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Fort Bend Solar LLC

55 East Monroe Street, Suite 1925
Chicago, IL 60603
312.673.3000
www.acciona.com

1. Executive Summary

The Fort Bend Solar LLC (FBS) emergency operations plan (EOP) has been developed in accordance with 16 TAC 25.53 Electric Service Emergency Operations Plan. FBS is a power generation company (PGC) within the jurisdiction of the Public Utility Commission of Texas (PUCT); therefore the EOP encompasses requirements in 16 TAC 25.53 for PGCs. The EOP for FBS includes a description of the generation facility, identification of emergency situations, general emergency response for safety and environmental incidents, actions to take during inclement weather, as examples. The EOP has been written to ensure the safety of personnel, the safety of equipment and the safety and reliability of the Bulk Electrical System. Please note that FBS is still under construction and not in operations.

2. Table of Contents

25.53(e)(2)(C)	EAP_PUCT_Restoration of Service r01	§3; pg 2	pg 35-36
25.53(e)(2)(D)	EAP_PUCT_Pandemic Responser01	§3; pg 1	pg 38-39
25.53(e)(2)(E)	FORT_BEND_HURRICANE_PLAN r01	§5-7; pg 3-6	pg 41- 47
25.53(e)(2)(F)	EAP_PUCT_SECURITY	§3; pg 2	pg 49-50
25.53(e)(2)(G)	EAP_PUCT_SECURITY	§3; pg 2	pg 49-50

3. Record of Distribution

ANNEX
DISTRIBUTION OF SITE EMERGENCY ACTION PLANS

CONTROL

PREPARED	REVISED	APPROVED
[redacted]		
mm/dd/yyyy	mm/dd/yyyy	mm/dd/yyyy
[SIGNED]	[SIGNED]	[SIGNED]

For **DATA PROTECTION** the signatures are not visible. The original signed version is available, guarded by IMS.

RECORD OF CHANGES

REV.	DATE(mm/dd/yyyy)	DESCRIPTION

1 PURPOSE

The purpose of this document is to detail the distribution plan for projects that fall under the jurisdiction of the Public Utility Commission of Texas (PUCT) pursuant to 16 TAC 25.53(c)(4)(A)(i)-(ii). .

2 SCOPE

BUSSINESS LINE	☐ALL	APLICATION AREAS		☐ALL
☐ WIND POWER	☐ HYDRAULIC	☐ MANAGEMENT	☐ SUPPLY CHAIN	☐ ENGINEERING
☒ PV SOLAR	☐ BIOMASS	☐ FINANCIAL	☒ QSE+S	☐ CONSTRUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ COMMUNICATION	☐ GS	☐ INSTALLATION HANDOVER
☐ OFFICE		☐ HR	☐ R&D+i	☒ PRODUCTION
		☐ LEGAL	☐ DEVELOPMENT	☐ SOC (System Operation Center)
		☐ IT	☐ PROJECT MANAGEMENT	☐ ENERGY MANAGEMENT

3 DESCRIPTION

This document will detail out the distribution process for the emergency action plans for sites that reside under the jurisdiction of the Public Utility Commission of Texas (PUCT).

Distribution Record

Name of Individual	Job Title	Method of distribution	Date of Access
[redacted]	VP of Operations	MAP Publication	04/11/2022
	Director of Operations	MAP Publication	043/131/2022
	Director of QSES	MAP Publication	04/11/2022
	Safety Specialist	MAP Publication	04/11/2022
	Regional Manager	MAP Publication, hard copy print out at site, available to all staff	Upon hiring
	Lead Technician	MAP Publication and Annual Training, hard copy print out at site posted in common area	Upon hiring
	Technician	MAP Publication and Annual Training, hard copy print out at site, posted in common area	Upon hiring
	Deputy Emerergency Management Coordinator - Fort Bend County Office of Homeland Security & Emergency Management	Hard Copy	Final copy: Pending late stage construction – will be forwarded before energization
	Emerergency Management Coordinator - Fort Bend County Office of Homeland Security & Emergency Management	Hard Copy	Final copy: Pending late stage construction – will be forwarded before energization

Initial training and subsequent training records will be tracked using the normal process using the form in Related Documentation.

4 RELATED DOCUMENTATION

CODE	TITLE
FUS01_GAE03004	Training Acknowledgement

NOTE. *Complete this table with the documentation, legislation, regulations... that is related to the document*

ID 256047

Basic information | Attached files | Current versions | Related documents | Locations | Participants | Priority Recipients | **Log**

FORT BEND_DISTRIBUTION r1 en : FORT BEND_DISTRIBUTION ANNEX

Orden FORT BEND_DISTRIBUTION

Request date	IMS Validation date	Date of elaboration	Revision date	Approval date	Publication date	Cancellation date	Update date	Validation date
04-13-2022	04-14-2022	04-14-2022	04-14-2022	04-14-2022	04-14-2022		04-14-2022	

14-04-2022 16:03 [redacted] e code with the following comments: Part of the PUCT Submission

15-04-2022 09:24 [redacted] sted the revision from the following request: "1288"

15-04-2022 09:42 [redacted] ing modifications:
reviewer has changed to *Retzlaff, Jeremy*

15-04-2022 09:42 [redacted] horise the document

15-04-2022 10:09 [redacted] sion authorised

15-04-2022 10:14 [redacted] loped

15-04-2022 10:24 [redacted] he revision

15-04-2022 10:24 [redacted] pproved

15-04-2022 10:29 [redacted] izar la publicación del documento con fecha de publicación 4/15/2022

15-04-2022 10:29 [redacted] sion published

Cancel

TRAINING/AWARENESS PROGRAM (NAME):	TRAINING DATE:	START TIME:	END TIME:
San Roman, La Chalupa, Palmas Altas Emergency Action Plan Training	4/13/2022	730	800

■ GROUP ☐ ON-THE-JOB ☐ SELF-STUDY ☐ EXTERNAL

PROGRAM DESCRIPTION/OBJECTIVES	PARTICIPATING TRAINEE(S)	
Emergency Action Plan contents and familiarization. Hurricane Plan contents and familiarization.	***PRINTED NAME***	***SIGNATURE***
	Please see attached Table for Attendees	

Reference Documents/Materials

Emergency Action Plan
Hot and Cold Weather Emergencies Annex and Checklist
Pandemic Response Annex
Restoration of Service Annex
Hurricane Preparedness Checklist

EFFECTIVENESS VERIFICATION (Method & Results)	INSTRUCTOR/SUPERVISOR (Please Print)
Will be verified by checklist completion and successful drills.	Director QSES
	I certify that the above listed personnel have successfully completed this training.
	Signature:
	Date: 2022-04-13

1. Summary

Attended participants	30
Start time	4/13/22, 7:12:44 AM
End time	4/13/22, 7:48:26 AM
Meeting duration	35m 42s
Average attendance time	21m 23s

2. Participants

Name	Title	First join	Last leave	In-meeting duration
[redacted]	Technician	4/13/22, 7:12:46 AM	4/13/22, 7:47:38 AM	34m 52s
	Technician	4/13/22, 7:14:15 AM	4/13/22, 7:47:30 AM	21m 29s
	Technician	4/13/22, 7:16:15 AM	4/13/22, 7:47:41 AM	31m 25s
	Technician	4/13/22, 7:20:28 AM	4/13/22, 7:47:37 AM	22m 45s
	Technician	4/13/22, 7:21:11 AM	4/13/22, 7:47:37 AM	26m 26s
	Director, QSES	4/13/22, 7:22:36 AM	4/13/22, 7:48:26 AM	25m 49s
	Technician	4/13/22, 7:23:35 AM	4/13/22, 7:47:38 AM	24m 3s
	Technician	4/13/22, 7:24:47 AM	4/13/22, 7:47:38 AM	22m 50s
	Technician	4/13/22, 7:25:30 AM	4/13/22, 7:47:34 AM	22m 3s
	Technician	4/13/22, 7:25:42 AM	4/13/22, 7:47:33 AM	21m 51s
	Technician	4/13/22, 7:25:42 AM	4/13/22, 7:47:33 AM	21m 51s
	Technician	4/13/22, 7:25:50 AM	4/13/22, 7:47:34 AM	21m 43s
	Technician	4/13/22, 7:25:57 AM	4/13/22, 7:47:39 AM	21m 42s
	Director, Regulatory Compliance	4/13/22, 7:26:12 AM	4/13/22, 7:47:27 AM	21m 15s
	Lead Technician	4/13/22, 7:26:15 AM	4/13/22, 7:47:32 AM	21m 16s
	Lead Technician	4/13/22, 7:26:16 AM	4/13/22, 7:47:36 AM	21m 19s
	Lead Technician	4/13/22, 7:26:16 AM	4/13/22, 7:47:33 AM	21m 16s
	Technician	4/13/22, 7:26:43 AM	4/13/22, 7:47:31 AM	20m 47s
	Technician	4/13/22, 7:26:46 AM	4/13/22, 7:47:30 AM	20m 44s
	Technician	4/13/22, 7:27:30 AM	4/13/22, 7:47:32 AM	20m 2s
	Technician	4/13/22, 7:28:30 AM	4/13/22, 7:47:39 AM	19m 8s
	Wind Farm Site Manager	4/13/22, 7:28:48 AM	4/13/22, 7:47:29 AM	18m 41s
	Community Relations & Communications Manager	4/13/22, 7:28:49 AM	4/13/22, 7:47:35 AM	18m 45s
	Technician	4/13/22, 7:29:03 AM	4/13/22, 7:47:36 AM	18m 33s
	Technician	4/13/22, 7:29:04 AM	4/13/22, 7:47:31 AM	18m 27s
	Director, Wind O&M	4/13/22, 7:29:53 AM	4/13/22, 7:47:35 AM	17m 42s
	Vice President, Operations	4/13/22, 7:30:13 AM	4/13/22, 7:47:38 AM	17m 25s
	CEO	4/13/22, 7:31:07 AM	4/13/22, 7:47:31 AM	16m 24s
	Safety Specialist	4/13/22, 7:32:26 AM	4/13/22, 7:48:24 AM	15m 58s
	Manager, System Operation Center	4/13/22, 7:32:38 AM	4/13/22, 7:47:30 AM	14m 52s

