

Control Number: 37276



Item Number: 910

Addendum StartPage: 0

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	1 of 29

Table of Contents

1.0 Purpose

2.0 Scope

3.0 Responsibilities

4.0 Definitions

5.0 Plan Elements

- 5.1** Site Emergency Contact Information
- 5.2** EOP Hotline Information
- 5.3** Satellite Phone Instructions
- 5.4** Emergency Response Equipment Locations
- 5.5** Notification Requirements
- 5.6** Site Evacuation
- 5.7** Severe Weather and Natural Disasters
- 5.8** Fire Emergencies
- 5.9** Medical Emergencies
- 5.10** Bloodborne Pathogens
- 5.11** Arc Flash Incident – LV/HV Electrical Shock
- 5.12** Bomb/Terroristic Threats
- 5.13** Spill Response
- 5.14** External Communications
- 5.15** Annual Exercise Requirements

6.0 References

7.0 Document Change Log

8.0 Appendices

- Appendix A: Site Map Orientation Summary Sheet
- Appendix B: Site Specific Information
- Appendix C: Site Satellite Phone Dial-in Numbers
- Appendix D: Site Specific 911 Emergency Addresses / Site Specific GPS Coordinates

HSE.P-011.A (HSE.P-021.A.25)

To ensure you have a current version of this document, go to: [ECR NA SharePoint](#). If printed and not bound in a controlled manual, this document becomes a reference copy.

37276

RECEIVED
2019 AUG 14 AM 10:39
PUBLIC UTILITY COMMISSION
FILING CLERK

910

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	2 of 29

1.0 **Purpose**

The purpose of this plan is to provide general guidelines for evaluating and responding to any emergency condition at an E.ON (E.ON or ECR NA) wind farm site.

2.0 **Scope**

This plan provides directions and response for all employees and visitors to any emergency condition at E.ON facilities. This plan provides guidelines for emergencies that include spills, fires, explosions, bomb threats, and personnel injuries. All employees shall be trained in the actions that are to be taken should an emergency occur. Relevant elements of this plan will be communicated to all visitors during their Site Safety Orientation Training.

3.0 **Responsibilities**

3.1 **Site Supervisors or Designees**

- 3.1.1 Are responsible for the overall implementation and enforcement of this plan.
- 3.1.2 Review and approve all non-administrative changes to this plan.
- 3.1.3 Are responsible to assure consistent and effective training of this plan.
- 3.1.4 Will be responsible for ensuring all site personnel under their direct supervision are trained on the contents of this plan.
- 3.1.5 Are responsible for reporting all incidents that occur at their facility in accordance with the requirements specified in HSE.P-021.A.26, Incident Notification.
- 3.1.6 Will sponsor an annual exercise of this plan and serve as a liaison with local first responders for Fire, Police, EMS, Helicopter Rescue, and Spill Response.

3.2 **Vice President of HSE ECR North America**

- 3.2.1 Is responsible for the technical content of this plan and its compliance with all Federal and State safety regulations and requirements.
- 3.2.2 Prepares and issues all changes to this plan.
- 3.2.3 The Vice President of HSE ECR NA (or their designee) performs periodic audits of field locations to determine the level of compliance with this plan and areas for improvement.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	3 of 29

3.3 Site Personnel

- 33.1 All Site Personnel will receive training appropriate to the level of their assigned roles through various methods that include an initial orientation, regularly scheduled safety meetings, review of the safety procedures, and formal training programs. Employees will learn the following:
- 3.3.1.1 How to protect their safety and use evacuation procedures;
 - 3.3.1.2 Their roles and responsibilities during emergencies;
 - 3.3.1.3 How to identify conditions that may lead to an emergency condition;
 - 3.3.1.4 The steps to take to prevent emergency situations;
 - 3.3.1.5 Their expected response actions during emergencies; and
 - 3.3.1.6 Reporting of emergency situations, when found.
- 33.2 Site personnel are responsible to assist with evacuations and search if needed. Conduct a clean sweep of all buildings during emergencies. Perform searches of the area and check normally unoccupied rooms and spaces. Close all doors of rooms that have been searched. Stop and contain spills when discovered. Use fire extinguishers only if they feel safe doing so. Assist outside emergency response personnel, as needed.

3.4 Austin Control Center


- 34.1 The Austin Control Center is manned on a 24/7 basis and serves as a 24-hour point of contact for all site emergencies, especially those which may occur outside of normal operating hours. The Control Center 24-hour number is written on all site Turbine Emergency Information Cards (HSE.F.P-021.A.26.A).
- 34.2 The Austin Control Center regularly monitors weather conditions at all ECR NA operating wind farms. The operator on shift in the Austin Control Center will notify Site Supervisors of any changes in weather status that may be hazardous to turbine operation or any persons on site.
- 34.3 During all ***Serious Incident Events*** the Austin Control Center will serve as the Emergency Control Center (ECC) and will be the base of emergency response activities for the Emergency Management Committee (EMC). The EMC provides the coordination and control of the wind farms via the Emergency Operation Center (EOC) in accordance with HSE.P-002, Emergency Operations Plan.

HSE.P-011.A (HSE.P-021.A.25)

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	4 of 29

3.5 Fire Wardens

- 3.5.1 Are responsible for knowing and adhering to this plan.
- 3.5.2 Are responsible for knowing the layout of their work area/office and the assembly/muster point.
- 3.5.3 Are responsible for the safe evacuation of their work area/office and fellow co-workers during an emergency evacuation.
- 3.5.4 Are responsible for conducting a final sweep of their designated area before leaving the work area/office.
- 3.5.5 Shall maintain a roster of co-workers that need special assistance evacuating, including pregnant women. Those that need assistance should have two designated assistants, one to seek help and one to remain with the co-worker in a designated area until professional help arrives (EMS, firefighters, etc.)
- 3.5.6 During an evacuation:
 - 3.5.6.1 Check all office cubes, rooms, restrooms, work areas, etc. for people.
 - 3.5.6.2 Do NOT lock any doors (some doors are automatically locked. In the event of an emergency, the fire department should have a key to override the system to access the office).
 - 3.5.6.3 Do NOT use elevators or allow fellow co-workers to use elevators.
 - 3.5.6.4 Instruct co-workers to take essential personal items but inform them to not return for their items if they are already evacuating down the stairs/out of the building.
 - 3.5.6.5 Report emergencies to the Site Supervisor.
 - 3.5.6.6 If anyone refuses to evacuate, report the person to the Site Supervisor.
 - 3.5.6.7 Fire Wardens are the last to evacuate.

	E.ON Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	5 of 29

4.0 **Definitions**

- 4.1 Bloodborne Pathogens:** Means pathogenic microorganisms that are present in human blood and can cause disease in humans. These pathogens include, but are not limited to, Hepatitis B Virus (HBV) and human immunodeficiency virus (HIV). All human blood and body fluids should be considered as if infectious, and all precautions should be taken to avoid contact.
- 4.2 EOP Event:** Activation of the Emergency Operations Plan (EOP) declared by the Emergency Management Committee. An EOP Event has the potential to affect the entire company. For example, a pandemic event may affect multiple employees at multiple locations.
- 4.3 Serious Incident or Injury:** Includes all fatalities, injuries/incidents involving the public, property damage in excess of \$1 million dollars, and significant damages to the environment. These events require immediate notification to the Chief Operating Officer, Corporate Vice President of HSE ECR NA, and Vice President of Government Relations & External Affairs.

5.0 **Plan Elements**

5.1 **Site Emergency Contact Information**

- 5.1.1 Appendix A, Site Map Orientation Summary sheet.
- 5.1.2 Appendix B of this Plan contains site specific information, including a copy of HSE.F.P-011.B, Site Specific Data Form; HSE.F.P-011.C, EAP Media Contacts Form; HSE.F.P-011.D, EAP Contractors and Equipment Companies Form; HSE.F.P-011.E, EAP Vendors and Suppliers Form; HSE.F.P-011.F, EAP Vehicles and Heavy Equipment Form; and HSE.F.P-011.G, EAP Safety and Testing Equipment Form.
- 5.1.3 Appendix C of this Plan contains a copy of HSE.F.P-011.A, Emergency Action Plan (EAP) Site Satellite Phone Dial-in Numbers Form and the Company Directory.
- 5.1.4 Appendix D of this Plan contains site specific 911 emergency addresses information / Appendix D of this Plan contains site specific GPS coordinates information.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	6 of 29

5.1.5 A copy of the Site Emergency Contact Sheet is also contained in HSE.OP-023, Site Orientation Procedure and is provided to every person who completes Orientation Training.

