occupation	No	No	Mechanical damage			SA12003	Worker was injured when servicing a 400 W luminaire; metal housing was energized when fault occurred in the circuit.	No	Injury	Unknown
2012	Mar	Toronto	Occupation	No	No	Improper procedure			CA12001	Electrical worker was injured from arc flash when replacing disconnect switch; contact was made with an energized conductor.	Yes	Injury	N/A
2012	Mar	Ottawa	Fire	No	No	Unknown			EF12003	Property damage from fire originating from bathroom exhaust fan.	Yes	None	Unknown
2012	Mar	Nepean	Occupation	Yes	Yes	Lack of hazard assessment			EUA12001	Worker was electrocuted when guiding truck boom into energized overhead powerline.	Unknown	Fatality	N/A
2012	Mar	Nepean	Occupation	Yes	Yes	Lack of hazard assessment			EUA12001	Worker was injured when assisting coworker who had guided truck boom into energized overhead powerline.	Unknown	Injury	N/A



Year	Month	Location	Occupation/ Non-occupation	Powerline	Utility infrastructure	Cause of incident			ESA #	Incident summary	Property damage	Electrical injuries/ fatalities to person	Consumer electrical product was unapproved
2012	Mar	Nepean	Occupation	Yes	Yes	Lack of hazard assessment			EUA12001	Worker was injured when assisting coworker who had guided truck boom into energized overhead powerline.	Unknown	Injury	N/A
2012	Mar	Dunwich Township	Non-occupation	Yes	Yes	Human error			WA12004	Near miss from contact from tree cutting and severed three phases of 4.8 kV overhead powerline.	No	None	N/A
2012	Mar	Burlington	Occupation	Yes	Yes	Unknown			WUA12004	Near miss from contact between excavator and 13.8 kV underground powerline.	No	None	N/A
2012	Mar	Peterborough	Occupation	No	No	Improper installation			EA12003	Near miss from arc flash when electrical worker drilled screws through the panel cover and into a 600 V breaker.	No	None	N/A
2012	Mar	Burlington	Fire	No	No	Unknown			WF12002	Property damage from fire originating from attic.	Yes	None	Unknown
2012	Mar	Puslinch	Fire	No	No	Unknown			WF12003	Property damage from fire originating from overheated garage door opener.	Yes	None	Unknown
2012	Feb	Mississauga	Fire	No	No	Unknown			CF12001	Property damage from fire originating from service conductors inside a steel conduit.	Yes	None	N/A
2012	Feb	Etobicoke	Non-occupation	No	No	Improper installation			CA12002	Person was injured when making contact with receptacle; receptacle was loose in outlet box and made contact with energized components in box.	No	Injury	Unknown
2012	Feb	Ottawa	Fire	No	No	Unknown			EF12002	Property damage from fire originating from behind a microwave.	Yes	None	Unknown
2012	Feb	Ayr	Occupation	No	No	Mechanical damage			SA12001	Worker was injured from contact with metal portion of a portable conveyor; power cord was pinched.	No	Injury	Unknown
2012	Feb	Cambridge	Occupation	Yes	Yes	Human error			WUA12002	Near miss from contact between tree falling and 23 kV primary line.	Yes	None	N/A
2012	Feb	Beaverton	Occupation	No	No	Lack of training			EA13002	Worker was injured from arc flash when removing load side cable from disconnect switch; bonding conductor made contact with energized line side of switch.	Unknown	Injury	N/A
2012	Jan	Brantford	Occupation	Yes	Yes	Lack of hazard assessment			WUA12003	Near miss from contact between truck boom and overhead 27.6 kV powerline.	No	None	N/A
2012	Jan	Milton	Fire	No	No	Equipment failure			WF12001	Property damage from fire originating from overheated sump pump.	Yes	None	N/A
2012	Jan	Kanata	Occupation	No	No	Improper installation			EA12002	Worker was injured when changing an energized ballast.	Unknown	Injury	N/A
2012	Jan	Niagara Falls	Occupation	No	No	Improper procedure			SA12002	Near miss when a cable was cut from an energized disconnect switch.	No	None	N/A

Year	Month	Location	Occupation/ Non-occupation	Powerline	Utility infrastructure	Cause of incident			ESA #	Incident summary	Property damage	Electrical injuries/ fatalities to person	Consumer electrical product was unapproved
2012	Jan	Waterloo	Occupation	Yes	No	Human error			WUA12001	Near miss from contact between boom truck and overhead secondary line.	No	None	N/A
2012	Jan	Belleville	Non-occupation	No	No	Equipment failure			EA11010	Person was injured from arc flash when cooking; stove-top element had signs of arcing.	Yes	Injury	Unknown
2012	Jan	Windsor	Occupation	No	No	Lack of awareness of hazard			WA12003	Worker was injured when putting out a fire in an energized home.	Yes	Injury	Unknown
2012	Jan	Windsor	Occupation	No	No	Lack of awareness of hazard			WA12003	Worker was injured when putting out a fire in an energized home.	Yes	Injury	Unknown