3.Other Participants via shared PC

Name	Title
[redacted]	Wind Farm Site Manager
	Technician
	Technician
	Technician

4. Affidavit

Affidavit pursuant to 16 TAC §25.53(c)(4)(C)(i)-(vi)

OFFICER'S AFFIDAVIT

STATE OF ILLINOIS)
COUNTY OF COOK) SS:

Now comes Joaquin Francisco Castillo Garcia, Chief Executive Officer of Fort Bend Solar LLC, having been first duly sworn, declares and states as follows:

1. I am an executive officer for Fort Bend Solar LLC, owner of the Fort Bend Solar Project located in Fort Bend County, Texas.

2. Relevant operating personnel are familiar with and have received training on the applicable contents and execution of the emergency operations plan, and such personnel are instructed to follow the applicable portions of the emergency operations plan except to the extent deviations are appropriate as a result of specific circumstances during the course of an emergency.

3. The emergency operations plan has been reviewed and approved by the appropriate executives.

4. Drills have been conducted to the extent required by 16 TAC §25.53(f).

5. The emergency operations plan or an appropriate summary has been distributed to local jurisdictions as needed.

6. Fort Bend Solar LLC maintains a business continuity plan that addresses returning to normal operations after disruptions caused by an incident.

7. Fort Bend Solar LLC's emergency management personnel who are designated to interact with local, state, and federal emergency management officials during emergency events have received the latest IS-100, IS-200, IS-700, and IS-800 National Incident Management System training.

Signature: _____

Joaquin Francisco Castillo Garcia
Chief Executive Officer
Fort Bend Solar LLC

Sworn to before me and signed in my presence this 13 day of April, 2022.

KATHERINE A GAGE
Official Seal
Notary Public - State of Illinois
My Commission Expires Nov 4, 2024

_____

Notary Public
My Commission Expires November 4, 2024

EMERGENCY ACTION PLAN
FORT BEND SOLAR, LLC

CONTROL

PREPARED BY	REVISED BY	APPROVED BY
[redacted]		
04-12-2022	04-12-2022	04-12-2022
[SIGNATURE]	*[SIGNATURE]*	*[SIGNATURE]*

*The signed original is kept by **ACCIONA**.*

RECORD OF CHANGES

REV.	DATE	DESCRIPTION

INDEX

EMERGENCY ACTION PLAN
FORT BEND SOLAR, LLC

1. PURPOSE

The purpose of this Emergency Action Plan (EAP) is to prevent subsequent injuries, damage, or negative environmental impacts through well-planned and executed actions after the onset of an emergency condition.

2. SCOPE

This Emergency Action Plan applies to Fort Bend Solar LLC (FBS).

TECHNOLOGIES APPLIED		PROCESSES APPLIED TO		
☐ ALL		☐ MANAGEMENT	☒ QSE+S	☐ ALL
☐ WIND POWER	☐ HYDRAULIC	☐ FINANCIAL	☐ GS	☐ INSTALLATION HANDOVER
☒ PV SOLAR	☐ BIOMASS	☐ COMMUNICATION	☐ R&D+i	☒ PRODUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ HR	☐ DEVELOPMENT	☐ O&M ENGINEERING
☐ ENERGY STORAGE		☐ LEGAL	☐ PROJECT MANAGEMENT	☒ *SOC (SYSTEM OPERATION CENTER)*
☐ HYDROGEN		☐ IT	☐ ENGINEERING	☐ ENERGY MANAGEMENT
☐ OFFICE		☐ SUPPLY CHAIN	☐ CONSTRUCTION	☐ DISTRIBUTED GENERATION
				☐ ENERGY SERVICES

3. APPLICABILITY

This plan applies to the Fort Bend generation site and the Acciona Energy chain of command in North America.

4. RESPONSIBLE PERSONNEL

- EAP Maintenance
  - FBS Lead Technician or designee
- EAP Implementation
  - FBS Lead Technician or designee
- EAP Revisions
  - Director, QSES or designee

5. EMERGENCY LEVEL DEFINITION

LEVEL	DESCRIPTION	EXAMPLE
LEVEL 1 MINOR EMERGENCY	Affects only a limited area of a Site that is easily isolated, such as a single Power Station, work area, room or corridor, a single person, or small group of individuals. Minor Emergencies are typically handled on-site with support from the chain of command.	Fire controlled by extinguisher, oil spill controlled by site O&M staff, first aid injury addressed on-site, weather emergencies.
LEVEL 2 MODERATE EMERGENCY	Affects a significant area of the O&M Building or external area of a Site, such as a road or large group of individuals. Moderate Emergencies typically have some coordination performed by the chain of command in the Chicago office. Follow-up, investigation, and recovery actions may use Chicago staff on site.	Accident at power station requiring evacuation of the injured person using company resources, oil spill into the soil above 25 gallons or any waterway.

LEVEL	DESCRIPTION	EXAMPLE
LEVEL 3 MAJOR EMERGENCY	Affects a large portion of a Site, such as an entire circuit on a solar farm, an entire O&M Building, or a large group of individuals. Major Emergencies will have Chicago personnel dispatched to assist with coordination with regulatory agencies, media contacts, and external communication, investigations, and recovery efforts.	When the Fire Department, ambulance, helicopter transportation is called to site; toxic substance release with injuries.

6. DESCRIPTION OF THE FACILITIES

6.1. GEOGRAPHICAL LOCATION

Fort Bend Solar is located at 1432 FM 1952 Rd, East Bernard, TX 77435. This site operates 48 Ingeteam Ingecon Sun FSK U Power Stations (PS), 3 weather stations, and 0.3 miles of generation lead line.

Please view Appendix 3 for Power Station (PS) coordinates, weather stations, and generation lead line structures.

Please view Appendix 4 for the official site map.

6.2. ACCESS

Fort Bend Solar O&M Building is located 1.2 miles north of the intersection of Alt. US-90 and FM1952 in East Bernard, TX.

6.3. FLAMMABLE AND HAZARDOUS CONTENT OF THE FACILITIES

FLAMMABLE AND HAZARDOUS MATERIALS	
LOCATION	SUBSTANCE AND TYPICAL AMOUNT/MAX CAPACITY
MPT Total	MPT1, GA284A: 11973 gallons of mineral oil MPT2, GA392A: 11034 gallons of mineral oil
Grounding Transformers in Substation	357 gallons each (12) – 4284 gallons total of mineral oil
CCVT	12 gallons each (6) – 72 gallons total of mineral oil
SF_6 Circuit Breaker	96 pounds of SF_6 gas
SF_6 Circuit Switcher	11.4 pounds each (2) – 22.8 pounds total of SF_6 gas
Spare MV Transformer in substation	994 gallons of mineral oil
Station Service Transformer	76 gallons of mineral oil
Outside of O&M Building	30lbs tank on forklift and rack for 2 tanks; cooking grill with 2 tanks, propane
O&M Building parking lot	400 gallon fuel storage tank
Substation Control Room	Battery bank with 60 lead-acid batteries with 19 lbs. of electrolyte each
Inside warehouse	Flammable storage locker with various aerosols and cleaning agents
MV Transformer at each Power Station	994 gallons each (48) – 47712 gallons total of mineral oil

7. IDENTIFICATION OF EMERGENCY SITUATIONS

O&M BUILDING AND SUBSTATION POTENTIAL SOURCES OF EMERGENCIES

SOURCES OF DANGER	PLACE	POTENTIAL CAUSES
FIRE	Switch room (120V, 240V, 12kV, 34.5kV, 138kV), Outdoor transformer station area, office, shop or storage areas, surrounding grassland	Short circuit in isolator switches. Malfunction of MV or HV installation components. Electrical or oil fire in the surrounding area or inside. Grass fire not caused by generation facility's activity. Equipment failure or tall brush under an ideling vehicle. Improperly managed cutting or grinding of equipment.
EXPLOSION	HV electric components, Main Transformer Tank, Batteries, PMT, Grounding Transformers	Malfunctioning equipment, capacitor explosion, transformer explosion, combustible gas generation
ASPHYXIATING GASES	Main Transformer Tank, HV Circuit Breaker, Circuit Switchers	Combustible and oxygen displacing gas generation in the main transformer tank
INJURED PERSON	Inside O&M building, general grounds, substation	Various causes – material handling, caught between, slips trips and falls, lacerations, contusions, personal health, electrical shock, falls from heights, vehicle incidents, animal\insect bite.
OIL/FUEL SPILL	Shop or storage areas, Oil-filled transformers, and tanks	Oil drum or tote failure, spill while refueling vehicle, improper handling of containers, barrel or container punctures, improper storage, improper oil sampling, weld defects and corrosion on oil filled equipment.
FORCE MAJEURE	Substation, General Grounds	High wind speeds, lightning, tornados, hurricanes, blizzards, ice, earthquakes