5.1.6 Turbine Emergency Information Cards are located at every wind turbine which provides contact information specific to that location for all field activities.

5.2 EOP Hotline Information

5.2.1 The EOP Hotline only applies when there is an activation of HSE.P-002, Emergency Operations Plan (EOP) declared by the Emergency Management Committee of an EOP Event (see definition above).

5.2.2 There is an option for a remote voicemail access number to provide an Emergency Operating Procedures (EOP) Hotline.

5.2.3 The toll-free number to access the **EOP Hotline is 512-256-4700**.

5.2.4 If you are aware of or think there may be an EOP Event, you can access the EOP Hotline by pressing 1 during the announcement.

5.2.5 From there you will hear the most recent EOP update available.

5.2.6 A default message will be played during non-event situations.

5.3 Satellite Phone Instructions

5.3.1 At each site, every Site Supervisor has an E.ON issued Satellite Phone for establishing communications during emergency events where local phone service has been disrupted.

5.3.2 General Information about Satellite Phone use:

532.1 Airtime for this phone is billed by the minute for both outgoing and incoming calls. It is only to be used for emergency communications per HSE.P-002, Emergency Operations Plan (EOP).

532.2 The external phone number for this phone is found in HSE.F.P-011.A, EAP Site Satellite Phone Dial-in Numbers Form in Appendix B.

532.3 For EOP information regarding this phone and its usage, please contact Operations. If you need technical support for this phone, please contact IT.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	7 of 29

5324 In order to make/receive a call you will need to be outside with an unobstructed view of the sky. Unlike cell phones which require access to the earth based cellular network, this phone utilizes Iridium satellites in orbit around the Earth. With an unobstructed view of the sky, this phone can receive a signal and make calls from virtually anywhere on Earth.

5.3.3 Device Information for Satellite Phone

533.1 The battery charge indicator is in the upper right corner of the display. Three bars indicate a status of full charge. The battery life of this phone is comparable to an average cell phone, so please ensure the phone is properly charged.

5332 When the phone is connected to the Iridium satellite network, it will display "IRIDIUM" and the signal strength indicator will be displayed in the upper left corner of the display. Four bars indicate full strength. If the phone is unable to reach the network, it will display "Searching...Check Signal." **Remember: You must be outside with an unobstructed view of the sky in order to receive a signal and make a call.**

5333 If the phone displays "Registering" it has acquired a satellite signal and is in the process of connecting to the network. The registration only takes a few seconds before it will be connected to the network and will then display "IRIDIUM".

5334 All outbound calls require a country code and area code for the desired seven digit number. For the Chicago office, dial the country code for the US (001) and then the full number including area code.

Chicago office: 001-312-923-9463.

Austin office: 001-512-477-7024.

Austin Control Center Satellite Phone Number: 001-480-456-2682.

San Francisco Office Satellite Phone Numbers: 881-623-422-458 or 881-623-465-797.

5.3.4 Making an Outbound Call

534.1 Be sure that you are outside with an unobstructed view of the sky.

534.2 Extend the phone antennae up as far as it will go.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	8 of 29

- 5343 Power on the phone by depressing the red power button in the lower left corner for approximately two seconds.
- 5344 When initially powered on, the phone will search for a satellite signal. Once it finds a signal it will "Register" with the satellite network. This should only take a few seconds. Once registered, the display will show "IRIDIUM" and the signal indicator will be displayed in the upper left corner. At this point, you are connected and can make calls.
- 5345 In order to dial a number, you will need to include the country code of the number you are dialing. If the number you are dialing is in the US, you will need to first dial 001 and then the area code and number you intend on calling.
- 5346 Once the desired number is entered, depress the green OK button to initiate the call. If everything is correct, there will be a brief pause and then the connection will be made and the call will be connected.
- 5347 To end a call, depress the red C button in the upper left corner.

5.4 Emergency Response Equipment Locations

- 5.4.1 Every wind farm O&M/Warehouse building is equipped with a First Aid Kit, Automated External Defibrillator (AED), Bloodborne Pathogens Kit, eyewash station, MSDS Database (MSDS Online), and fire extinguishers.
- 5.4.2 Large Spill Kits (with 55-gallon drum over-pack capability) containing absorbent socks and pads are located in every wind farm Warehouse and Small Spill Kits are located in every O&M Vehicle.
- 5.4.3 Every wind farm O&M Vehicle will also contain a fire extinguisher and First Aid Kit.
- 5.4.4 Every Substation building is equipped with fire extinguisher(s), an eyewash station, with a battery spill kit for those with wet cell batteries.
- 5.4.5 In accordance with HSE.OP-004, Fall Protection and Climbing Safety Rules: An emergency kit which includes a first aid kit, AED, fire extinguisher, rescue kit (ENSA APE, Tractel, Milan, RGIO, Petzl, etc.) and a bottle of water shall go up tower during every climb.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	9 of 29

5.5 Notification Requirements

- 5.5.1 Cell phones will be the primary method of notifying others of an emergency condition. Personnel on duty will supply their cell phone number for contact and the phone number should be inserted in the speed dial feature on all cell phones. An employee directory is available on the Global Address List in Outlook.
- 5.5.2 Should an employee discover an emergency situation, it is the employee's responsibility to notify the Site Supervisor and request help or instruct others to evacuate the site.
- 5.5.3 The call to the Site Supervisor will include a brief description of the problem, location of the problem and what assistance is needed. In the case of an evacuation, the instructions should be given concisely and repeated at least once for clear understanding. It is imperative that the employees do not panic but respond quickly and correctly.

5.6 Site Evacuation

- 5.6.1 In case of a major accident or incident such as a fire, everyone on site must evacuate the site and gather at the assembly point.
- 5.6.2 The assembly point is the main entrance to the wind farm O&M building.
- 5.6.3 Evacuation routes are the roads of the site to the main entrance and are shown on the site map included in Appendix A of this plan. Alternate routes are provided in case the emergency conditions prevent use of a particular route.
- 5.6.4 The Site Supervisor or senior E.ON employee will be responsible for accounting for all employees who are present at the assembly area and any who have not assembled but are still on the site.
- 5.6.5 The status of those accounted for and unaccounted for will be relayed by the Site Supervisor or senior E.ON employee to local authorities and first responders who may be answering the emergency call.
- 5.6.6 Any event that requires site evacuation shall be reported to the applicable Operations Section Chief, President and Vice President of HSE ECR NA as soon as practical.

5.7 Severe Weather and Natural Disasters

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	10 of 29

- 5.7.1 Severe weather and natural disasters can occur at any E.ON operating site and all personnel should be aware of the constantly changing weather conditions.
- 5.7.2 Natural disasters include earthquakes, flooding, hurricanes/typhoons, landslides, tornadoes, tsunamis, extreme heat, winter storms and extreme cold, and other natural disaster events (see sections 5.7.12 through 5.7.20 for further details).
- 5.7.3 E.ON has a separate procedure HSE.OP-022, Inclement Weather & Lightning Protection Safety that contains much greater detail than what is addressed in this Plan and shall be followed during all severe weather events.
- 5.7.4 Each wind farm site will monitor a NOAA Weather Radio for alerts and warnings issued for their area.
- 5.7.5 To prepare for upcoming storm/disaster events the Site Supervisor or their designee will conduct area inspections listing conditions that must be corrected.
- 5.7.6 Special attention should be paid to any object that may become a flying debris hazard during high winds. Items stored outdoors shall be secured in place or moved into a warehouse area.
- 5.7.7 The Austin Control Center will communicate with the Site Supervisor (during normal operating hours) when a thunderstorm is forecast to be headed toward the site.
- 5.7.8 When a Thunderstorm *Watch* is in effect, Site Supervisors and the Austin Control Center will receive an automated email notification from the Lightning Detection System.
- 5.7.9 When a Thunderstorm *Warning* is in effect, Site Supervisors and the Austin Control Center will receive an automated text message from the Lightning Detection System. The Austin Control Center will phone the Site Supervisor directly to confirm that personnel are evacuating to the O&M building.
- 5.7.10 No climbing is allowed when lightning is detected within 20 miles. All personnel will exit turbines when lightning is within 20 miles.
- 5.7.11 Hurricane Preparedness and Recovery shall be managed as defined in HSE.P-003, Hurricane Preparedness Plan – Texas Coastal Sites and HSE.P-004, Hurricane Recovery Plan Texas Coastal Sites.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	11 of 29

5.7.12 Earthquakes

5.7.12.1 During an earthquake if indoors:


- 5.7.12.1.1 Take cover under a sturdy desk, table, or bench or against an inside wall, and hold on. If there isn't a table or desk near you, cover your face and head with your arms and crouch in an inside corner of the building.
- 5.7.12.1.2 Stay away from glass, windows, outside doors and walls, and anything that could fall, such as lighting fixtures or furniture.
- 5.7.12.1.3 Use a doorway for shelter only if it is in close proximity to you and if you know it is a strongly supported, loadbearing doorway.
- 5.7.12.1.4 Stay inside until the shaking stops and it is safe to go outside. Most injuries during earthquakes occur when people are hit by falling objects when entering into or exiting from buildings.
- 5.7.12.1.5 Be aware that the electricity may go out or the sprinkler systems or fire alarms may turn on.
- 5.7.12.1.6 DO NOT use the elevators.

