

EMERGENCY MANAGEMENT PLAN SWF-04-PLN-Emergency Management

19 December 2023

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1 Introduction

1.1 Background

Sapphire Wind Farm (SWF) is located in the New England region of northern NSW. The site is 28km east of Inverell and 18km west of Glen Innes to the north of the Gwydir Highway in the Kings Plains area. It has two neighbouring wind farms, White Rock and Glen Innes which are located to the south of the highway closer to the town of Glen Innes. SWF has a generation capacity of 270 MW.

Vestas has been contracted by SWF to supply, install, operate and maintain the wind turbine generators.

1.1.1 Hours of operation

SWF site approved operational hours are twenty-four hours per day, 7 days per week. Scheduled maintenance work is typically carried out between the hours of 7:00am and 5:00pm weekdays. Additional hours may be required for maintenance and repairs as deemed necessary by the Site/Facility Manager

1.2 Purpose and scope

The purpose of this Emergency Management Plan is to:

- · Provide direction for personnel on what to do in the event of an emergency in the workplace;
- Provide assistance in coordination between internal personnel and external agencies in the event of an emergency;
- Ensure all personnel are aware and understand their responsibilities in an emergency situation;
- · Provide training information; and
- · Provide guidance on drill exercises.

This plan provides for the emergency response, management and investigation of emergencies related to SQE operations at Sapphire Wind Farm. This plan applies to all SQE employees, contractors, workers, volunteers, consultant's visitors and other personnel.

During the operational phase, each site shall have an effective site emergency response plan in place in accordance with SQE WHS Management System.

SQE will support the implementation of this plan through effective emergency management structures and processes as detailed in this plan.

This plan is to be read in conjunction with the Pollution Incident Response Management Plan (PIRMP), if a pollution incident or Material Harm has been determined.

1.3 Review

This plan shall be reviewed and or amendments made as a result of any one of the following points:

- In response to an incident.
- · Identified significant change in workplace risk or activity.
- Following a reasonable request from a worker or EMT Member.

Periodic reviews of the Emergency Plan shall not exceed 12 months.

2 Roles and Responsibilities

Refer to the Work Health & Safety Management plan for work health and safety related roles and responsibilities associated to positions.

2.1 Emergency Response Team

The Emergency Response Team (ERT) has been selected for the workplace and is capable of enacting the Emergency Plan and procedures.

The ERT will consist of an Emergency Response Team Liaison Officer (SQE Representative) and additional resources as detailed by the Vestas Site Emergency Response Plan.

3 Training

Safety and Environmental Legislation requires workers to be informed and trained on the implementation of emergency response procedures. Training of this Emergency Plan is delivered in-house. Where emergency response training is specialised and not available in-house, industry recognised external trainers should be used.

When training needs are identified they will be recorded in SQE's Training Matrix. Attendees to internal and external training will be recorded on the Training Matrix.

3.1 Skills retention

SQE will regularly test the Emergency Plan to assist in both continuous improvement and skills retention. Testing may be in the form of a scenario or emergency evacuation drill. The scenarios and frequency of testing should be determined based on risk.

Time between drills shall not exceed 12 months.

When undertaking an evacuation drill or an actual emergency response, the following forms are to be completed: Evacuation Record and or Emergency Debrief.

4 Communication and Consultation

Communication strategies are established to enable coordination of an emergency response with all persons at the workplace. SQE have identified all the local emergency service providers in the area and their contact details as well as emergency assembly points, are posted around the workplace.

Consultation and communication for emergency preparedness and debriefs will be managed in accordance with the Communication & Consultation Procedure.

The following processes and communication strategies have been established for the workplace to ensure efficient communication during an emergency:

- · Mobile phones.
- UHF Radios: Channel 20
- Siren: Whoop whoop indicates be alert, whaling sound indicates emergency evacuation.

5 Incident Reporting and Investigation

Where the potential for emergency could occur as a result of an:

- Incident
- Hazard
- Near miss
- Injury
- Potential emergency
- · Weather event

Natural Disaster (such as flood or bushfire)

The potential or actual emergency should be reported to the supervisor immediately. Reporting and investigation of incidents are to be in accordance with the Incident Reporting & Escalation Procedure.

6 Evacuation Diagram/s

The workplace evacuation diagram/s are attached in Appendices 2: Evacuation Diagram/s. The placement of evacuation diagrams shall be as such to ensure they are prominently displayed within the workplace. This may require the placement in multiple areas.

7 Emergency Response

7.1 Emergency Response Equipment

Emergency response equipment is available throughout the workplace and is determined based on the risk assessment, work location, suitability and accessibility.