PV FIELD POTENTIAL SOURCES OF EMERGENCIES

SOURCES OF DANGER	PLACE	POTENTIAL CAUSES
FIRE	PV String wiring, combiner box wiring, Power Station, Surrounding grassland	Short circuit in wiring Human error Short circuit in IGBT Grass fire/wildfire due to tall brush under an ideling vehicle Oil fire and/or electrical fire due to equipment failure Improperly managed cutting or grinding of equipment.
EXPLOSION	MV Transformer Operating switchgear cabinet	Capacitor explosion Short circuit
ASPHYXIATING GASES	MV Switchgear at Power Station	SF6 leak from MV switchgear

PV FIELD POTENTIAL SOURCES OF EMERGENCIES

SOURCES OF DANGER	PLACE	POTENTIAL CAUSES
INJURED PERSON	Power Station/Combiner Box/Tracker	Various causes – material handling, caught between, slips trips and falls, lacerations, contusions, personal health, electrical shock, fall from height
OIL SPILL	MV Transformer at Power Station	Failure of secondary containment to contain oil due to corrosion or other material defect. Failure of filter Misoperation of drain
LARGE CORRECTIVES	Power Station	Dropped objects Crane work associated risks Heavy machinery Improper lifting of Field Replacable Unit
FORCE MAJEURE	Power Station/PV field	High wind speeds, lightning, tornados, hurricanes, blizzards, earthquakes

8. GENERAL EMERGENCY RESPONSE SUPPLIES & MAINTENANCE PLAN

- First Aid Kits
- Eye Wash Station
- AEDs
- Fire Extinguishers
- Emergency Rescue Kit
- First Responder Kit
- Spill kits
- Packaged food, water, sleeping supplies for 5-days, 2-people
- See Hurricane plan for additional emergency response supplies

9. EMERGENCY STAFFING REQUIREMENTS

Please see Annex: EAP_PUCT_Emergency Staffing

10. SITE-SPECIFIC ACTIONS

10.1. MEDICAL EMERGENCIES

If outside emergency services (Fire Department, Police, Paramedics) are required:

Employees involved in the incident will call 911 (or designated emergency number) and contact the Regional Manager or designee. If the Regional Manager or designee is not available, contact the SOC main phone number: [redacted]. State type of emergency "Fire, Injury, Vehicle Incident, etc.", location, and severity of the incident.

When calling 911 (or designated emergency number), state: "I am with Fort Bend Solar LLC. We have a Fire/Medical Emergency/Vehicle Incident/etc. at the Fort Bend Solar LLC. Please have Emergency Medical Services go to (incident location – Power Station number, Substation, O&M Building, GPS coordinates, crossroad, etc.). (State the emergency incident and injury)"

Team Mobilization:

- Lead Technician or designee will proceed to the incident site to administer care and control of the incident.
- Lead Technician or designee to organize site and appoint site employee to communicate with EMS and to aid with the incident.
- Lead Technician or designee will assign site employee(s) to ensure a clear route to the incident site.
- Lead Technician or designee will post available site employees at locations as necessary.
- Lead Technician or designee will assign site employees to transport first responder kit to the incident site.
- Trained site incident responders will take appropriate first-aid measures.
- Upon the arrival of EMS, site personnel will provide any pertinent information regarding the condition or events surrounding the incident.
- The Regional Manager or designee shall notify the Chicago office chain of command (Director of PV Solar Operations, VP of Operations, or Director QSES) and the SOC. The first contact within the Chicago chain of command shall make notifications to the remainder of the Chicago staff including Communications and the CEO.
- The emergency contact of the injured will be informed of the incident, the status of the injured, and offered logistical support to reunite with the injured.

10.2. FIRE

In case of fire

- Push the emergency-stop button if you are at the power station and if it is physically safe to do so. Personnel should not approach the power station to push the emergency-stop button.
- Immediately clear the area; attempt to use fire-fighting equipment only to ensure a safe escape route from the power station.
- Isolate the sources of all electrical feeds.
- Establish a temporary clearance area and move upwind outside the clearance area, to a minimum distance of twenty (20) yards.
- Notify the site office who can contact local emergency responders and send mobile water tank to the location of the fire.
- The site office shall notify the Chicago office chain of command (Director of PV Solar Operations, VP of Production, or Director QSES) and the SOC. The first contact within the Chicago chain of command shall make notifications to the remainder of the Chicago staff including Communications and the CEO.
- Allow the power station to 'burn-out.'

- If possible and safe, wet down the surrounding area to limit the possibility of the fire spreading to surrounding vegetation. Be aware of dripping liquids that are assumed to be burning hot.
- Emergency crews must NOT use a stream of water to extinguish the flames. Foam or fogging may be used to help control the flames from spreading, but in the interests of safety, it is best to let the transformer/other equipment burn its course.

10.3. OIL/CHEMICAL SPILL

In the event of a large quantity of oil or chemical spill on-site (25-gallons) clean-up activities will be identified and the site Emergency Action Plan will be initiated. The first priority is to stop the spill if possible. The Environmental Manager or designee shall be notified as written in the Oil Spill Reporting Procedure The designated crew or outside contractor will begin clean-up operations under the direction of the Environmental Manager or designee.

All sites have a designated spill clean-up contractor for remediation duties that exceed the site's personnel and equipment to handle. All collected spill material must be handled in accordance with laws and regulations applicable to both the waste and the location. The QSES Department will assist with information concerning waste handling and proper disposal.

10.4. SUBSTATION TRANSFORMER INCIDENTS

If a substation transformer were to catch fire, personnel are to keep their distance, open the main breaker, notify local emergency response crews, and notify the SOC immediately. These actions should be concurrent if possible, but all must be completed upon discovery. . An incident command center shall be established by the Lead Technician or designee located at a safe distance upwind. Once site personnel are accounted for, while waiting for emergency crews, have the site initiate the EAP for fire and notify upper management. If possible, access spill kits and place matting, at a safe distance, where potential oil may drain.

When emergency crews arrive at the site, the Lead Technician or designee is to inform the crews of the situation while educating them on the hazards, ensure that emergency crews do not approach the substation. Crews must be escorted by the Lead Technician or designee who is most knowledgeable of the equipment.

Emergency crews must NOT use a stream of water to extinguish the flames. Foam or fogging may be used to help control the flames from spreading, but in the interests of safety, it is best to let the transformer/other equipment burn its course.

10.5. SEVERE WEATHER

Acciona sites utilizes a third-party weather monitoring service to receive weather related information, including but not limited to, alerts for severe weather. The forthcoming sections describe the actions to be taken based on the severe weather scenario.

10.5.1. TORNADO

If a tornado warning has been issued by the National Weather Service for the county in which the Acciona site is located or a warning issued by the local emergency management system, a verbal announcement will be made via radio system to technicians in the field and verbally to personnel in the O&M Building.

When the alarm is sounded or notification is given, employees must stop what they are doing and proceed to the O&M Building to their assigned tornado assembly area. The Lead Technician or designee shall account for all of the employees, contractors, and visitors once in the safe area. Upon arrival to the assigned assembly/tornado area, personnel should:

- Position themself in squatting, kneeling, or sitting position on the floor.
- Put their head down and cover their head with their hands.
- Stay quiet and calm until an all-clear is given.

If time permits the Lead Technician or designee will designate site personnel to:

- Shut down machinery and equipment.
- All non-essential utilities will be shut off.
- All doors and windows to the outside should be closed.

The Lead Technician or designee should monitor the radio for updates on the weather conditions.

If little or no warning is received, employees are to attempt to seek shelter in one of the designated safe areas. If this is not possible, employees should seek shelter under a table, desk, or heavy piece of equipment that offers protection from falling debris. If employees are unable to get to a place of shelter, evacuate the vehicle and find a ditch to lay flat and cover the head. Do not try to outrun a tornado in your vehicle.

The site office shall notify the Chicago office chain of command (Director of PV Solar Operations, VP of Production, or Director QSES) and the SOC. The first contact within the Chicago chain of command shall make notifications to the remainder of the Chicago staff including Communications and the CEO.

10.5.2. SEVERE STORMS, AND LIGHTING

Upon notification that severe weather reaches a radius of approximately 30 miles to the Acciona site, the Regional Manager or designee issues a radio, and/or verbal announcement to clear the solar farm site and return to the O&M Building.

When notified of lightning or approaching severe weather, employees must stop what they are doing and head to the O&M Building. If no warning is received, employees are to attempt to seek shelter in their vehicle. If outside far from a vehicle, site personnel will find a low-lying area or ditch, crouch down in catcher position, on the balls of your feet, with hands sheltering their head.

In wintertime before distancing yourself from your vehicle, look at the weather forecast. If there is a threat of a blizzard or winter storm, notify the Lead Technician, head back to the O&M building, and wait for it to pass.

The Lead Technician or designee will account for all of the employees, contractors, and visitors once in the safe area. If any person is unaccounted for, attempts will be made by normal means (radio, phone, physical visit to last known location) before reporting the missing person to the local authorities.