5.7.12.2 During an earthquake if outdoors:

- 5.7.12.2.1 Stay there.
- 5.7.12.2.2 Move away from buildings, streetlights, and utility wires.

5.7.12.3 During an earthquake if trapped under debris:

- 5.7.12.3.1 Do not light a match.
- 5.7.12.3.2 Do not move about or kick up dust.
- 5.7.12.3.3 Cover your mouth with a handkerchief or clothing.
- 5.7.12.3.4 Tap on a pipe or wall so rescuers can locate you. Use a whistle if one is available. Shout only as a last resort—shouting can cause you to inhale dangerous amounts of dust.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	12 of 29

5.7.12.4 After an earthquake:

5.7.12.4.1 Be prepared for aftershocks.

5.7.12.4.2 Be aware of possible tsunamis in coastal areas. When local authorities issue a tsunami warning, assume that a series of dangerous waves is on the way. Stay away from the beach.

5.7.13 Flooding

5.7.13.1 During a flood:

5.7.13.1.1 Listen to the radio or television for information.

5.7.13.1.2 Be aware that flash flooding can occur. If there is any possibility of a flash flood, move immediately to higher ground. Do not wait for instructions to move.

5.7.13.1.3 Be aware of streams, drainage channels, canyons, and other areas known to flood suddenly. Flash floods can occur in these areas with or without such typical warnings as rain clouds or heavy rain.

5.7.13.2 If you must evacuate or prepare to evacuate:

5.7.13.2.1 Secure your office; turn off utilities at the main switches or valves if instructed to do so. Disconnect electrical appliances. Do not touch electrical equipment if you are wet or standing in water.


5.7.13.2.2 Do not walk through moving water. Six inches of moving water can make you fall. If you have to walk in water, walk where the water is not moving. Use a stick to check the firmness of the ground in front of you.

5.7.13.2.3 Do not drive into flooded areas. If floodwaters rise around your car, abandon the car and move to higher ground if you can do so safely. You and the vehicle can be quickly swept away.


5.7.14 Hurricanes/Typhoons

5.7.14.1 During a hurricane/typhoon:

5.7.14.1.1 Listen to the radio or TV for information.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	13 of 29

- 5.7.14.1.2 Secure the site; secure outdoor objects or bring them indoors.
- 5.7.14.1.3 Turn off utilities if instructed to do so. Otherwise, turn the refrigerator thermostat to its coldest setting and keep its doors closed.
- 5.7.14.1.4 Turn off propane tanks.
- 5.7.14.1.5 Avoid using the phone, except for serious emergencies.
- 5.7.14.1.6 Ensure a supply of water for sanitary purposes such as cleaning and flushing toilets. Fill large containers with water.
- 5.7.14.2 Evacuate during a hurricane/typhoon:
 - 5.7.14.2.1 If you are directed by local authorities to do so. Be sure to follow their instructions.
 - 5.7.14.2.2 If you work in a high-rise building—hurricane winds are stronger at higher elevations.
 - 5.7.14.2.3 If you work on the coast, on a floodplain, near a river, or on an inland waterway.
 - 5.7.14.2.4 If you feel you are in danger.
- 5.7.14.3 If unable to evacuate:
 - 5.7.14.3.1 Go to a wind-safe room.
 - 5.7.14.3.2 If you do not have a wind-safe room:
 - 5.7.14.3.2.1 Stay indoors during the hurricane and away from windows and glass doors.
 - 5.7.14.3.2.2 Close all interior doors—secure and brace external doors.
 - 5.7.14.3.2.3 Keep curtains and blinds closed. Do not be fooled if there is a lull; it could be the eye of the storm—winds will pick up again.
 - 5.7.14.3.2.4 Take refuge in a small interior room, closet, or hallway on the lowest level.
 - 5.7.14.3.2.5 Lie on the floor under a table or another sturdy object.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	14 of 29

5.7.15 Landslides

5.7.15.1 During a landslide:

- 5.7.15.1.1 Move away from the path of a landslide or debris flow as quickly as possible.
- 5.7.15.1.2 Curl into a tight ball and protect your head if escape is not possible.

5.7.15.2 After a landslide:

- 5.7.15.2.1 Stay away from the slide area. There may be danger of additional slides.
- 5.7.15.2.2 Watch for associated dangers such as broken electrical, water, gas, and sewage lines and damaged roadways and railways.

5.7.16 Tornadoes


5.7.16.1 If you are under a tornado warning, seek shelter immediately!

5.7.16.2 If you are in a structure (e.g. small building, high-rise building):

- 5.7.16.2.1 Go to a pre-designated shelter area such as a safe room, basement, storm cellar, or the lowest building level.
- 5.7.16.2.2 If there is no basement, go to the center of an interior room on the lowest level (closet, interior hallway) away from corners, windows, doors, and outside walls. Put as many walls as possible between you and the outside.
- 5.7.16.2.3 Get under a sturdy table and use your arms to protect your head and neck.
- 5.7.16.2.4 Do not open windows.

5.7.16.3 If you are in a vehicle:

- 5.7.16.3.1 Get out immediately
- 5.7.16.3.2 Go to the lowest floor of a sturdy, nearby building or a storm shelter.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	15 of 29

5.7.16.4 If you are outside with no shelter:


- 5.7.16.4.1 Lie flat in a nearby ditch or depression and cover your head with your hands. Be aware of the potential for flooding.
- 5.7.16.4.2 Do not get under an overpass or bridge. You are safer in a low, flat location.
- 5.7.16.4.3 Never try to outrun a tornado in urban or congested areas in a car or truck. Instead, leave the vehicle immediately for safe shelter.
- 5.7.16.4.4 Watch out for flying debris. Flying debris from tornadoes causes most fatalities and injuries.

5.7.17 Tsunamis

- 5.7.17.1 If there is a noticeable recession in water away from the shoreline, move away immediately.
- 5.7.17.2 Turn on your radio to learn if there is a tsunami warning if an earthquake occurs and you are in a coastal area.
- 5.7.17.3 Move inland to higher ground immediately and stay there.