Emergency equipment is inspected, tested and maintained as required per manufacturer requirements.

This includes:

- · Fire emergency equipment.
- · First Aid equipment.
- Spill kits.

First aid kits can be accessed at the following sites/addresses/locations:

- · Company owned vehicles.
- Administration buildings.
- · Other locations as determined by site specific requirements and risk assessments.

A list of trained persons to provide first aid or life saving techniques in an emergency will be displayed on workplace noticeboards.

All first aid injuries are to be reported in accordance with the Incident Reporting & Escalation Procedure.

7.2 Fire Fighting Equipment

Fire-fighting equipment is supplied and maintained in the workplace, it includes:

- Extinguishers in company supplied vehicles.
- · Extinguishers in plant.
- In the vicinity of hazardous combustible substances storage areas. As determined by the risk assessment process for particular tasks.
- · Water supply for fire-fighting purposes, during periods of high and extreme fire danger.
- Spark arresters must be fitted to all plant items used during prohibition or proclaimed periods.

No cutting, welding, grinding or other activities which are likely to generate fires should be undertaken on total fire ban days, unless specific permits are in place.

7.3 Emergency Response Guidelines

Appendices 1: Emergency Response Guidelines identifies guidelines which have been developed for responding to specific emergencies as determined via risk assessment.

7.3.1 Testing & implementation

An emergency drill/mock emergency scenario shall be carried out within one (1) month of implementation of this plan.

SQE will regularly test the Emergency Plan to assist in both continuous improvement and skills retention. Testing may be in the form of a scenario or emergency evacuation drill. The scenarios and frequency of testing should be determined by the EPC based on risk.

Time between drills shall not exceed 12 months.

7.4 Post Emergency Response

When undertaking an evacuation drill or an actual emergency response, the following forms are to be completed: Evacuation Record and or Emergency Debrief.

All incidents are to be reported and investigated in accordance with the Incident Reporting & Investigation Procedure.

Provide post-traumatic incident follow-up with victims, witnesses and offer counselling/support as required. SQE has a nominated Return to Work Coordinator who will be responsible for seeking counselling support where required for victims of emergencies.

8 Appendices

8.1 Appendices 1: Emergency Response Guidelines

Guidelines for responding to general and specific emergencies are contained in this Plan. If an emergency has occurred and it is not included in these Guidelines refer to the senior leader responsible for the workplace.

When an emergency occurs, the initial actions will impact or potentially impact upon:

- The injured person and their ability to recover as quickly as possible.
- · Other workers.
- Bystanders.
- · Yourself.
- · The organisation.

An understanding of the emergency response guidelines and the Emergency Plan will reduce the number of negative outcomes resulting from an emergency.

NOTE: When a specific work activity is performed and there is no corresponding emergency guideline, a guideline must then be created and tested.

LIST OF EMERGENCY RESPONSE GUIDELINES

- 1. General Emergency Response
- 2. Motor Vehicle Accidents
- 3. Medical Emergencies
- 4. Fires including Bush Fires
- 5. Evacuating Buildings
- 6. Electrical Emergencies
- 7. Threats (bomb, violence, other).
- 8. Contact with Underground / Overhead Services.
- 9. Plant Roll Over's.
- 10. Environmental Incidents.
- 11. Chemicals Spills.
- 12. Excavation Collapse.
- 13. Electric Shock
- 14. Lighting

8.1.1 Guideline 1: General Emergency Response

- 1. Remain Calm Do not panic.
- 2. Assess the situation.
- 3. Warn anyone in immediate danger.
- 4. Call 000 or (Mobile) 112 if required and the Supervisor. Request the relevant emergency service.

You could be asked for:

- · Location of emergency
- Street name & house/depot number
- Suburb
- · Nearest main road
- · Any other directions that might assist in locating site e.g. km posts/ signs/landmarks
- Number of casualties (if anyone is trapped)
- · Brief description of emergency situation e.g. fire, cyclone, electrical incident
- · Brief description of injuries
- 5. Trained workers can contain the threat if it is safe to do so.
- 6. Proceed to emergency assembly area.

Action you may need to take includes:

- · Switch off electrical appliances and machinery.
- · Isolate hazard area.
- · Put signage and barriers in place.
- · Direct people to assembly areas and muster points.
- · Relocate to higher ground.
- · Evacuate from building.

Aiding the injured if it is safe and you are qualified to do so, can include:

- · Reassure injured people.
- · Make them comfortable and cover them with a coat or blanket.
- · Refrain from giving them food and drinks.
- · Clear area of onlookers to secure privacy for injured.
- Do not move the injured unless their location continues to put them in danger.