10.5.3. EARTHQUAKES

During an earthquake, Acciona team members should move to the most protective, advantageous location possible. If indoors, move under substantial furniture or on a door jamb. If outdoors, away from any potential falling objects and low to the ground.

10.5.4. HURRICANES

Please see Ft_Bend_Hurricane_Plan

10.5.5. EXTREME HOT OR COLD WEATHER EVENTS

An Extreme Hot Weather Event is defined by an announcement by ERCOT or PUCT. An Extreme Cold Weather Event is defined by an announcement by ERCOT or PUCT and for the site includes icing of the solar panels for over 24-hours. Please asee the Annex: Weather Emergency – Hot and Cold. A checklist is included in the Annex.

10.5.6. DROUGHT RESTRICTING WATER SUPPLIES

Please see Annex: Water Shortage

10.5.7. FLOODING

The response to flooding is included in the Fort Bend Hurricane Plan.

10.6. WORKPLACE VIOLENCE OR THREATS OF VIOLENCE

Bomb threats received by the site must be assumed to be real. The person taking the call shall keep the caller talking to uncover as many details as possible while notifying any other person for help. The second person shall notify 911 or local law enforcement and assist with any request. The SOC shall also be notified, if possible, during the call. If the bomb is in an area where Acciona personnel currently are located, the area shall be evacuated per this plan. If alone, take notes or record your end of the phone call (Form FUS05_GAE07006 may be used to take notes and organize information) and repeat as many details as possible from the caller to assist in the investigation.

Threats of violence or intimidation that are not immediate are against Acciona policy and will be processed in accordance with the Acciona disciplinary policies. Threats of violence that are immediate and credible require the immediate notification of local law enforcement and the protection of Acciona personnel from the threat. If possible, sheltering in place in a secure area until local law enforcement arrives is preferred. After local law enforcement has defused the incident, the personnel involved will be processed in accordance with Acciona policies.

Active shooting scenarios will be handled in accordance with the "Run, Hide, Fight" training. Immediate contact with local law enforcement is critical to resolving these situations

The site office shall notify the Chicago office chain of command (Director of PV Solar Operations, VP of Production, or Director QSES) and the SOC. The first contact within the Chicago chain of command shall make notifications to the remainder of the Chicago staff including Communications and the CEO.

11. WARNING AND COMMUNICATION SYSTEMS

All personnel must utilize Appendix 2 for all emergency communications. 911 (or designated #) call systems are utilized to initiate outside emergency response from law enforcement, fire department, and ambulance services. When calling local emergency response give location and nature of the emergency first.

Radios are the primary means of communication on the site under most circumstances. Cell phone communication is a secondary means of communication. Phone communication is the primary means of communication from the site to the chain of command with e-mail or text message as a secondary source.

Communications to the chain of command must be timely and concise. Initial communications shall be made as soon as the local situation is stabilized sufficiently to prevent further injury and to allow for coordination.

Initial communications to the chain of command should contain:

- Location and time of the incident.
- Names of injured, if any, including emergency contact
- Any local first response (ambulance, fire, police, etc.) and hospital, if appropriate
- Description of what occurred.
- Support needed.
- Whom to contact on-site for follow-up support.

The chain of command will avoid interfering with the initial response until contacted again by the site personnel with additional information. Support personnel may be dispatched to assist with the investigation and interface with any government representatives. All contact with local press or similar communication outlets shall be through MARCOMM and not by site personnel. In the event of a serious injury to Acciona employees, we will coordinate with the families to offer support and/or logistics to reunite the family at the hospital.

Communications to the Independent System Operator, ERCOT, or other regulatory entities will follow XXXX-XXXX to ensure timely communications in full compliance with regulations and other requirements.

12. EVACUATION PLAN

Primary muster point during an evacuation is the main gate by the O&M building. Secondary muster point during an evacuation is the main gate for the Old Plantation section, south of Alt. US-90.

If a Command Center is needed, the Lead Technician or designee will assist the Incident Commander with their local knowledge. This will include ease of access, relative safety, and wind direction.

Note: In the event of a hurricane that forces the evacuation of the site, the site's Hurricane Plan will be activated for the duration of the emergency. The response to emergencies during hurricane recovery will be conducted in accordance with this plan.

13. TRAINING AND DRILLS

The Regional Manager will review the Emergency Action Plan with employees on an annual basis. As part of that review, an annual Emergency Response Drill will occur to ensure that employees are trained and remain engaged and prepared. The Regional Manager, with input from Director of PV Solar Operations and the QSES Department, will choose the scenario to drill along with the scope of involvement from outside sources. After each drill, the Regional Manager will perform an evaluation and document the findings in the appropriate form, referenced below.

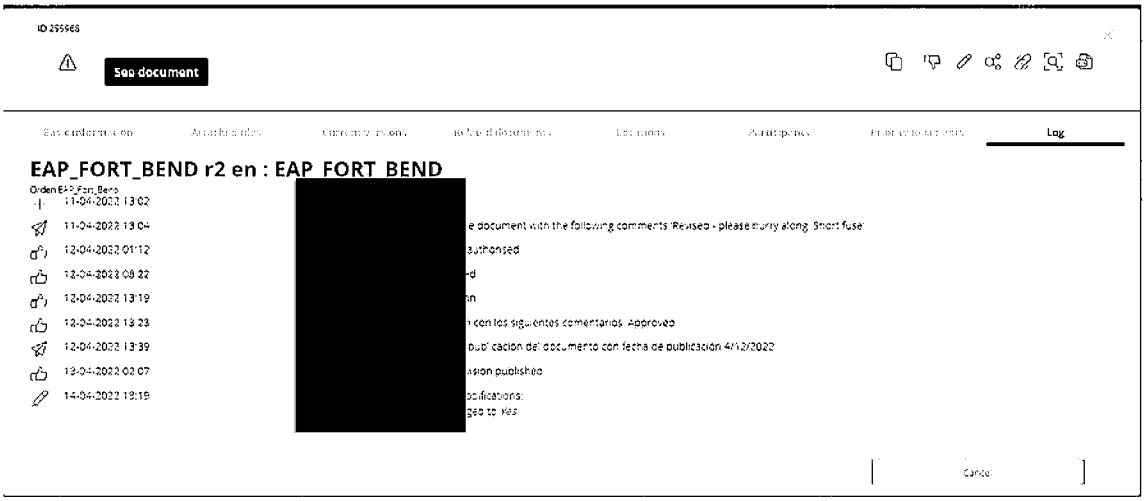
Two drills are held each year – one physical drill that involves a realistic rescue scenario and another that can be physical or a tabletop drill to evaluate knowledge and communications. One drill must test the Hurricane Plan. Communications during the drill whether verbal and written, shall start and end with: "This is a drill." On verbal communications inquire if the recipient has understood that a drill is occurring. The response should be" "I understand this is a drill."

All site personnel must be trained in CPR, First Aid, and AED.

14. RELATED DOCUMENTATION

CODE	TITLE
EAP_FORT BEND Ap 1,2	Ap 1 - Emergency Contact Information Graphic
EAP_FORT BEND Ap 1,2	Ap 2 - Emergency Contacts List
EAP_FORT BEND Ap 3	Power Station 911 addresses with latitude and longitude
EAP_FORT BEND Ap 4	Site map with evacuation muster points, power station locations, road and access points, O&M Building(s), and Substation(s) marked.
FUS05_GAE07006	Bomb Threat Form
FUS04_GAE07006	Drill Evaluation Form
FORT_BEND_HURRICANE_PLAN	Fort Bend Hurricane Plan
FT Bend dist annex	Distribution of the EAP and PUCT required documentation Annex
EAP_PUCT_Restoration of Service	Service Restoration Annex
EAP_PUCT_Secutity	Security – Physical and Cyber Annex
EAP_PUCT_Emergency Staffing	Emergency Staffing Annex
EAP_PUCT_Water Shortage	Water Shortage Annex
EAP_PUCT_Weather Emergencies	Weather Emergency – Hot and Cold Annex
N/A	UL Active Shooter Training - CBT

***NOTE**: Complete the table with the documentation, legislation, regulations, etc. that is relevant to the document.*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12-04-2022 08:32
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APPENDIX
COMMUNICATIONS PLAN

RECORD OF CHANGES

REV.	DATE	DESCRIPTION
01	Date	Brief descriptive text

INDEX (IF APPLICABLE)

1. PURPOSE

The purpose of this document is to detail emergency, regulatory and PUCT-applicable other commuinications plan for projects that fall under the jurisdiction of the Public Utility Commission of Texas (PUCT).

2. SCOPE

BUSSINESS LINE	☐ALL	APLICATION AREAS		☐ALL
☒ WIND POWER	☐ HYDRAULIC	☐ MANAGEMENT	☐ SUPPLY CHAIN	☐ ENGINEERING
☒ PV SOLAR	☐ BIOMASS	☐ FINANCIAL	☒ QSE+S	☐ CONSTRUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ COMMUNICATION	☐ GS	☐ INSTALLATION HANDOVER
☐ OFFICE		☐ HR	☐ R&D+i	☒ PRODUCTION
		☐ LEGAL	☐ DEVELOPMENT	☐ SOC (System Operation Center)
		☐ IT	☐ PROJECT MANAGEMENT	☐ ENERGY MANAGEMENT

3. DESCRIPTION

Any and all communications, including emergency communications, with the Reliability Coordinator (RC) will occur as outlined in AENA Standard ICP-003 Activity Planning, Coordination & Scheduling.