5.7.18 Extreme Heat


- 5.7.18.1 Stay indoors as much as possible and limit exposure to the sun.
- 5.7.18.2 Stay on the lowest floor out of the sunshine if air conditioning is not available.
- 5.7.18.3 Consider spending the warmest part of the day in air conditioned facilities.
- 5.7.18.4 Eat well-balanced, light, and regular meals. Avoid using salt tablets unless directed to do so by a physician.
- 5.7.18.5 Drink plenty of water and limit intake of alcoholic beverages after working hours.
- 5.7.18.6 Dress in loose-fitting, lightweight, and light-colored clothes that cover as much skin as possible.
- 5.7.18.7 Protect face and head by wearing a wide-brimmed hat.
- 5.7.18.8 Avoid strenuous work during the warmest part of the day. Use a buddy system when working in extreme heat, and take frequent breaks.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	16 of 29

5.7.19 Winter Storms and Extreme Cold

5.7.19.1 During a winter storm:

- 5.7.19.1.1 Listen to your radio, television, or NOAA Weather Radio for weather reports and emergency information.
- 5.7.19.1.2 Eat regularly and drink ample fluids, but avoid caffeine and alcohol.
- 5.7.19.1.3 Avoid overexertion when shoveling snow.
 - 5.7.19.1.3.1 Overexertion can bring on a heart attack.
 - 5.7.19.1.3.2 If you must shovel snow, stretch before going outside.
- 5.7.19.1.4 Watch for signs of frostbite.
 - 5.7.19.1.4.1 Signs include loss of feeling and white or pale appearance in extremities such as fingers, toes, ear lobes, and the tip of the nose.
 - 5.7.19.1.4.2 If symptoms are detected, get medical help immediately.
- 5.7.19.1.5 Watch for signs of hypothermia.
 - 5.7.19.1.5.1 Signs include uncontrollable shivering, memory loss, disorientation, incoherence, slurred speech, drowsiness, and apparent exhaustion.
 - 5.7.19.1.5.2 If symptoms of hypothermia are detected, get the victim to a warm location, remove wet clothing, warm the center of the body first, and give warm, non-alcoholic beverages if the victim is conscious.
 - 5.7.19.1.5.3 Get medical help as soon as possible.
- 5.7.19.1.6 Conserve fuel, if necessary, by keeping your building cooler than normal. Temporarily close off heat to some rooms.
- 5.7.19.1.7 Maintain ventilation when using kerosene heaters to avoid build-up of toxic fumes. Refuel kerosene heaters

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	17 of 29

outside and keep them at least three feet from flammable objects.

5.7.19.1.8 Drive only if it is absolutely necessary. If you must drive, consider the following:

5.7.19.1.8.1 Travel in the day, don't travel alone, and keep others informed of your schedule

5.7.19.1.8.2 Stay on main roads; avoid back road shortcuts

5.7.19.2 If a blizzard traps you in a car:

5.7.19.2.1 Pull off the highway. Turn on hazard lights and hang a distress flag from the radio antenna or window.

5.7.19.2.2 Remain in your vehicle where rescuers are most likely to find you.

5.7.19.2.2.1 Do not set out on foot unless you can see a building close by where you know you can take shelter.

5.7.19.2.2.2 Be careful; distances are distorted by blowing snow. A building may seem close, but be too far to walk to in deep snow.


5.7.19.2.3 Run the engine and heater about 10 minutes each hour to keep warm.

5.7.19.2.3.1 When the engine is running, open an upwind window slightly for ventilation to prevent possible carbon monoxide poisoning.

5.7.19.2.3.2 Periodically clear snow from the exhaust pipe.

5.7.19.2.4 Exercise to maintain body heat, but avoid overexertion. In extreme cold, use road maps, seat covers, and floor mats for insulation. Huddle with passengers and use your coat for a blanket.

5.7.19.2.5 Take turns sleeping. One person should be awake at all times to look for rescue crews.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	18 of 29

5.7.192.6 Drink fluids to avoid dehydration.

5.7.192.7 Be careful not to waste battery power. Balance electrical energy needs—the use of lights, heat, and radio—with supply.

5.7.192.8 Turn on the inside light at night so work crews or rescuers can see you.

5.7.192.9 If stranded in a remote area, stomp large block letters in an open area spelling out HELP or SOS and line with rocks or tree limbs to attract the attention of rescue personnel who may be surveying the area by airplane.

5.7.192.10 Leave the car and proceed on foot—if necessary—once the blizzard passes.

5.7.20 After Severe Weather and Natural Disasters

5.720.1 Watch out for broken glass, debris, and fallen power lines.

5.720.2 Do not enter damaged areas until you are told it is safe.

5.720.3 Do not use an open flame or light cigarettes; combustibles may be present.

5.720.4 Be cautious when entering damaged structures.

5.8 Fire Emergencies

5.8.1 Fire emergencies may occur on site as a result of grassfire/wildfire, substation fire, turbine fire, warehouse/product storage area fire, or landowner structure fire.

5.8.2 Anyone who observes or receives information regarding a fire emergency situation shall immediately notify the Site Supervisor or available personnel via cell phone or on any radio channel.

5.8.3 The Site Supervisor or senior E.ON employee will answer and instruct all involved to evacuate the affected area. The Site Supervisor/Site Lead will call 911 or call to the office to notify administrative assistant to call 911.

5.8.4 Minor fires may be managed and controlled with a fire extinguisher. Only use a fire extinguisher if you feel safe doing so and have had hands-on training.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	19 of 29

5.8.5 Major fires will be managed by professional firefighters. For most structures on a wind farm the most practical response may be controlling the fire so that it does not spread and allowing the fire to burn itself out.

5.8.6 Special precautions must be taken during substation fires to prevent emergency response personnel from transformer mineral oil explosion and electrocution hazards.

5.9 Medical Emergencies

5.9.1 If an accident involving someone on site occurs which results in a medical emergency your immediate actions should include the following:

5.9.1.1 Stop the accident/machine or cause of the accident if possible;

5.9.1.2 Provide lifesaving first aid;

5.9.1.3 Call 911 if it is a life threatening injury, head injury, spinal injury, amputations, significant mechanism of injury, blunt trauma force, fall from 20' or more, or penetration into body cavity or organs. Do not drive the injured victim to the hospital. Wait for EMS or airlift. When calling, provide:

Your name and Phone number

Name of injured person

Nature of injury

Location of the injured person

5.9.1.4 For non-life threatening injury provide first aid to the injured;and

5.9.1.5 Inform the Site Supervisor.

5.10 Bloodborne Pathogens

5.10.1 As defined above Bloodborne Pathogens are microorganisms that are present in human blood and can cause disease in humans and therefore must be protected against.

5.10.2 Every wind farm O&M/Warehouse building is equipped with a Bloodbome Pathogens Kit which contains at a minimum: towels, biohazard bag with tie, surface cleaner for sterilization, and gloves.

5.10.3 In accordance with HSE.OP-024, New Employee Safety Training Checklist, every employee will receive First Aid & Bloodbome Pathogens Training within their first month of employment.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	20 of 29

- 5.10.4 All employees will receive Bloodborne Pathogens Refresher Training every 2 years as part of their First Aid, CPR, and AED Certifications.
- 5.10.5 All employees shall exercise universal precautions through the use of appropriate PPE (consider ALL untested human blood and body fluids are infectious) when handling blood or Other Potentially Infectious Material (OPIM) and any objects which could be contaminated with blood or OPIM.
- 5.10.6 If an employee has a contact with contaminated material to a part of his/her body not protected by PPE, the affected skin shall be immediately washed and flushed thoroughly with soap and water. Notify the Site Supervisor and the HSE Department.
- 5.10.7 Employees are required to wash and flush their hands with soap and water upon removal of protective gloves. Gloves are to be removed using the “inside-out method” by pulling the cuff of the glove over the remainder of the glove resulting in the contaminated part of the glove being on the inside.
- 5.10.8 Upon completion of the cleanup job, all PPE shall be cleaned, decontaminated, and sterilized if necessary before being properly stored. All disposable PPE as well as the cleaning materials shall be securely packaged and prominently labeled as **Regulated Waste**.
- 5.10.9 Contaminated materials labeled as **Regulated Waste** cannot be disposed of in plant trash. Contact a member of the HSE team to coordinate proper disposal of this waste.
- 5.10.10 Refer to HSE.OP-029, First Aid & Bloodborne Pathogens for further guidance.