Snake and Spider bites:

• Stop and Drop for any snake or spider bites and seek immediate attention.

8.1.2 Guideline 2: Motor Vehicle Accident

If you are not injured and able to assist others follow Guideline 1: General Emergency Response

- Try to stay Calm DO NOT discuss the incident or fault with anyone
- If your car has been damaged exchange your details with all drivers
- If you have a camera with you, take photos of vehicles and location (only if safe to do so)
- Locate yourself to a safe area and await arrival of emergency services or police and assist where required
- Contact Tow Truck Service If your car has been damaged
- As soon as the situation allows for it contact your Supervisor and inform them of the incident and your location
- If injured remain in your vehicle, if safe to do so until medical aide arrives
- Try to remain calm and AVOID ANY MOVEMENT if you do not have to move
- · Ask someone to contact emergency services on your behalf if you are injured
- · Do not drink any fluids or eat any food
- If electrical powers lines are involved do not touch anything metal in or on your vehicle and notify
 emergency services at the time of calling, remain in the car unless absolutely necessary to alight
 e.g. a fire has started. If this is the case, occupants exit the vehicle with feet together and move to
 safety by hopping (not walking) away to avoid electrocution).
- As soon as your injuries permit, contact your Supervisor and advise them of your injuries, the location of the accident, how many vehicles are involved, your location and if you will be transported to hospital the name of the hospital.

8.1.3 Guideline 3: Medical Emergency

- 1. Call 000 or 112 immediately for medical emergencies.
- 2. Notify your Supervisor.
- 3. Qualified workers can perform first aid if it is safe to do so.

Aiding the injured if it is safe and you are qualified to do so, can include:

- · Reassure injured people.
- Make them comfortable and cover them with a coat or blanket.
- · Refrain from giving them food and drinks.
- Clear area of onlookers to secure privacy for injured.
- Do not move the injured unless their location continues to put them in danger.

Once the emergency has been managed, workers will need to:

- · Document their actions and what they witnessed.
- Report to their Supervisor to assist with documenting and reviewing the event.

8.1.4 Guideline 4: Fire

Follow the "R.A.C.E." acronym if there is a fire or suspected fire: Rescue – Alarm – Contain – Extinguish

1. Rescue

- Immediately stop what you are doing and remove anyone in immediate danger from the fire to a safe area.
- Able persons should be instructed to leave under their own power and report to the Emergency Assembly Point.
- · Persons that require assistance with evacuation should be assisted to the Emergency Assembly Point.
- Get out as safely and quickly as possible. The less time you and others are exposed to poisonous gases, heat, or flames, the safer everyone will be.
- · Assist/ensure evacuation as per instructions from the Chief Warden.

2. Alarm

- · Activate the nearest fire alarm.
- Call 000 or 112 and/or your supervisor to report the location and current extent of the fire.

3. Contain

- · Close all doors and windows that you can safely reach to contain the fire.
- · During evacuation close the doors behind you.

4. Extinguish

- · Only attempt to extinguish the fire if it is safe for you to do so.
- · Retrieve the nearest fire extinguisher and follow the "P.A.S.S." procedure:
- P = Pull the pin breaking the plastic seal;
- A = Aim at the base of the fire;
- S = Squeeze the handles together; and
- S = Sweep from side to side.

See Figure 1: Fire Fighting Equipment Usage Chart

- 5. Shut down equipment and machinery.
- 6. Exit the area safely.
- 7. Proceed to the assembly area or muster point.
- 8. Follow the instructions of the Fire Warden.

Trained Fire Wardens can undertake the following:

- · Extinguish fires.
- · Lead evacuations.
- · Take head counts at assembly areas and muster points.
- · Liaise with external agencies.
- · Keep records of the emergency and work with management to review event.