Other communications will be performed in accordance with A02_GAE07012 (as revised) Communication Matrix.

4. RELATED DOCUMENTATION

CODE	TITLE
N/A	PUCT16 TAC §25.53(d)(2)(B)
A02_GAE07012 r04	Communication Matrix
N/A	AENA Standard ICP-003 Activity Planning, Coordination & Scheduling

NOTE. *Complete this table with the documentation, legislation, regulations... that is related to the document.*

ID 255858

Basic information | Attached files | Current versions | Related documents | Locations | Participants | Priority Recipients | **Log**

EAP_PUCT_COMMUNICATIONS PLAN r1 en : COMMUNICATIONS PLAN ANNEX

Orden EAP_PUCT_Communications Plan

Request date	IMS validation date	Date of elaboration	Revision date	Approval date	Publication date	Cancellation date	Update date	Validation date
03-23-2022	03-31-2022	04-03-2022	04-03-2022	04-05-2022	04-07-2022		04-07-2022	

24-03-2022 07:01	[redacted]	e code with the following comments: Part of the EAP PUCT package for Texas plants
24-03-2022 13:27		ted the revision from the following request: '1194'
30-03-2022 18:43		horise the document
01-04-2022 01:32		vision authorised
03-04-2022 19:48		loped
04-04-2022 11:11		he revision
07-04-2022 12:53		evisión con los siguientes comentarios: Approved
07-04-2022 18:13		izar la publicación del documento con fecha de publicación 4/7/2022
08-04-2022 01:09		ion published

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ANNEX
EMERGENCY STAFFING

CONTROL

PREPARED	REVISED	APPROVED
[redacted]		
mm/dd/yyyy	mm/dd/yyyy	mm/dd/yyyy
[SIGNED]	[SIGNED]	[SIGNED]

For **DATA PROTECTION** the signatures are not visible. The original signed version is available, guarded by IMS.

RECORD OF CHANGES

REV.	DATE(mm/dd/yyyy)	DESCRIPTION
01	03/31/2022	Original Document.

1 PURPOSE

The purpose of this document is to detail the emergency response staffing plan for projects that fall under the jurisdiction of the Public Utility Commission of Texas (PUCT).

2 SCOPE

BUSSINESS LINE	☐ALL	APLICATION AREAS		☐ALL
☒ WIND POWER	☐ HYDRAULIC	☐ MANAGEMENT	☐ SUPPLY CHAIN	☐ ENGINEERING
☒ PV SOLAR	☐ BIOMASS	☐ FINANCIAL	☒ QSE+S	☐ CONSTRUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ COMMUNICATION	☐ GS	☐ INSTALLATION HANDOVER
☐ OFFICE		☐ HR	☐ R&D+i	☒ PRODUCTION
		☐ LEGAL	☐ DEVELOPMENT	☐ SOC (System Operation Center)
		☐ IT	☐ PROJECT MANAGEMENT	☐ ENERGY MANAGEMENT

3 DESCRIPTION

Acciona's operating renewable energy projects are staffed throughout the year for conducting mainteance and repair of the facility. In the event of an emergency, maintenance and corrective work will be halted and crews will be redirected to assist with any emergency needs for the site. No additional staffing changes are needed to account for emergency situations.

4 RELATED DOCUMENTATION

CODE	TITLE
N/A	PUCT16 TAC §25.53(d)(4)

NOTE. *Complete this table with the documentation, legislation, regulations... that is related to the document.*

ID 255547

Basic information | Attached files | Current versions | Related documents | Locations | Participants | Priority Recipients | **Log**

EAP_PUCT_EMERGENCY STAFFING r1 en : EMERGENCY STAFFING ANNEX

Orden EAP_PUCT_Emergency Staffing

Request date	IMS validation date	Date of elaboration	Revision date	Approval date	Publication date	Cancellation date	Update date	Validation date
03-22-2022	03-28-2022	03-28-2022	03-28-2022	03-29-2022	03-29-2022		03-30-2022	

24-03-2022 08:57	[redacted]	de with the following comments: Part of the EAP PUCT package for Texas plants
24-03-2022 13:29	[redacted]	the revision from the following request: '1193'
29-03-2022 09:00	[redacted]	ollowing modifications: er has changed to *Ritger, Andrew* nors has changed to *Ritger, Andrew*
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30-03-2022 14:04	[redacted]	r la publicación del documento con fecha de publicación 3/30/2022
31-03-2022 03:08	[redacted]	ublished

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ANNEX
WEATHER EMERGENCY – HOT AND COLD

CONTROL

PREPARED BY	REVISED BY	APPROVED BY
[redacted]		
03-31-2022	04-04-2022	04-07-2022
[SIGNATURE]	*[SIGNATURE]*	*[SIGNATURE]*

*The signed original is kept by **ACCIONA**.*

RECORD OF CHANGES

REV.	DATE	DESCRIPTION

CONTENTS

1. PURPOSE

The purpose of this Annex is to detail operational plans for both hot and cold weather emergencies to comply with the Public Utility Commission of Texas

2. SCOPE

This applies to (Site Name) for hot or cold weather emergencies not related to hurricanes or storms. Those events are covered in the Hurricane Plan and the Emergency Action Plan.

TECHNOLOGIES APPLIED		PROCESSES APPLIED TO		
	☐ ALL			☐ ALL
☒ WIND POWER	☐ HYDRAULIC	☐ MANAGEMENT	☒ QSE+S	☐ INSTALLATION HANDOVER
☒ PV SOLAR	☐ BIOMASS	☐ FINANCIAL	☐ GS	☒ PRODUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ COMMUNICATION	☐ R&D+i	☐ O&M ENGINEERING
☐ ENERGY STORAGE		☐ HR	☐ DEVELOPMENT	☐ *SOC (SYSTEM OPERATION CENTER)*
☐ HYDROGEN		☐ LEGAL	☐ PROJECT MANAGEMENT	☐ ENERGY MANAGEMENT
☐ OFFICE		☐ IT	☐ ENGINEERING	☐ DISTRIBUTED GENERATION
		☐ SUPPLY CHAIN	☐ CONSTRUCTION	☐ ENERGY SERVICES

3. HOT WEATHER EVENTS

Accona's renewable energy assetes do not rely on water for cooling or other operating use. Hot weather may affect the closed-circuit cooling capability of the specific machinery. The site has been designed for hot weather conditions and the equipment does have the ability to shut down operations if the programmed operating temperature is exceeded. Under most conditions, the equipment will automatically restart or has the capability of being remotedly restarted after temperature return to safe operating parameters.

ACCIONA's safety policies include extreme heat as a parameter for employees operating the site. This policy includes heat monitoring, heat exposure time limitations, time of work scheduling, self-checking, buddy-checking, and heat illness first aid training.

Due to the design of the equipment, the distributed nature of the renewable energy asset, extreme hot weather events are not expected to be a significant factor in the operation and output of the site. The site is designed only for its (solar or wind operations) and cannot use any other fuel supply.

4. COLD WEATHER EVENTS

ACCIONA operates similar equipment to other power plants in the northern reaches of the North American continent. Cold weather has the potential to affect the wind turbine pitch systems through low-pressure nitrogen. Sufficient nitrogen stocks are maintained on site to facilitate recharging systems that are too low.

Icing events will follow the ACCIONA Energy Icing and Cold Weather protocols. Ice on the blades may cause an inbalance that will cause the turbine to stop operations until remotely restarted. In accordance with the policy, employees will not approach a turbine during ice shedding to avoid the injury risk.

Icing events on solar panels will affect the power generation capability of the plant until melted. The color and nature of the panels facilitate rapid melting under conditions expected in Texas, as demonstrated in the northern reaches of North America.

ACCIONA employees are trained in cold weather operations and injury prevention. This includes appropriate cold weather clothing, weather monitoring, and cold-related illness recognition and first aid treatment.

Due to the design of the equipment, the distributed nature of the renewable energy asset, extreme cold weather events are not expected to be a significant factor in the operation and output of the site. The site is designed only for its (solar or wind) operations and cannot use any other fuel supply.

5. LESSONS LEARNED FROM PREVIOUS EVENTS

Wind:

Maintain sufficient stocks of nitrogen bottles for recharing pitch system accumulators.

Defer maintenance until after system recovery from the emergency is complete.

Solar:

No lessons learned as the first seasonal cycle has not been observed.