5.11 Arc Flash Incident – LV/HV Electrical Shock

- 5.11.1 Arc Flash Incidents and High Voltage (defined as greater than 600 volts) Shock can result in internal burns of deep tissue which may appear normal at the surface of the skin. It is critical that victims be evaluated at the nearest Burn Center. Low Voltage Electrical Shock (less than 600 volts) can be just as deadly and harmful. Any electrical contact should be evaluated by a medical professional.
- 5.11.2 When working on or around live circuits, be sure to wear the right PPE to protect against electric shock and arc flash. Never wear clothing made from synthetic materials, such as acetate, nylon, polyester, or rayon - alone or combined with cotton. Such clothing is dangerous because it can burn and melt into your skin.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	21 of 29

- 5.11.3 The minimum PPE required would be an untreated natural fiber long-sleeve shirt and long pants with safety glasses with side shields (hazard/risk category 0). Observe Arc Flash labeling for the correct Hazard/Risk Category.
- 5.11.4 All jewelry shall be removed prior to working on or around live circuits. Metal conducts electricity, and an electrical charge through a ring or metal watch band can be extremely hazardous. Severe burns can result. Safety glasses shall be non-conductive.
- 5.11.5 If an injured employee is in contact with an energized circuit, **do not touch the victim, shut off the power, and call 911!** If you can't de-energize the circuit, dislodge the victim from the circuit with non-conductive material, i.e. insulated shepherd's hook. If the victim is on fire, smother or douse the flames. Remove smoldering clothing, but not clothing that is melted to the skin.
- 5.11.6 Tell a conscious victim not to move. There may be other associated injuries besides the burns, such as a neck or spine injury. Moving an injured person can make injuries worse.
- 5.11.7 Check for respiration and pulse. If the victim is not breathing, rescue breathing from trained personnel should begin immediately. If a pulse is absent, the victim needs CPR. To be effective, CPR should begin in less than 4 minutes. CPR is 30 compressions for every two breaths.
- 5.11.8 Run cool, not cold, water over the burn. Do not apply creams, ointments or ice. After the burn has been cooled, cover it with a clean dry cloth. Keep the victim warm. Do not give the victim any food or water.
- 5.11.9 Always see a doctor following an electrical shock or burn. Even a victim who feels OK may have suffered internal injuries that won't become apparent until later.

5.12 Bomb/Terroristic Threats (reference HSE.P-012, Security Plan for additional guidance)

- 5.12.1 The Department of Homeland Security has identified "Energy" as a critical infrastructure for the safety and security of this country. For this reason all Bomb & Terroristic Threats to any of our facilities requires immediate notification to the FBI Regional Office. The contact information is contained in HSE.F.P-011.B, EAP Site Specific Data Form for each wind farm.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	22 of 29

- 5.12.2 All threats shall be treated seriously by all E.ON personnel. In addition, employees shall adhere to the direction of local law enforcement.
- 5.12.3 If evacuation of the affected building or area becomes necessary, all involved personnel shall proceed to the Assembly Point to receive further instruction from the Site Supervisor. An order to shelter-in-place may also be given at which personnel shall stay away from windows, lay low, hide, or move to a lockable room or closet.
- 5.12.4 During the call, obtain as much information as possible from the caller.
- 5.12.5 Immediately following the call, complete HSE.P-002.D, Emergency Operations Plan (EOP) Bomb or Terroristic Threat Report Form found in HSE.P-002, Emergency Operations Plan (EOP), to keep track of times and relevant comments.
- 5.12.6 Contact the Site Supervisor and inform them of the situation. Contact the Operations Senior Vice President and Head of HSE ECR NA as soon as practical.
- 5.12.7 The Site Supervisor will contact the Police and Fire Department for Assistance as required (911).
- 5.12.8 Never attempt to open a suspicious letter or package or tamper with it. It will probably have been designed to withstand postal handling and to detonate during a normal sequence of opening. Contact the local Police for all suspicious letters or packages; this includes any abandoned packages found on site.
- 5.12.9 Examples of suspicious packages include: grease marks showing through on the exterior of the wrapping, emits an unusual odor, rattle, feel springy or emit a ticking noise, have excessive weight for the size and apparent contents.

5.13 Active Shooters

- 5.13.1 In the event of an active shooter entering E.ON premises, know evacuation routes and be familiar with your surroundings.
- 5.13.2 Remember to RUN, HIDE, FIGHT.
- 5.13.3 **RUN**: If you are in a public/open space (lobby) and exiting the building is an immediate and safe option:
 - 5.13.3.1 Exit the building.
 - 5.13.3.2 Notify anyone you might encounter to exit the building.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	23 of 29

5.1333 Call 911.

5.13.4 **HIDE:** If evacuating the building is not an option, shelter-in-place:

5.134.1 Find an area where the active shooter is less likely to find you.

5.134.2 Stay away from windows, glass doors, glass partitions, and any other structures made of glass.

5.134.3 If you are in a room, stay there and secure the door.

5.134.4 If you are in a hallway, get into a room and secure the door.

5.134.5 Stay out of the active shooter's view.

5.134.6 Provide protection if shots are fired in your direction with closed doors and heavy furniture.

5.134.7 Blockade doors with heavy furniture.

5.134.8 Keep quiet.

5.134.9 Silence your cell phone(s).

5.134.10 Stay on the floor and away from windows and doors.

5.134.11 Do not peek out to see what is happening.

5.134.12 Call 911.

5.13.5 **FIGHT:** As a last resort, consider taking out the shooter if they enter your area:

5.135.1 Act aggressively towards the shooter.

5.135.2 Throw items and makeshift weapons.

5.135.3 Yell.

5.135.4 Commit to your actions.

5.135.5 Reminder: this is a decision only you can make if you are comfortable doing so.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	24 of 29

5.13 Spill Response

- 5.13.1 Every wind farm has a site specific Spill Prevention Control & Countermeasures Plan (SPCC) that has been certified by a Professional Engineer (PE).
- 5.13.2 The SPCC includes a facility description detailing the location, activities, storage quantities and discharge potential for all petroleum products used or stored on site.
- 5.13.3 Spill Containment is our primary means of Spill Control. All containers of 55-gallons or greater must be stored within a secondary containment structure. This can be accomplished through the use of containment pallets for 55-gallon drum storage.
- 5.13.4 All secondary containment structures must be inspected on a Monthly basis with inspection records available for review.
- 5.13.5 All secondary containment structures which are exposed to the elements must be drained after each storm event to fully restore their containment capabilities. This includes the Main Power Transformer sump.
- 5.13.6 As noted above in Section 5.4 Large Spill Kits are located in every Warehouse building. Small Spill Kits are located in every O&M Vehicle.
- 5.13.7 All personnel are tasked with stopping spills and containing spills. If a spill kit is not immediately available build an earthen berm to contain the spill. It is a priority to ensure all spills on site are contained and prevented from reaching the nearest body of water.
- 5.13.8 Spill cleanup and remediation will typically be contracted through a spill response vendor (see site specific information in HSE.F.P-011.D, EAP Contractors and Equipment Companies and HSE.F.P-011.E, EAP Vendors and Suppliers). Small spills may be addressed by site personnel.
- 5.13.9 All spill response materials used during cleanup activities, as well as any contaminated absorbent or soil must be properly disposed of through the site oily waste recycling vendor (e.g. Safety Kleen).
- 5.13.10 All spills will be immediately reported to the Site Supervisor. The Site Supervisor will then inform the Head of HSE ECR NA who will determine if there are any external regulatory reporting requirements.

5.14 External Communications

- 5.14.1 During an emergency situation all contact with individuals or agencies external to ECR NA will be the responsibility of the Emergency

HSE.P-011.A (HSE.P-021 A.25)

To ensure you have a current version of this document, go to: [ECR NA SharePoint](#). If printed and not bound in a controlled manual, this document becomes a reference copy.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	25 of 29

Management Committee (EMC) or its delegate (As per HSE.P-002, Emergency Operations Plan).

- 5.142 Typically, the direct responsibility will be delegated to the Vice President of Government Relations & External Affairs who will relay information to the media. **(No other employee should talk to the media).**
- 5.143 Anyone other than a member of the EMC or the Vice President of Government Relations & External Affairs who gives information to the media will be subject to disciplinary action by E.ON.
- 5.144 If the Vice President of Government Relations & External Affairs is not available the EMC Public Communications Officer will serve as the Alternate Media Contact for all external communications.
- 5.145 Inquiries from non-ECR personnel should be referred immediately to the EMC for handling.
- 5.146 Names, addresses, and telephone numbers for media contacts in the surrounding area are maintained and updated by the Site Supervisor. The Vice President of Government Relations & External Affairs will handle all notifications to the various media organizations listed in HSE.F.P-011.C, EAP Media Contacts Form in Appendix C.
- 5.147 During an emergency situation all requests for information will be referred to the EMC. **Other E.ON personnel are not to respond to any requests for information even if receiving and working to resolve such requests are a normal function of his/her job.**
- 5.148 Employees who receive a request for information should respond:

“We are operating under emergency conditions. May I have your name and a contact number? I will have someone from our Emergency Management Committee contact you. Thank you.”

5.15 Annual Exercise Requirements

- 5.15.1 Fire Evacuation Drills are held at least annually at every site and shall be critiqued and documented. Prior to holding a Fire Evacuation Drill where the alarm is to be given, all site OEM Management personnel will be notified.
- 5.15.2 The wind farm Site Supervisor (or their designee) will serve as the Fire Drill Warden for evacuation exercises of the O&M/Warehouse building. They will be the last person out of the building, first making sure all interior doors are shut and the restrooms are clear, prior to going to the Assembly Area.