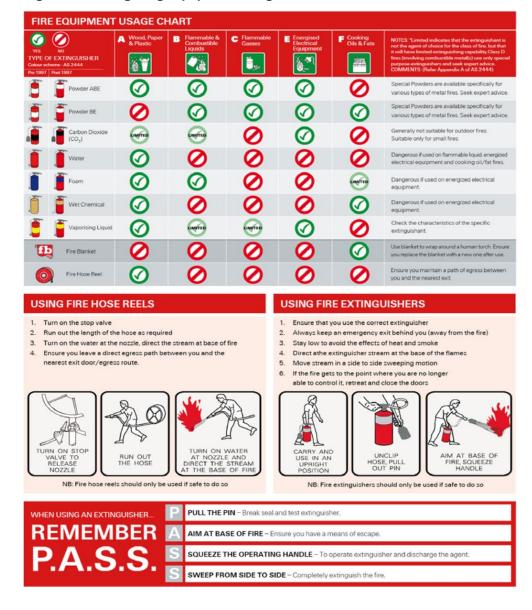
Bushfire reporting and evacuations are to be carried out as follows:

- Any smoke identified in the close proximity of the workplace or on the horizon should be reported immediately to the area supervisor.
- Call 000 or (Mobile) 112 if required by the Supervisor. Request the relevant emergency service.
- Work in the area must be reviewed to ensure the safety of personnel.
- If the workplace is deemed to be unsafe the personnel are to be evacuated as per the evacuation procedures.

Assisting in the extinguishing of a Bushfire must be carried out as follows:

- If it is safe and the personnel are deemed competent to engage in the extinguishing of a fire.
 - This must be at the request of emergency services and coordinated between the emergency service and the workplace's senior leader.
 - Firefighting equipment on site will include fire extinguishers.
- Rescue Alarm Contain Extinguish

Figure 1: Fire Fighting Equipment Usage Chart



8.1.5 Guideline 5: Building or Site Evacuation

- 1. Remain calm
- 2. Alert Warden and notify emergency services
- 3. Proceed to assembly area or muster point.
- 4. Follow to directions given by Wardens and trained emergency staff

Trained Wardens can undertake the following:

- · Extinguish fires.
- · Lead evacuations.
- · Take head counts at assembly areas and muster points.
- · Liaise with external agencies.

Once the emergency has been managed, workers will need to:

- · Document their actions and what they witnessed.
- · Report to their Supervisor to assist with documenting and reviewing the event.

What to do if you need to evacuate from the office (if safe to do so):

- · Turn off power and water
- · Secure the office and your vehicle if at risk and take recommended evacuation routes
- If the situation worsens refer to Guideline 1: General Emergency Response

In the event of a serious storm, flood, cyclone earthquake etc. that has approached without warning you may need to decide if it is safer to stay indoors or evacuate/proceed to safer area. If you decide to stay indoors or upon returning inside a building:

- · Listen to local radio station for official advice and warnings if you have a battery-operated radio
- Do not use electrical appliances which have been affected by flood waters or fire fighting chemicals/equipment until checked for safety

8.1.6 Guideline 6: Electrical Emergencies

- 1. Raise the alarm and call 000 or 112 and the electricity company.
- 2. Check for any sign of immediate danger.
- 3. Refrain from rescuing or touching an electrocuted person.
- 4. Exit the area safely.
- 5. Proceed to the assembly area or muster point.
- 6. Follow the instructions of the Supervisor.

Trained Staff can undertake the following:

- · Check for danger.
- Use appropriate extinguishers for electrical fires. Do not use water.
- · If safe to do so, locate the main switchboard and shut off electricity.
- Take head counts at assembly areas and muster points.
- · Liaise with external agencies.
- · Keep records of the emergency and work with management to review event.

Injured workers should seek medical advice and:

- · Refrain from removing burnt clothing.
- Refrain from breaking blisters.
- Refrain from touching burns.

Workers who have contact with overhead powerlines should:

• Do not touch anything metal in or on your vehicle and notify emergency services at the time of calling, remain in the vehicle unless absolutely necessary to alight e.g. a fire has started. If this is the case, occupants exit the vehicle with feet together and move to safety by hopping (not walking) away to avoid electrocution).

8.1.7 Guideline 7: Threats

- 1. Remain calm.
- 2. Do not disconnect the call (even after they have hung up).
- 3. Prolong the call as much as possible.
- 4. Record as much information about the person and what they have said.
- 5. Notify your supervisor, security services and/or Police.
- 6. Proceed to the assembly area or muster point.
- 7. Follow the instructions of the Supervisor.
- 8. Protect any physical evidence related to the threat.

Trained Staff can undertake the following:

- · Check for danger.
- · Take head counts at assembly areas and muster points.
- Liaise with external agencies.
- · Keep records of the emergency and work with management to review event.

8.1.8 Guideline 8: Underground/ Overhead Services Contact

- 1. Cease work immediately.
- 2. Shut off equipment and machinery.
- 3. Notify your Supervisor.
- 4. Call service providers for the underground services.
- 5. Follow Guideline 4: Fire, in case of potential explosion.