6. EXTREME WEATHER CHECKLIST

Wind:

20-bottles compressed nitrogen for cold weather operations

Solar:

No supplies are necessary for weather extremes

7. RELATED DOCUMENTATION

CODE	TITLE
N/A	25.53(e)(2)(A)(i)-(iii)

***NOTE**: Complete the table with the documentation, legislation, regulations, etc. that is relevant to the document.*

ID 255917

Basic information | Attached files | Current versions | Related documents | Locations | Participants | Priority Recipients | **Log**

EAP_PUCT_WEATHER EMERGENCIES r1 en : HOT AND COLD WEATHER EMERGENCIES ANNEX

Orden EAP_PUCT_Weather Emergencies

Request date	IMS validation date	Date of elaboration	Revision date	Approval date	Publication date	Cancellation date	Update date	Validation date
03-23-2022	03-30-2022	03-30-2022	04-03-2022	04-06-2022	04-07-2022		04-10-2022	

	24-03-2022 07:56	[redacted] le with the following comments: Part of the EAP PUCT package for Texas plants
+	24-03-2022 13:20	[redacted] he revision from the following request: '1204'
	30-03-2022 19:16	[redacted] e the document
	31-03-2022 02:07	[redacted] n authorised
	31-03-2022 08:15	[redacted] llowing modifications: [redacted] er has changed to *Ritger, Andrew* [redacted] ors has changed to *Ritger, Andrew*
	31-03-2022 08:16	[redacted] signment as document owner
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	04-04-2022 11:16	[redacted] evision
	07-04-2022 12:52	[redacted] ón con los siguientes comentarios: Approved
	08-04-2022 08:51	[redacted] r la publicación del documento con fecha de publicación 4/8/2022
	11-04-2022 02:44	[redacted] evision published

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ANNEX
WATER SHORTAGE

CONTROL

PREPARED	REVISED	APPROVED
mm/dd/yyyy	mm/dd/yyyy	mm/dd/yyyy
[SIGNED]	[SIGNED]	[SIGNED]

For **DATA PROTECTION** the signatures are not visible. The original signed version is available, guarded by IMS.

RECORD OF CHANGES

REV.	DATE(mm/dd/yyyy)	DESCRIPTION
01	03/31/2022	Original document.

1 PURPOSE

The purpose of this document is to detail the response needed for a water shortage for projects that fall under the jurisdiction of the Public Utility Commission of Texas (PUCT)

2 SCOPE

BUSSINESS LINE	☐ALL	APLICATION AREAS		☐ALL
☒ WIND POWER	☐ HYDRAULIC	☐ MANAGEMENT	☐ SUPPLY CHAIN	☐ ENGINEERING
☒ PV SOLAR	☐ BIOMASS	☐ FINANCIAL	☒ QSE+S	☐ CONSTRUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ COMMUNICATION	☐ GS	☐ INSTALLATION HANDOVER
☐ OFFICE		☐ HR	☐ R&D+i	☒ PRODUCTION
		☐ LEGAL	☐ DEVELOPMENT	☐ SOC (System Operation Center)
		☐ IT	☐ PROJECT MANAGEMENT	☐ ENERGY MANAGEMENT

3 DESCRIPTION

Acciona's wind & photovoltaic energy projects are not dependant on water supplies to operate.

4 RELATED DOCUMENTATION

CODE	TITLE
N/A	PUCT 16 TAC §25.53(e)(2)(B) .

ID 255896

Basic Information | Attached files | Current versions | Related documents | Locations | Participants | Priority Recipients | Log

EAP_PUCT_WATER SHORTAGE r1 en : WATER SHORTAGE ANNEX

Orden EAP_PUCT_Water Shortage

24-03-2022 08:38	[redacted]	the code with the following comments: Part of the EAP PUCT package for Texas plants
24-03-2022 13:14		reated the revision from the following request: '1212'
30-03-2022 19:04		uthorise the document
31-03-2022 02:16		revision authorised
07-04-2022 12:36		veloped
07-04-2022 13:18		d the revision
07-04-2022 13:24		a revisión con los siguientes comentarios: Approved
07-04-2022 18:11		orizar le publicación del documento con fecha de puolicación 4/7/2022
08-04-2022 06:22		evision published

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ANNEX
RESTORATION OF SERVICE

CONTROL

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mm/dd/yyyy	mm/dd/yyyy	mm/dd/yyyy
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RECORD OF CHANGES

REV.	DATE(mm/dd/yyyy)	DESCRIPTION
01	03/31/2022	Original document.

1 PURPOSE

The purpose of this document is to describe the return to service post interruption for Acciona Energy's power generation sites under the jurisdiction of the Public Utility Commission of Texas (PUCT)

2 SCOPE

BUSSINESS LINE	☐ALL	APLICATION AREAS		☐ALL
☒ WIND POWER	☐ HYDRAULIC	☐ MANAGEMENT	☐ SUPPLY CHAIN	☐ ENGINEERING
☒ PV SOLAR	☐ BIOMASS	☐ FINANCIAL	☒ QSE+S	☐ CONSTRUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ COMMUNICATION	☐ GS	☐ INSTALLATION HANDOVER
☐ OFFICE		☐ HR	☐ R&D+i	☒ PRODUCTION
		☐ LEGAL	☐ DEVELOPMENT	☐ SOC (System Operation Center)
		☐ IT	☐ PROJECT MANAGEMENT	☐ ENERGY MANAGEMENT

3 DESCRIPTION

Acciona's generation facilities will follow the procedure AENA Standard ICP-002 Generation Facility Event Recognition, Analysis and Reporting for restoration of service in response to hazards or threats.

Restoration of individual generating units will be completed based on meeting the criteria or threshold(s) set forth in the remote reset criteria or on-call policy criteria, as applicable and appropriate.

4 RELATED DOCUMENTATION

CODE	TITLE
N/A	PUCT 16 TAC §25.53(e)(2)(C) .
N/A	AENA Standard ICP-002

NOTE. *Complete this table with the documentation, legislation, regulations... that is related to the document.*

ID 255865

Basic information | Attached files | Current versions | Related documents | Locations | Participants | Priority Recipients | **Log**

EAP_PUCT_RESTORATION OF SERVICE r1 en : RESTORATION OF SERVICE ANNEX

Orden EAP_PUCT_Restoration of Service

Request date	IMS validation date	Date of elaboration	Revision date	Approval date	Publication date	Cancellation date	Update date	Validation date
03-23-2022	03-30-2022	04-03-2022	04-03-2022	04-06-2022	04-07-2022		04-07-2022	

24-03-2022 08:33	[redacted] ode with the following comments: Part of the EAP PUCT package for Texas plants
24-03-2022 13:17	[redacted] d the revision from the following request: '1211'
30-03-2022 19:02	[redacted] ise the document
31-03-2022 02:17	[redacted] ion authorised
31-03-2022 08:17	[redacted] e following modifications: **vner** has changed to *Ritger, Andrew* **thors** has changed to *Ritger, Andrew*
03-04-2022 19:57	[redacted] bed
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07-04-2022 12:57	[redacted] isión con los siguientes comentarios: Approved
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08-04-2022 01:41	[redacted] n published

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ANNEX
PANDEMIC AND ENDEMIC

CONTROL

PREPARED	REVISED	APPROVED
mm/dd/yyyy	mm/dd/yyyy	mm/dd/yyyy
[SIGNED]	[SIGNED]	[SIGNED]

For **DATA PROTECTION** the signatures are not visible. The original signed version is available, guarded by IMS.

RECORD OF CHANGES

REV.	DATE(mm/dd/yyyy)	DESCRIPTION
01	03/31/2022	Original Document.

1 PURPOSE

The purpose of this document is to detail the Pandemic and Endemic Response for projects that fall under the jurisdiction of the Public Utility Commission of Texas (PUCT).

2 SCOPE

BUSSINESS LINE	☐ALL	APLICATION AREAS		☐ALL
☒ WIND POWER	☐ HYDRAULIC	☐ MANAGEMENT	☐ SUPPLY CHAIN	☐ ENGINEERING
☒ PV SOLAR	☐ BIOMASS	☐ FINANCIAL	☒ QSE+S	☐ CONSTRUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ COMMUNICATION	☐ GS	☐ INSTALLATION HANDOVER
☐ OFFICE		☐ HR	☐ R&D+i	☒ PRODUCTION
		☐ LEGAL	☐ DEVELOPMENT	☐ SOC (System Operation Center)
		☐ IT	☐ PROJECT MANAGEMENT	☐ ENERGY MANAGEMENT

3 DESCRIPTION

Acciona's Quality, Safety, Environment, and Sustainability Department monitors the CDC.gov website and county Public Health Departments for ongoing and new pandemic conditions. Disease-appropriate operating parameters, policies, and PPE are issued as detected. Acciona's specific policies and plans comply with OSHA 3990. Policies used to control the spread of COVID-19 included specific cleaning, PPE, air purification, vaccination promotion, and staff-pairing. The various policies have been dynamic, responding to local conditions and CDC guidance. The site is designed to operate without on-site intervention for significant periods to time with maintenance being deferred as necessary to promote human health. Remote operations are normal for nights and weekends.

Endemic operations are the same as normal operations with the potential of deferred maintenance for periods of time where full staffing is not possible. With a distributed generation capacity, the incremental loss of one generator is not significant for short term operations. For long term operations with significant long term staffing impacts, technicians from other sites or third-party contractors will supplement the local workforce.