HSE.P-011.A (HSE.P-021.A.25)

To ensure you have a current version of this document, go to: [ECR NA SharePoint](#). If printed and not bound in a controlled manual, this document becomes a reference copy.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	26 of 29

- 5.153 The wind farm Site Supervisor will conduct an annual test of the site satellite phone connectivity capabilities with the Austin Control Center as part of the annual exercise of the Emergency Operations Plan.
- 5.154 Every wind farm Site Supervisor will annually sponsor an Emergency Exercise and invite relevant local first responders to participate.
- 5.155 Annual Exercises may include “table-top” exercises to review emergency procedures with relevant personnel or “practical” exercises which occur in the field and simulate emergency events with first responders.
- 5.156 Example scenarios for annual exercises include: severe weather events, medical emergencies, fire emergencies, tower/confined space rescues, helicopter service drills, major spill events, arc flash events, and terroristic threats/criminal trespassing.

6.0 **References**

FEMA Are You Ready? An In-depth Guide to Citizen Preparedness
(http://www.fema.gov/pdf/areyouready/areyouready_full.pdf)

OSHA 1910.38 Employee Emergency Action Plans

U.S. Department of Homeland Security Active Shooter: How to Respond
(http://www.dhs.gov/xlibrary/assets/active_shooter_booklet.pdf)

HSE.P-002, Emergency Operations Plan

HSE.P-003, Hurricane Preparedness Plan – Papalote Creek

HSE.P-004, Hurricane Recovery Plan-Texas Coastal Sites

HSE.P-012, Security Plan

HSE.P-015.PIO, Spill Prevention Control and Countermeasures Plan: Pioneer Trail

HSE.P-015.SET, Spill Prevention Control and Countermeasures Plan: Settler’s Trail

HSE.P-015.SC, Spill Prevention Control and Countermeasures Plan: Stony Creek

HSE.P-015.ANA, Spill Prevention Control and Countermeasures Plan: Anacacho

HSE.P-015.RCPI, Spill Prevention Control and Countermeasures Plan: Roscoe, Champion, Pyron, Inadale

HSE.P-015.FC-PC-SB, Spill Prevention Control and Countermeasures Plan: Forest Creek, Panther Creek, Sand Bluff

HSE.P-015.MAV, Spill Prevention Control and Countermeasures Plan: Magic Valley

HSE.P-015.MUN, Spill Prevention Control and Countermeasure Plan: Munnsville

HSE.P-015.PAPI, Spill Prevention Control and Countermeasures Plan: Papalote Creek I

HSE.P-015.PAPII, Spill Prevention Control and Countermeasures Plan: Papalote Creek II

HSE.P-011.A (HSE.P-021.A.25)


To ensure you have a current version of this document, go to: [ECR NA SharePoint](#). If printed and not bound in a controlled manual, this document becomes a reference copy.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	27 of 29

HSE.P-015.WC, Spill Prevention Control and Countermeasures Plan: Wildcat
 HSE.P-015.BB, Spill Prevention Control and Countermeasures Plan: Bruenning's Breeze
 HSE.P-015.STE, Spill Prevention Control and Countermeasures Plan: Stella I
 HSE.P-021.A.26, Incident Notification
 HSE.OP-004, Climbing Safety Rules Procedure
 HSE.OP-022, Inclement Weather & Lightning Protection Safety
 HSE.OP-023, Site Safety Orientation
 HSE.OP-024, New Employee Safety Training
 HSE.OP-029, First Aid & Bloodborne Pathogens
 HSE.P-021.A.25.A Emergency Information Card Form
 HSE.F.P-002.D, EOP Bomb or Terroristic Threat Report Form
 HSE.F.P-011.A, EAP Site Satellite Phone Dial In Numbers Form
 HSE.F.P-011.B, EAP Site Specific Data Form
 HSE.F.P-011.C, EAP Media Contacts Form
 HSE.F.P-011.D, EAP Contractors and Equipment Companies Form
 HSE.F.P-011.E, EAP Vendors and Suppliers Form
 HSE.F.P-011.F, EAP Vehicles and Heavy Equipment Form
 HSE.F.P-011.G, EAP Safety and Testing Equipment Form

HSE.P-011.A (HSE.P-021.A.25)

To ensure you have a current version of this document, go to: [ECR NA SharePoint](#). If printed and not bound in a controlled manual, this document becomes a reference copy.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	28 of 29

7.0 Document Change Log

REVISION	DATE	NATURE OF CHANGE	AUTHOR
1	10/01/13	Assign new document number, due to duplicate number assignment. Change EON Logo to reflect new logo standards. Revise HSSE and Operations management titles. Add Reference to Papalote Creek and Magic Valley Hurricane Planning documents. Add reference to P-012 Security Plan. Add ISO Document Control statement in footer.	E. Slape
2	7/31/14	Administrative edits: Converted pdf to MS Word Editable file; re-titled P-011.A to divide site specific information based on site type; formatting edits for uniformity, changed job titles, updated ECR logo, etc.	R. Gillum
3	12/8/14	Administrative edits: removed Wind Operations Senior Vice President responsibilities section and moved to the Site Supervisor section; changed HSSE Director to Head of HSSE; changed Austin Dispatch Center to Austin Control Center; changed Vice President of Human Resources to Vice President of External Affairs in Section 5.14; added HSSE. to documents; formatting edits.	R. Gillum
4	6/16/15	Administrative edits: added HSSE.F.BU-9.1.A reference; changed Vice President of External Affairs to Vice President of Government Relations & External Affairs; updated section 5.7.4; changed EMC Public Communications Officer to Communications Manager; added weather-related sections 5.7.12 through 5.7.20 and FEMA reference.	R. Gillum

HSE.P-011.A (HSE.P-021.A.25)

To ensure you have a current version of this document, go to: [ECR NA SharePoint](#). If printed and not bound in a controlled manual, this document becomes a reference copy.

	CANADIAN BREAKS Site Specific Emergency Action Plan Wind Farms	Number:	HSE.P-011.A
		Issued:	10/18/18
		Revision	8
		Page:	29 of 29

5	8/21/15	Administrative edits: added 5.13 Active Shooter section and reference; changed CEO to Chairman E.ON NA, added E.ON NA to Head of HSSE title, removed references to contractors throughout document.	R. Gillum
6	3/9/16	Administrative edits: added confined space rescue to section 5.15.6.	R. Gillum
7	10/4/16	Administrative edits: added reference to Appendix D; revised section 3.1.2 to include all non-administrative changes; added section 3.5; added section 5.1.4; added additional San Francisco office satellite phone number in section 5.3.3.4; template created for Appendix A.	R. Gillum
8	10/18/18	Administrative edits. Changed parent document P-021; changed E.ON to ECR NA Changed form numbers to reference to P-021; Changed HSSE to HSE; Changed Head of HSE to VP of HSE; add Bruennings Breeze and Stella Site Specific EAP.	T. Gromatzky

HSE.P-011.A (HSE.P-021.A.25)

To ensure you have a current version of this document, go to: [ECR NA SharePoint](#). If printed and not bound in a controlled manual, this document becomes a reference copy.



Canadian Breaks Safety Orientation Summary

Office Address: 6237 County Road 44
Vega, TX 79092

Office **512-540-4843**
Austin Control Center/SCADA **512-482-8008**
Greg Meek, BOP Manager 325-219-1565
Abraham Grajeda, SGRE Site Manager 620-430-0780
Neal Hargrove, Regional HSSE Coordinator 325-271-0644
Matt Quintanilla, Substation Coordinator 432-413-2533
Michael Freeman, SGRE Lead Tech 806-654-7249

Emergency/Fire **911**
Helicopter Life Flight 806-267-2162
Hospital –
Northwest Texas
Healthcare 806-354-1000
Oldham County Sheriff 806-267-2162
Vega Volunteer Fire Dept. 806-267-2162

Site Hazards

1. Physical (electrical (underground cables, turbines, substations, generators, miscellaneous equipment); mechanical (turbines, cranes, heavy equipment); vehicles and driving; fall from height and same level; and struck by/contact with pinch points.)
2. Chemical.
3. Biological (spiders, wasps, bees, etc.) Also, the land owner occasionally has bee hives stored in the area of the substation.
4. Environmental (snow, rain, wind, storms, lightning, flooding, etc.) E.ON NA has a lightning tracking system in place and will give lightning notifications to personnel unless they have their own detection system in place.