Trained Staff can undertake the following:

- · Check for danger.
- · Use appropriate extinguishers for fires.
- Take head counts at assembly areas and muster points.
- · Liaise with external agencies.
- · Keep records of the emergency and work with management to review event.

Aiding the injured if it is safe and you are qualified to do so, can include:

- · Reassure injured people.
- Make them comfortable and cover them with a coat or blanket.
- · Refrain from giving them food and drinks.
- · Clear area of onlookers to secure privacy for injured.
- Do not move the injured unless their location continues to put them in danger.

8.1.9 Guideline 9: Plant Roll-Over

- 1. Cease work immediately.
- 2. Shut off equipment and machinery.
- 3. Notify Supervisor and Emergency Services.
- 4. Provide first aid if safe to do so.
- 5. Follow Guideline 4: Fire, in case of potential explosion from equipment and machinery.

Aiding the injured if it is safe and you are qualified to do so, can include:

- · Reassure injured people.
- Make them comfortable and cover them with a coat or blanket.
- · Refrain from giving them food and drinks.
- · Clear area of onlookers to secure privacy for injured.
- Do not move the injured unless their location continues to put them in danger.

8.1.10 Guideline 10: Environmental Incident

Refer to Pollution Incident Response Management Plan

8.1.11 Guideline 11: Chemical Spills

- 1. Cease work immediately.
- 2. Assess the situation to ensure safety.
- 3. Minimise potential for further environmental harm.
- 4. Call your Supervisor, and the Site Environmental Representative.
- 5. Control and contain the spill to prevent further spillage by creating bunding.
- 6. Follow Guideline 4: Fire, in case of potential explosion.
- 7. Clean up the spill using a spill kit and manage contaminated areas.
- 8. Dispose of chemicals and chemical soaked materials appropriately, on consultation with relevant agencies.

The site Environmental Representative will conduct an investigation and review of the event.

8.1.12 Guideline 12: Excavation Collapse

- 1. Contact emergency services immediately.
- 2. Contact your Supervisor to coordinate emergency.
- 3. Clear onlookers from the area.
- 4. Insert shoring if it is safe to do so, to protect workers.
- 5. Remove collapsed soil if it is safe to do so, using a spotter.
- 6. Remove soil from head and chest area where trapped workers are located.
- 7. Perform first aid (by trained workers) until emergency services arrive.
- 8. Follow Guideline 4: Fire, in case of potential explosion, if necessary.

8.1.13 Guideline 13: Electric Shock

- 1. Remember DRSABCD do not put any personnel in danger or commence first aid until power source has been disconnected.
- 2. Immediately disconnect current or power source
- 3. Immediately contact the Ambulance Service on 000 or 112 and advise.
- 4. Clear onlookers from the area.
- 5. All electric shock incidents/ casualties must be medically assessed, this includes all minor shocks as well as the more serious shocks.

8.1.14 Guideline 14 - Lightning - Wind Farm

When lightning has been identified within a 60km radius of the wind farm, an alert shall be made to all site workers, contractors and visitors. In the circumstance of lightning within a 40km radius of the wind farm, all works are to be made safe and personnel return to the compound.

8.2 Appendices 2: Evacuation Diagram/s

8.3 Appendices 3: Emergency Contacts List

Emergency Contacts List						
Site Emergency Information						
Facility/Site Name:	Sapphire Wind Farm					
District:	Kings Plains					
Address:	Cnr Western Feeder Road and Waterloo Road					
Latitude:	-29.704340					
Longitude: 151.42		24037				
		Emergency Services				
Police, Fire, Ambulance	000 (112 mobiles)					
Glen Innes Hospital	(02) 6721 9500					
Medical Centre	(02) 6722 2855					
Police	(02) 6722 0599					
TransGrid	(02) 4014 5700					
Injured Wildlife (02) 67		32 1988				
		Site Emergency Contacts				
SWF Site Manager		David Williamson	+61 447 425 532			
SWF Operations Manag	ger	Ben Deer	+61 429 071 864			
Vestas Services Manag	jer	Garry Hilcke	+61 427 390 013			

9 Relevant legislation and standards

Туре	Title
Legislation	Work Health & Safety Act 2011

Squadron Energy is Australia's leading renewable energy company. Proudly Australian owned, our mission is to be a driving force in Australia's transition to a clean energy future by providing green power to our customers.

We develop, operate and own renewable energy assets in Australia.

With proven experience and expertise across the project lifecycle, we work with local communities and our customers to lead the transition to Australia's clean energy future.

Squadron Energy acknowledges the Traditional Owners of Country throughout Australia. We pay our respects to Elders past, present, and emerging.