4 RELATED DOCUMENTATION

CODE	TITLE
N/A	PUCT16 TAC §25.53(e)(2)(D)

NOTE. *Complete this table with the documentation, legislation, regulations... that is related to the document.*

ID 255862

Basic Information | Attached files | Current versions | Related documents | Locations | Participants | Priority Recipients | **Log**

EAP_PUCT_PANDEMIC RESPONSE r1 en : PANDEMIC RESPONSE ANNEX

Orden EAP_PUCT_Pandemic Response

Request date	IMS validation date	Date of elaboration	Revision date	Approval date	Publication date	Cancellation date	Update date	Validation date
03-23-2022	03-30-2022	04-03-2022	04-03-2022	04-06-2022	04-07-2022		04-07-2022	

24-03-2022 08:28	[redacted]	e code with the following comments: Part of the EAP PUCT package for Texas plants
24-03-2022 13:18	[redacted]	ted the revision from the following request: '1210'
30-03-2022 18:48	[redacted]	orise the document
31-03-2022 02:19	[redacted]	vision authorised
31-03-2022 08:17	[redacted]	he following modifications: owner has changed to *Ritger, Andrew* authors has changed to *Ritger, Andrew*
03-04-2022 19:52	[redacted]	oped
04-04-2022 08:59	[redacted]	he revision
07-04-2022 12:55	[redacted]	evisión con los siguientes comentarios: Approved
07-04-2022 18:13	[redacted]	zar la publicación del documento con fecha de publicación 4/7/2022
08-04-2022 01:23	[redacted]	ion published

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INSTRUCTION
HURRICANE PLAN FORT BEND SOLAR

CONTROL

PREPARED BY	REVISED BY	APPROVED BY
[redacted]		
04-13-2022	04-13-2022	04-13-2022
[SIGNATURE]	*[SIGNATURE]*	*[SIGNATURE]*

*The signed original is kept by **ACCIONA**.*

RECORD OF CHANGES

REV.	DATE	DESCRIPTION
01	03-31-2022	Original document
02	04-12-2022	Made into Site Specific Template

CONTENTS

1. PURPOSE

This Instruction sets Acciona Energy USA Global LLC (AEUG) planning and procedures for tropical weather events including hurricanes. This includes seasonal planning, drills, personnel safety, plant safety, reliability, service interruptions, and return to service. These instructions are also designed to comply with the requirements of Public Utility Commission of Texas (PUCT).

2. SCOPE

Fort Bend Solar's required actions to prepare, operate, shut down, evacuate, and restore services during a tropical storm or hurricane event cycle.

TECHNOLOGIES APPLIED		PROCESSES APPLIED TO		
☐ ALL		☐ MANAGEMENT	☒ QSE+S	☐ ALL
☐ WIND POWER	☐ HYDRAULIC	☐ FINANCIAL	☐ GS	☐ INSTALLATION HANDOVER
☒ PV SOLAR	☐ BIOMASS	☐ COMMUNICATION	☐ R&D+i	☒ PRODUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ HR	☐ DEVELOPMENT	☐ O&M ENGINEERING
☐ ENERGY STORAGE		☐ LEGAL	☐ PROJECT MANAGEMENT	☒ *SOC (SYSTEM OPERATION CENTER)*
☐ HYDROGEN		☐ IT	☐ ENGINEERING	☐ ENERGY MANAGEMENT
☐ OFFICE		☐ SUPPLY CHAIN	☐ CONSTRUCTION	☐ DISTRIBUTED GENERATION
				☐ ENERGY SERVICES

3. DEFINITIONS

- **Hurricane**

A hurricane is a tropical cyclone, the generic term for a low pressure system that generally forms in the tropics. A typical cyclone is accompanied by thunderstorms, and in the northern hemisphere, a counterclockwise circulation of winds near the earth's surface.

All Atlantic and Gulf of Mexico coastal areas are subject to hurricanes or tropical storms. Parts of the Southwest United States and the Pacific Coast experience heavy rains and floods each year from hurricanes spawned off Mexico. The Atlantic hurricane season lasts from June to November, with the peak season from mid-August to late October.

Hurricanes can cause catastrophic damage to coastlines and several hundred miles inland. Winds range from 74 to 155 miles per hour. Hurricanes and tropical storms can also spawn tornadoes and microburst's, create storm surges along the coast, and cause extensive damage from heavy rainfall.

Hurricanes are classified into five categories based on their wind speed, central pressure, and damage potential. Category Three and higher hurricanes are considered major hurricanes, although Categories One and Two are still extremely dangerous and warrant your full attention. Hurricane Ike was a category two hurricane which caused about $24 billion dollars in damage along the Texas coast on 9-13-2008.

CATEGORY	WINDS (MPH)
1	74-95
2	96-110
3	111-129
4	130-156
5	157+

NOTE: Category 1 hurricanes usually do not require evacuations. All hurricanes are dangerous. Each storm will require individual evaluation. Some Category 2 hurricanes have caused more damage than other Category 3 or 4 hurricanes.

- **Hurricane Watch**

  An announcement that hurricane conditions (sustained winds of 74 mph or higher) are possible within the specified coastal area. Because hurricane preparedness activities become difficult once winds reach tropical storm force, the hurricane watch is issued 48 hours in advance of the anticipated onset of tropical-storm-force winds.

- **Hurricane Warning**

  An announcement that hurricane conditions (sustained winds of 74 mph or higher) are expected somewhere within the specified coastal area. Because hurricane preparedness activities become difficult once winds reach tropical storm force, the hurricane warning is issued 36 hours in advance of the anticipated onset of tropical-storm-force winds. The warning can remain in effect when dangerously high water or a combination of dangerously high water and waves continue, even though winds may be less than hurricane force.

- **Hurricane Season**

  The normal hurricane season is from June 1st to November 30th each year. Throughout this plan, the term hurricane will refer to these dates.

- **Tropical Cyclone Public Advisory**

  The Tropical Cyclone Public Advisory contains a list of all current watches and warnings on a tropical or subtropical cyclone. It also gives the cyclone position in terms of latitude and longitude coordinates and distance from a selected land point or island, as well as the current motion. The advisory includes the maximum sustained winds in miles per hour and the estimated or measured minimum central pressure in millibars and inches. The advisory may also include information on potential storm tides, rainfall or tornadoes associated with the cyclone, as well as any pertinent weather observations.

  Public advisories for Atlantic tropical cyclones are normally issued every six hours at 04:00 CDT, 10:00 CDT, 16:00 CDT and 20:00 CDT (03:00 CST, 09:00 CST, 15:00 CST and 19:00 CST)

  Intermediate public advisories are issued every 3 hours when coastal watches or warnings are in effect. Additionally, special public advisories may be issued at any time due to significant changes in warnings or in the cyclone.

- **Tropical Storm**

  A tropical cyclone in which the maximum 1-minute sustained surface winds ranges from 34 to 63 knots (39 to 73 mph) inclusive.

4. RESPONSIBILITIES

The Fort Bend Solar Site Manager will form a Hurricane Preparedness Team. The team will follow guidelines set forth in this plan.

During hurricane season, a hurricane tracking map will be kept in the O&M building conference room/break area. Once the National Oceanic and Atmospheric Administration (NOAA) or National Hurricane Center (NHC) has announced a Topical Storm in the Atlantic Ocean or Gulf of Mexico basin that could impact the (Site Name) site, the storm will be tracked by the Hurricane Preparedness Team. NOAA and NHC are located on the Internet at www.nws.noaa.gov.

Weather alerts will be communicated to/from SOC to all personnel on site. On-call technicians shall call SOC when they arrive home after leaving site on completion of afterhours work during times of severe National Weather WarningsWrite.

5. HURRICANE PREPAREDNESS TEAM

The Hurricane Preparedness Team (Team) shall consist of sufficient trained members to physically complete its tasks.

The Team shall train annually with Hurricane Preparedness Plan prior to Hurricane Season.

The Team shall perform monthly site inspection during hurricane season. Monthly Site Inspections are documented using Enablon (software database) to evaluate the O&M warehouse, parking and staging area(s), secondary containment area(s), and electrical substation to identify and correct findings associated with preparing the site for hurricane conditions.

- The Site Manager shall schedule Team meetings based on monthly site audits and potential storm activity.
- The Site Manager shall designate appropriate emergency supplies, and storage location.
- The Site Manager shall sponsor an Annual Team Drill prior to the beginning of each hurricane season (May of each year). The Team drill shall consist of a table-top simulation of all stages of the Hurricane Preparedness Plan.
- Immediately following the Drill, the Team shall perform an initial site audit.
- The Team may request a revision of the Hurricane Plan after the annual drill and site audit if needed. All revision requests must be submitted to the Site Manager.

6. HURRICANE PREPAREDNESS STAGES

Stage 1

(Hurricane Advisory) NOAA or NHC has identified a tropical storm or hurricane in the Atlantic or Gulf of Mexico that has the potential to impact the area.

1. Management and site personnel begin tracking storm with the use of hurricane tracking map.
2. Review any action items or missing supplies identified at the last Site Inspection. Resolve as quickly as possible.

Stage 2

(Hurricane Advisory) NOAA or NHC has advised that a hurricane could impact the area within 108 hours.

1. The Site Manager shall call a meeting with the Hurricane Preparedness Team.
2. Team members will immediately complete the Hurricane Preparedness Plan Checklist. Specifically focusing and identifying any items that may become a projectile hazard during high winds.
3. The Site Manager will schedule pickup and removal of all trash containers from the site. Determine if removal of staged materials to be recycled is appropriate.
4. Team advises Site Management of any deficiencies found during completion of Checklist.

5. Deficiencies found during emergency audit of Checklist that can be immediately resolved utilizing the Team and dedicated supplies shall be addressed.
6. Storm tracking continues with the use of hurricane tracking map.

Stage 3

(Hurricane Advisory) NOAA or NHC has advised that a hurricane could impact the area within 96 hours.