Note: All field work/turbine work is stopped when lightning is detected within 20 miles of the site. OEM or contractors may have stricter policies. The strictest policy prevails.

PPE

1. While on the Wind Farm, ANSI approved hard hats, safety glasses, footwear, and proper clothing are mandatory. When performing electrical work, safety gear shall be arc rated for electrical work. Exception: Hard hats, safety glasses, approved safety footwear are not required in office environment, unless the task requires the safety equipment.
2. Appropriate work clothing consisting of long trousers and shirts with at least a 4" sleeve shall be worn by all persons engaged in work activities on site.
3. Other PPE must be worn when the job task or conditions require, e.g., Hearing protection, gloves (Note: gloves and hearing protection must always be in possession), respiratory protection, fall protection fire retardant/arc rated clothing. Remove conductive articles and jewelry prior to electrical work. No loose clothing or hair.

Tools and Equipment

1. All safety, fall protection, lifting/rigging, equipment, electrical and power tools, vehicles and heavy equipment must be inspected regularly by a competent person. Color codes or other methods indicating inspection status must be used. Defective equipment shall not be used and shall be tagged-out and replaced.
2. GFCI's and assured grounding schemes shall be tested on a regular basis.
3. Custom tools must be designed by registered P.E. No makeshift tooling is allowed.

Motor Vehicle Safety

1. Obey posted speed limits and warning signs. (25 MPH speed limit on string roads is enforced.) Violators are subject to removal.
2. Seat belts must be worn by all occupants at all times when travelling in vehicles.
3. Riding in the back of vehicles or trailers while traveling is prohibited.

4. All vehicles must stop at railroad crossings where applicable.
5. When working within the 15 foot shoulder or with heavy vehicles crossing road ways, follow Federal Uniform Manual on Traffic Control.

No Smoking, Drug Usage & Firearms On-Site

1. Smoking shall be in designated areas and away from office doors (Typically 25 feet away from building openings) or in cabs of vehicles or equipment with the consent of all passengers.
2. Cigarette butts must be placed in designated and appropriate containers.
3. Smoking in the field shall take into consideration drought and burn ban conditions.
4. Possession and/or use of illegal drugs, drug paraphernalia, alcohol, explosives, and firearms (including ammunition) are prohibited.
5. Supervisors and/or HR shall be notified of prescription drug use and fit-for-duty issues.

Employee Training

1. All employees must be trained before operating machinery or equipment, climbing in and working on wind turbines. Designation of Competent Persons to be listed.
2. All personnel on site must attend site safety meetings and safety stand-downs.

Emergency Response

1. All incidents (near miss, first aid, medical emergency, motor vehicle and property damage) shall be immediately reported (24/7) to Site Supervisor and HSSE Rep. via phone or email. Site Supervisor or designee shall enter incident information via incident modules in START (Safety Tracking & Reporting Tool) and forward incident report to HSSE within 24 hours of receiving notification of the incident from staff. HSSE will issue a Safety Alert for Global Distribution after approval.
2. All personnel must be familiar with the sites emergency action/evacuation plan.
3. All personnel must know the correct emergency procedures to follow in the event of an accident or emergency. For serious injury, call 911. Do not drive injured to the hospital.
4. All personnel must familiarize themselves with the location of first aid kits, AEDs, emergency eyewash, rescue equipment and shower locations as well as fire extinguishers.

Code of Conduct

1. No horseplay, fighting, or careless acts will be tolerated.
2. All visitors, employees, and contractors shall receive a site orientation.
3. All employees and visitors are bound by the safety rules and E.ON HSSE management system.

Work/Task Planning & Hazard Identification

1. A tailboard & job hazard analysis and/or switching order shall be completed, reviewed and signed-off by all workers involved in the task for each job before work commences.
2. Lock- Out/Tag-Out, clearances, and energy isolation shall be implemented to control hazardous energy sources.
3. Safety warning signs and decals shall be followed.
4. Safe work procedures, method statements, and equipment-specific LOTO procedures shall be available on site.

Behavior Based Safety/"Take Care" Cards (Observations)

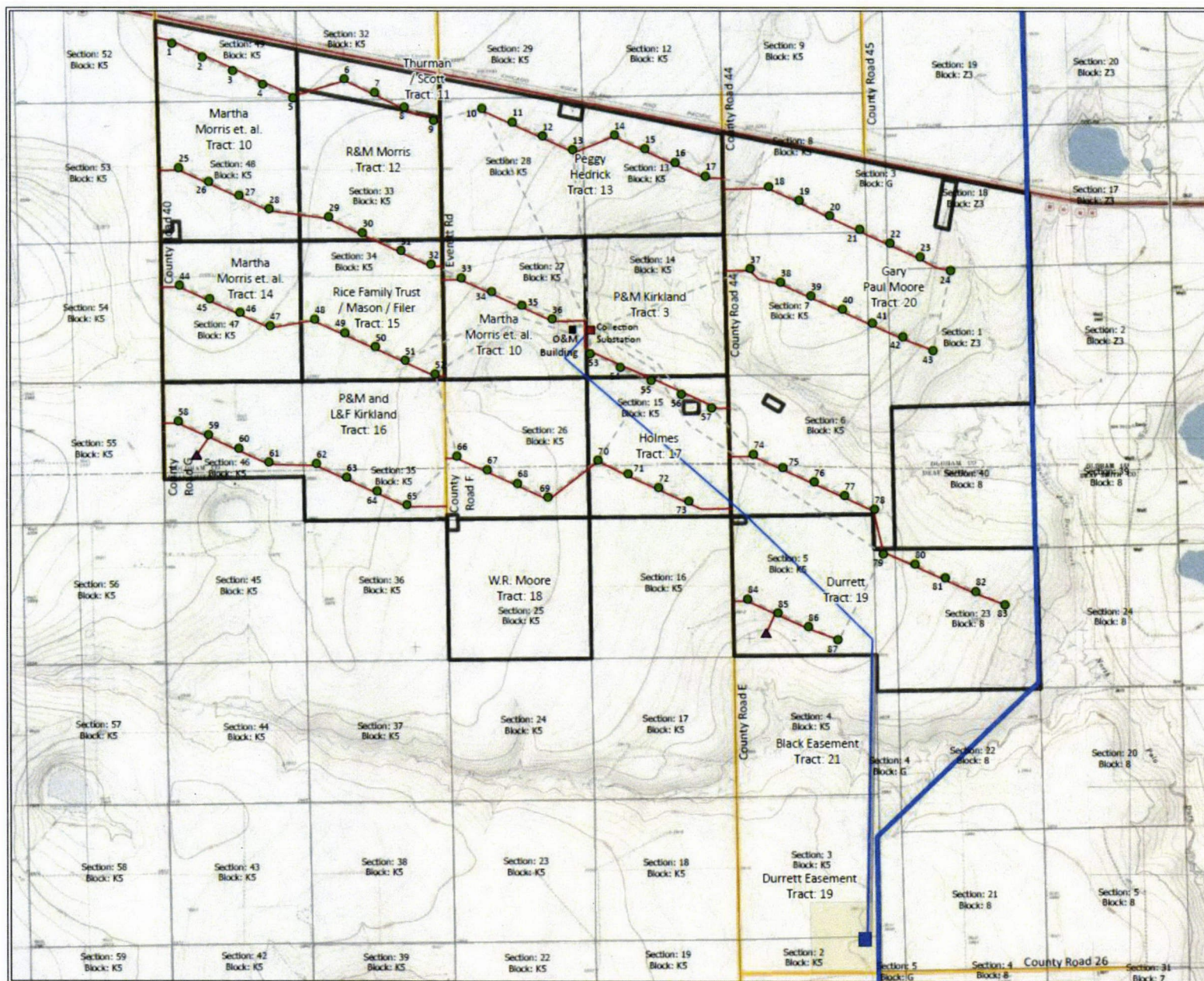
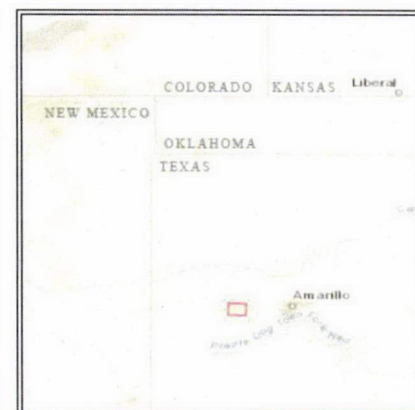
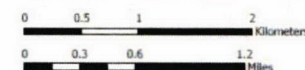
1. Participate in and complete "Take Care" cards via START (Safety Tracking & Reporting Tool) under the Observations & Inspections module.
2. Acknowledge and celebrate positive safe behavior and proactive correction of hazards.
3. Respectfully correct unsafe actions, behaviors and hazard conditions. Using START, document on Take Care/Behavior Based Observations in the Observations & Inspections Module.

CANADIAN BREAKS LAYOUT AND ACCESS

- Wind Turbine Generator
- ▲ Permanent Met Mast
- Collection Substation
- O&M Building
- Operational Access Road
- - - Collection System (underground)
- Transmission Easement
- Phase I Transmission Line (overhead)
- ERCOT Transmission Line
- Sharyland Purchase (160 acres)
- Leased Land
- Texas Land Survey Sections
- County Road

Date: 1/8/2018
Coordinate System: WGS 1984 UTM Zone 13N
Map Author / Map Approver: DBS / IC

CONFIDENTIAL





SITE SPECIFIC DATA
(One site data description for each company site)

SITE NAME	<u>Canadian Breaks</u>	
ADDRESS	<u>6237 County Road 44, Vega, TX 79092</u>	
MAIN FUNCTIONS	<u>BOP Management</u>	
TELEPHONE	<u>(512)-540-4843</u>	<u>(512)540-4849</u>
	BUSINESS OFFICE NUMBER	
CONTACTS		
	<u>Greg Meek- BOP&Ops Mng</u>	<u>(325) 219-1565</u>
	<u>Guy Dees - VP Ops Services</u>	<u>(432) 302-1938</u>
FIRE WARDENS	<u>Vega Volunteer Fire Dept.</u>	
	<u>911 or (806) 267-2162</u>	
	<u>Click here to enter text</u>	<u>Click here to enter text</u>
	<u>Click here to enter text</u>	<u>Click here to enter text</u>
DISPATCH CENTER	<u>512-482-8008</u>	
	24-HOUR NUMBER	
SATELLITE NUMBER	<u>N/A</u>	
ACCESS HIGHWAY	<u>Interstate Highway 40 to County Road 44</u>	
	TYPE	<u>Click here to enter text</u>
LOCAL LAW AGENCY	<u>Oldham County Sheriff</u>	<u>911 or (806) 267-2162</u>
	NAME	PHONE NUMBER
LOCAL FIRE DEPARTMENT	<u>Vega VFD</u>	<u>911 or (806) 267-2162</u>
	NAME	PHONE NUMBER
LOCAL FBI OFFICE	<u>Bomb Threats & Sabotage</u>	<u>(806) 376-6395</u>
		<u>(972) 559-5000</u>
	24-HOUR NUMBER	
NEAREST COMPANY	<u>Pilot Flying J Truck Stop</u>	<u>(806) 267-0011</u>



HSSE.F.P-011.B Emergency Action Plan, Appendix B:
Site Specific Data Form

NEAREST AIRPORT	<u>Rick Husband International</u>	<u>(806) 335-1671</u>
	NAME	PHONE NUMBER
MEALS AND LODGING	<u>Days Inn</u>	<u>(806) 267-0126</u>
	NAME	PHONE NUMBER
MEALS AND LODGING	<u>Hilton Garden Inn Amarillo</u>	<u>(806) 355-4400</u>
	NAME	PHONE NUMBER
MEALS AND LODGING	<u>Lucy's Kitchen</u>	<u>(806) 286-0058</u>
	NAME	PHONE NUMBER
MEALS AND LODGING	<u>Rooster's</u>	<u>(806) 267-0113</u>
	NAME	PHONE NUMBER
MEALS AND LODGING	<u>Dairy Queen</u>	<u>(806) 267-2312</u>
	NAME	PHONE NUMBER
NEAREST VEHICLE		
SERVICE GARAGE	<u>Groneman Service Center</u>	<u>(806) 267-2206</u>
	NAME	PHONE NUMBER



MEDIA CONTACTS

NAME

LOCATION

PHONE

RADIO STATIONS:

Townsquare Media	Amarillo, Texas	(806) 355-9777
KACV FM 90	Amarillo, Texas	(806) 371-5228

Click here to enter text

Click here to enter text

Click here to enter text

Click here to enter text.

Click here to enter text

Click here to enter text.

TELEVISION STATIONS:

KACV	Amarillo, Texas	(806) 371-5228
KAMR	Amarillo, Texas	(806) 381-5404

NEWSPAPERS:

Amarillo Globe News	Amarillo, Texas	(806) 376-4488
---------------------	-----------------	----------------

VENDORS AND SUPPLIERS
SITE: Canadian Breaks

VENDORS

- | | | |
|----------|---|---|
| 1 | Name: <u>J. L. Mathews Co.</u>
Address: <u>620 W. Felix; PO Drawer 6454</u>
<u>Fort Worth, TX 76134</u>
Contact: _____
Phone: <u>817-924-3360</u> | Service Provided:

<u>Materials & Supplies</u> |
| 2 | Name: <u>Sniper Services</u>
Address: _____

Contact: <u>Justus Cagle</u>
Phone: <u>940-453-4224</u> | Service Provided:

<u>Pest Control</u> |
| 3 | Name: <u>Wanzek</u>
Address: <u>10301 S FFM 1541, Amarillo, TX 79118</u>
Contact: <u>Chad Roberts</u>
Phone: <u>806-382-4299</u> | Service Provided:
<u>BOP Services</u> |
| 4 | Name: <u>Safety Kleen</u>
Address: <u>5400 Legacy Drive</u>
<u>Plano, TX 75024</u>
Contact: <u>Kim</u>
Phone: <u>432-563-2305</u> | Service Provided:

<u>Waste Disposal</u> |
| 5 | Name: <u>Crist Fuel Co.</u>
Address: <u>405 W. Interstate 40</u>
<u>Wilderado, TX 79098</u>
Contact: _____
Phone: <u>806-426-3421</u> | Service Provided:

<u>Propane</u> |
| 6 | Name: _____
Address: _____

Contact: _____
Phone: _____ | Service Provided:

_____ |
| 7 | Name: _____
Address: _____
Contact: _____
Phone: _____ | Service Provided:

_____ |

SUPPLIERS

8	Name: _____	Service Provided:
	Address: _____	
	Contact: _____	
	Phone: _____	
9	Name: _____	Service Provided:
	Address: _____	
	Contact: _____	
	Phone: _____	
10	Name: _____	Service Provided:
	Address: _____	
	Contact: _____	
	Phone: _____	
11	Name: _____	Service Provided:
	Address: _____	
	Contact: _____	
	Phone: _____	
12	Name: _____	Service Provided:
	Address: _____	
	Contact: _____	
	Phone: _____	
13	Name: _____	Service Provided:
	Address: _____	
	Contact: _____	
	Phone: _____	
14	Name: _____	Service Provided:
	Address: _____	
	Contact: _____	
	Phone: _____	



VEHICLES AND HEAVY EQUIPMENT
SITE: Canadian Breaks

VEHICLES:

1. Make/Model: Ford/F150
License Plate: 43286C4 (Temporary dealer tag)
Location: 6237 County Road 44, Vega, TX 79092
Operator: TBD
2. Make/Model: Click here to enter text
License Plate: Click here to enter text
Location: Click here to enter text
Operator: Click here to enter text
3. Make/Model: Click here to enter text
License Plate: Click here to enter text
Location: Click here to enter text
Operator: Click here to enter text.
4. Make/Model: Click here to enter text
License Plate: Click here to enter text
Location: Click here to enter text
Operator: Click here to enter text

HEAVY EQUIPMENT:

1. Type: Click here to enter text
Serial Number: Click here to enter text
Location: Click here to enter text
Operator: Click here to enter text.
2. Type: Click here to enter text
Serial Number: Click here to enter text
Location: Click here to enter text
Operator: Click here to enter text
3. Type: Click here to enter text
Serial Number: Click here to enter text
Location: Click here to enter text.
Operator: Click here to enter text.