1. The Team will ensure that evacuation vehicles are fueled.
2. The Team will ensure the portable generator(s) is tested and fueled.
3. The Team will board up vulnerable office windows at the O&M building with prefabricated plywood.
4. The Team will place any equipment and/or supplies onto shelving as needed in the O&M building, and oil storage containment areas.
5. All outdoor storage of lightweight or displacable materials will be moved and placed into the warehouse.
6. The Team will load all pre-determined essential assets and make ready for evacuation.
7. Storm tracking continues with the use of hurricane tracking map

Stage 4

(Hurricane Advisory) NOAA or NHC has advised that a hurricane could impact the area within 72 hours. Texas Department of Emergency Management or the (County Name) Emergency Management officials call for a general evacuation of the site area.

1. Employees not on the Hurricane Preparedness Team will be encouraged to evacuate from the hurricane affected area.
2. The (County Name) County Emergency Management team plans to activate their Emergency Operations Center at 72 hours before impact.
3. Hurricane Preparedness Team members will finalize site for hurricane impact. All supplies and equipment not secured in place shall be moved into warehouse.
4. The Site Manager, O&M management, and SOC will meet to discuss the condition/position of the WTG's or solar field, substation, O&M building, and warehouse as well as, the state the site will be left in for duration of the evacuation.
5. All personnel shall be ready to evacuate before 48 hours of landfall.
6. Prior to site evacuation, the Site Manager shall ensure both substation transformer secondary containments are inspected and drained if necessary.
7. Prior to site evacuation, the Site Manager shall ensure the O&M building, Oil Storage Containment area and Substation building are secured.

Stage 5

(Hurricane Watch - Hurricane Warning) NOAA or NHC has advised that a hurricane will impact the area within 48 hours.

ALL NON-ESSENTIAL PERSONNEL WILL BE OFF SITE.

1. All company and personal vehicles should be evacuated.
2. All rolling equipment should be brought into warehouse.

3. Turbines or solar field will be kept running as long as possible until they trip and will not reset, allowing them to yaw and pitch or track to create a low profile.
4. The SOC will be notified by Site Manager that site personnel will evacuate.
5. Once employees from the Hurricane Preparedness Team are at their evacuation destination, they shall notify their Manager and SOC of their evacuation location and any other new contact information if available.
6. The Hurricane Preparedness Team will evacuate to the Fort Bend County Emergency Operations Center. The Team will monitor the site for as long as possible and will attempt to maintain communications with the SOC.
7. Evacuated personnel will also contact their Site Manager on a daily basis to receive current status and return to work information.
8. No personnel are to return to the site until directed by the Site Manager either directly or via the SOC.

7. RESTORATION AFTER A STORM

1. The Hurricane Preparedness Team will be the initial response at the site level. Once Fort Bend County Emergency Management has given the "all clear," the Site Manager will coordinate the team's travel to O&M building and evaluate the condition of the building, communications, IT, and overall ability to conduct operations at the site.
2. Communications should be established with the SOC. A command-and-control center will be established in the O&M building if practical.
3. An initial assessment of the power plant should be made as conditions allow. Flooding and damage to roads that will preclude access to all areas of the power plant is likely. The initial assessment should gauge the amount of flooding, access road damage, damage to turbines or solar field, damage to substation and/or damage to O&M building. An initial report Damage Assessment should be generated along with any materials and manpower needs and communicated to the Acciona Energy O&M management team. After the Initial Report is received, a meeting should take place with Site Manager and Acciona Energy leadership to determine timeline for retuning windfarm back to service. The result of this meeting is a Return to Service Plan.
4. A timeline for safe return of personnel to the site should be established.
5. After the Return to Service Plan is generated, the plan shall be communicated to the SOC.
6. It may be necessary to request emergency help from Acciona management around manpower or specialty services around repairs and check-out of substation. This may include requesting Transmission and Distribution (T&D) Storm Teams be sent to the site from the local utility company or third-party contactors.
7. Re-energization of site assets will only take place after approval is given by the Site Manager and the SOC.

8. DATA RETENTIONTION

Any emails and/or documentation associated with the implementation of this procedure shall be kept on InterAcciona in the following location:

InterAcciona Location:

Collaboration > Construction & Services > O&M > O&M Reporting > Site Hurricane Operating Plan

9. TRAINING

Training on this Hurricane Preparedness Plan as well as the Fort Bend Solar Emergency Action Plans will be conducted each year during the month of May. The results of the drill will be recorded on the Drill Evaluation Form. Corrective Actions shall be entered into Enablon and tracked until resolution.

10. DRILLS

A sitewide drill will be conducted on the Emergency Action Plan and the Hurricane Plan during the month of May every year.

11. HURRICANE PLAN REVIEW

This procedure shall be reviewed on an annual basis, after each drill or implementation, as necessary due to external compliance requirement(s) changes, or AEUG operating changes.

The Site Manager will be the responsible party to ensure that this review occurs when required. This review will include, but is not limited to the following:

1. All Compliance Requirement(s) included in this procedure will be reviewed to ensure that they are still the appropriate and applicable.
2. All contact information associated with this procedure shall be verified to ensure they are operational and accurate.
3. All personnel or parties included in this procedure will be reviewed to ensure that they are still the appropriate personnel or parties for their required role in this procedure.

12. RELATED DOCUMENTATION

CODE	TITLE
Insert Site EAP	Fort Bend Solar Emergency Action Plan
N/A	Public Utility Commission of Texas Electric Substantive Rules §25.53
N/A	National Weather Service Glossary
N/A	National Hurricane Center
N/A	Fort Bend County Emergency Management
Pending	Fort Bend Solar Hurricane Plan Checklist

***NOTE**: Complete the table with the documentation, legislation, regulations, etc. that is relevant to the document.*

ID 256008

Basic information | Attached files | Current versions | Related documents | Locations | Participants | Priority Recipients | **Log**

FORT_BEND_HURRICANE_PLAN r1 en : FORT_BEND_HURRICANE_PLAN

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+	12-04-2022 14:18	[redacted]reated the revision from the following request: '1279'
✈	13-04-2022 08:58	[redacted]sked to authorise the document
✎	13-04-2022 09:03	[redacted]did the following modifications: [redacted]changed to *Emergency*
👍	13-04-2022 09:03	[redacted]evision authorised
👍	13-04-2022 09:20	[redacted]ped
👍	13-04-2022 10:34	[redacted]evision
👍	13-04-2022 10:51	[redacted]d
✈	13-04-2022 10:53	[redacted]ar la publicación del documento con fecha de publicación 4/13/2022
👍	13-04-2022 15:55	[redacted]Revision published

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APPENDIX
PHYSICAL AND CYBER SECURITY

CONTROL

PREPARED BY	REVIEWED BY	APPROVED BY
[redacted]		
04-13-2022	04-13-2022	04-13-2022
[SIGNATURE]	*[SIGNATURE]*	*[SIGNATURE]*

*The signed original is kept by **ACCIONA**.*

RECORD OF CHANGES

REV.	DATE	DESCRIPTION

CONTENTS

1. PURPOSE

The purpose of this document is to describe the method of compliance with the PUCT requirements for both physical and cyber security of Acciona Energy's Texas power generation assets.

2. SCOPE

TECHNOLOGIES APPLIED		PROCESSES APPLIED TO		
☐ ALL		☐ MANAGEMENT	☒ QSE+S	☐ ALL
☒ WIND POWER	☐ HYDRAULIC	☐ FINANCIAL	☐ GS	☐ INSTALLATION HANDOVER
☒ PV SOLAR	☐ BIOMASS	☐ COMMUNICATION	☐ R&D+i	☒ PRODUCTION
☐ SOLAR FARM	☐ SOLAR THERMAL	☐ HR	☐ DEVELOPMENT	☐ O&M ENGINEERING
☐ ENERGY STORAGE		☐ LEGAL	☐ PROJECT MANAGEMENT	☒ *SOC (SYSTEM OPERATION CENTER)*
☐ HYDROGEN		☐ IT	☐ ENGINEERING	☐ ENERGY MANAGEMENT
☐ OFFICE		☐ SUPPLY CHAIN	☐ CONSTRUCTION	☐ DISTRIBUTED GENERATION
				☐ ENERGY SERVICES

3. DESCRIPTION

AENA generation facilities will follow the procedures for phyicaly, and cyber security developed to adhere to the requirements prescribed in the North American Electric Reliablity Corporation (NERC) Critical Infrastructure Protection (CIP) standards and AENA Standard EOP-004 related documentation.

4. RELATED DOCUMENTATION

CODE	TITLE
N/A	PUCT 16 TAC §25.53 €(2)(F)
N/A	PUCT 16 TAC §25.53€(2)(G)
N/A	NERC CIP Standards
N/A	AENA STANDARD EOP-004

***NOTE**: Complete the table with the documentation, legislation, regulations, etc. that is relevant to the document.*

ID 255995

Basic information | Attached files | Current versions | Related documents | Locations | Participants | Priority Recipients | **Log**

EAP_PUCT_SECURITY r1 en : EAP_PUCT_SECURITY

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11-04-2022 12:41	[redacted]	with the following comments: Tied to the entire PUCT series
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13-04-2022 06:35		
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13-04-2022 08:07		ó a autorizar la publicación del documento con fecha de publicación 4/13/2022
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