

ALL		Reliability	Facilities	Secure onsite storage units (tie down if possible)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL		Reliability	Facilities	Inspect and drain oil spill secondary containment areas	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	Remove hazardous chemicals from site	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	Empty and secure trash containers and dumpsters	Just in Time	Normal	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	Protect water and gas mains from extreme cold	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Facilities	ANNUAL WINTER O&M MAINTENANCES	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	MONTHLY O&M HVAC CHECKS (including filters)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Facilities	QUARTERLY HVAC O&M INSPECTION (all units)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Routine Rounds	Maintain awareness of equipment conditions using planned walk arounds when weather extremes and damages do not present a hazard to personal safety (create custom checklist if needed per event).	Just in Time	N/A	Alert	Standby	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Security	Obtain security resources to guard site, as needed.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Security	Inspect and repair: Site fencing, gates, and barriers, e.g., cattle guards	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Security	Inspect and correct site fencing and gates	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT

ALL		Personnel Safety	Site Access - Means	Alternate Travel Means: Explore various means of travel to site if reliability of assets is critical. Determine which, if any, alternative means of travel are safe for the weather event.	Just in Time	N/A	N/A	Standby	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Site Access - Roads	Roads: Identify maintained roads/hwys and entrances to access site and roadways on site. Roads/hwys deemed safe for use in weather event will be evaluated and communicated. (High rescue vehicles, boats, etc.)	Just in Time	N/A	N/A	Standby	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: Facility access roads	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: Facility parking lot(s)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: Facility sidewalks, steps and entry ways	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: [Wind] String roads as needed	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: [Solar] Site roads as needed	Just in Time	N/A	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Staffing	Manpower: Determine schedule for personnel to be available on-site during the event. Consider adding additional stand-by techs to the schedule. (See also Weather Forecasting and Site Access Procedures)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Staffing	Establish timeline for safe return of onsite personnel with support of DER Management and EHS.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Staging - Equipment	Determine what equipment should be staged, inventoried and ready for each storm level.	Description Plan/Document	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Staging - Equipment	Ensure spare gasoline cans are filled in case of power outages	Just in Time	N/A	Alert	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT

ALL		Reliability	Staging - Vehicles	Equip Company trucks with tire cables for use in snow. Identify list of items to constitute an Emergency Response Kit. Describe when and how kits are deployed to company vehicle. Create checklist to inspect Emergency Response Kit. (Checklist also used to verify supplies for kits are inventoried on shelves. Include items to thaw frozen equipment/locks. See Action Item from AAR.)	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Staging - Vehicles	Stage company vehicles in pre-determined site-specific location	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Substation - Readiness	Check pressure on Switchyard MPTs, (seasonal)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Substation - Readiness	Inspect and repair: Substations and power stations	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Substation - Readiness	Inspect substations and correct weather related maintenance issues if needed	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Substation - Readiness	ANNUAL SUBSTATION GENERAL INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Substation - Readiness	MONTHLY SUBSTATION INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Substation - Readiness	QUARTERLY HVAC SUBSTATION INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Supplies - O&M	Provide stores of food, hygiene products, blankets, etc. at O&M bldg.	Description Plan/Document	Normal	N/A	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL		Safety & Reliability	Supplies - O&M	Identify, procure, and store emergency supplies.	Just in Time	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT

ALL		Personnel Safety	Supplies - O&M	FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Supplies - O&M	EMERGENCY RESPONSE EQUIPMENT ARK & SPEC PAC - QUARTERLY INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Supplies - Vehicle	Standards: Develop list of standard items that will constitute a Cold Weather Vehicle Kit (heat packs, water, blankets, gloves, boots, etc.). When and how to deploy. Create inspection checklist.	Description Plan/Document	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Supplies - Vehicle	Standards: Develop list of standard items that will constitute a HOT Weather Vehicle Kit (water, etc.). When and how to deploy. Create inspection checklist.	Description Plan/Document	Normal	N/A	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Supplies - Vehicle	Check vehicles are equipped with portable radios and spare batteries.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Supplies - Vehicle	Load vehicles with emergency supply kit. Consider adding items specific for site or anticipated weather conditions.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Supplies - Vehicle	Check and replace portable radios and spare batteries stored in vehicles	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Travel - Readiness	Provide instruction for "warm up" of vehicles before driving, (diesel block heaters)	Just in Time	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL		Safety & Reliability	Travel - Safety	Determine if you should deploy company vehicles for workers travel to/from site	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Weather Forecasting	Potential Impact: Determine if weather system will likely cause hazardous weather to site.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Weather Forecasting	Conditions: Monitor news for orders issued by state or community. (Check state police sites and WAZE for road conditions.)	Just in Time	N/A	Alert	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Weather Forecasting	Begin Extreme Weather or Storm event (Cold, Heat, Wind or Flood) tracking using projected paths from NWS on the Duke Energy Weather Center.	Just in Time	N/A	Alert	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Personnel Safety	Facilities	FIRE EXTINGUISHER - MONTHLY VISUAL INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Assets & Equipment	SELF CONTAINED EMERGENCY EYEWASH STATION - MONTHLY INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Assets & Equipment	MONTHLY SITE INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Assets & Equipment	SPCC CONTAINER AND SECONDARY CONTAINMENT - MONTHLY INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Assets & Equipment	SPCC SPILL RESPONSE EQUIPMENT - QUARTERLY INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Asset Reliability	Inspect site assets after emergency weather or storm event and generate damage return-to-service report that includes needed manpower and estimated return-to-service date.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Asset Reliability	Inspect and repair: Wind turbines or solar arrays	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Asset Reliability	Implement Site Weather Audit (applicable to type of weather event)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Asset Reliability	Identify technology-specific contractors with availability to support Extreme Weather or Storm preparations and anticipated post-event response	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Asset Reliability	Replenish inventory of non-perishable emergency supplies and equipment.	Just in Time	Normal	Alert	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Asset Reliability	Direct completion of outstanding PMs to protect critical equipment and ensure reliable operation during regional cold weather conditions	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL		Reliability	Asset Reliability	Direct WPT to complete specific Emergency Weather Audit.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Safety & Reliability	Asset Reliability	Complete a Cold Weather Audit of SSCs, equipment, and consumables requiring additional cold weather protective measures applicable to forecasted event, such as items that may freeze, become airborne, hazards that could be covered by snow, or items impacted by heavy icing or falling ice conditions	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Asset Reliability	Check remote functionality of wind turbines or solar arrays	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL		Reliability	Asset Reliability	Set up site manning and assignments to take place after Emergency Weather event passes	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Asset Reliability	Upon completion of final operations tasks, turn operation over to RCC for control and monitoring	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Asset Reliability	Verify substation relays are in remote operation mode	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL		Reliability	Asset Reliability	Inspect turbines or solar arrays and correct weather related maintenance issues if needed	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Asset Reliability	Confirm plans with suppliers for site restoration and repair services	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Asset Reliability	TRANSMISSION AND DISTRIBUTION POLE INSPECTIONS	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL WIND		Reliability	Asset Reliability	If wind speeds are exceeding 20 m/s on 10-minute average, then ensure site wind turbine generators are placed in idle shutdown (remote pause) until storm passes	Just in Time	Normal	N/A	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	Manager
Area 8		Reliability	Asset Reliability	VEGETATION MANAGEMENT - ANNUAL	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 8		Reliability	Asset Reliability	VEGETATION MANAGEMENT - MONTHLY	Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT

ALL		Reliability	Equipment - Critical	Consider requesting control burn or contract to cultivate/trench.	Just in Time	N/A	Alert	Standby	Activate	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Travel - Safety	Communicate Wild Fire Escape Plans for Personnel	Just in Time	Normal	Alert	Standby	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Travel - Safety	Develop Wild Fire Escape Plan for high risk work locations; consider having fire mock drill as part of the required quarterly drill.	Description Plan/D ocument	Normal	N/A	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Autogreasers	Scheduled PM	Normal	N/A	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Review open WO's and PMs; Ensure greasing was completed on Autolubers	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Review open WO's and PMs; Ensure greasing was completed on Pitch Rams	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Blades	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Main Bearings	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Yaw Bearings	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Generator Bearings	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Yaw Rings	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Yaw Pucks	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Yaw Gear	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Staging - Vehicles	ARI Maintenance - on-road vehicles; JIT Inspection?	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Staging - Vehicles	ARI Maintenance - off-road vehicles; JIT Inspection?	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Check for open WO's. Ensure scheduled maintenance including oil levels were completed on Pitch Rams.	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure oil levels were maintained on Main Bearing	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT

ALL WIND	Suzlon	Reliability	Equipment - Critical	Ensure oil levels were maintained on Rotor Lock Pin	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	Vestas	Reliability	Equipment - Critical	Ensure oil levels were maintained on Rotor Lock Pin	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure oil levels were maintained on Disc Brakes	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul]	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Ensure oil levels were maintained on Radiator fans	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Ensure oil levels were maintained on Back-up Generators	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Ensure PMs completed. Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul]	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Ensure ARI Vehicle Maintenance was completed. Perform visual check of oil and water levels.	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	ARI off-road vehicle Maintenance completed; JIT Inspection?	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Ensure PMs completed. Monitor SCADA Alerts; Check Glycol 50/50 level (If ABB Inverter, curtail at 122 D and shutdown at 140 D)	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	Vestas (V136)	Reliability	Equipment - General	Check water levels in cooling systems	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	Nordex??	Reliability	Equipment - General	Check water levels in cooling systems	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	Suzlon	Reliability	Equipment - General	Ensure PMs were completed on radiator fans	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	GE ??	Reliability	Equipment - General	Ensure PMs were completed on radiator fans	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - General	Ensure PMs were completed on generator fans	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - General	Ensure HVAC PMs on interbus structures completed: Check thermostats in cabinet (105+ temps; HVAC meets 20-25 degree change in temp; Avoid continuous restarts until temp lowers)	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT

ALL WIND		Reliability	Equipment - General	Ensure PMs were completed on nacelle fans	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure PMs completed. Monitor SCADA Alerts; Check Glycol 50/50 level (ABB Curtail at 122 D and shutdown at 140 D)	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure Monthly PMs completed check on Glycol 50/50 on Back-up Generators	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure ARI Maintenance completed; Inspect water in radiators and batteries	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure annual PMs of cooling systems were completed; Monitor SCADA Alerts and Curtailments	Just in Time	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure Monthly PMs of main power transformer completed; turn "on" to manual	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure Monthly PMs completed on Back-up Generators	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Check for open WO's. Ensure HVAC Quarterly PMs on substation A/C completed; Monitor Supervisory Alarm	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure HVAC Quarterly PMs on O&M A/C completed	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure HVAC Quarterly PMs of IT/SCADA room completed	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Personnel Safety	Supplies - O&M	Reorder and maintain water supply and electrolyte-replenishing fluids for forecast extreme heat	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Personnel Safety	Staging - Vehicles	Provide water and hydration for site workers.	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Personnel Safety	Communications	Ensure lighter clothing and apparel options worn by workers meet safety standards.	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Establish work rest and hydration protocol on hot and humid work days.	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Staffing	Allow time for workers to acclimate before working in hot environments.	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT

ALL		Personnel Safety	Communications	Discuss expected heat index and air quality conditions during daily Plan of the Day (POD) meetings and Pre-Job Brief initiation.	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Discuss locations of cooling shelters and areas available to workers	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Staffing	Determine activities to perform later when not in extreme heat or poor air quality	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Site Planner
ALL		Personnel Safety	Staffing	Determine adjustments to work shifts to minimize working during high heat hours	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Site Planner
ALL		Personnel Safety	Staffing	Determine ways to limit or mitigate high physical activities likely to last for long time periods	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Site Planner
ALL		Personnel Safety	Communications	Establish expectation that hydration monitor will be identified on PJB roles/responsibilities. (Establish buddy system to monitor each other for signs of heat stress (See Attachment 2, Recognizing Heat Illness, for signs of heat illness.)	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Establish hydration plan and means to remind workers to adequately hydrate (e.g., drinking water, electrolyte-replenishing fluids)	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Establish Hydration needs, e.g., drinking water, electrolyte-replenishing fluids	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Supplies - O&M	Ensure appropriate clothing and PPE available to reduce potential heat stressors and sun visors on hard hats	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Supplies - O&M	Provide sun visors for hard hats	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Equipment - Safety	Ensure no synthetic materials are being used in jobs with fire and electrical hazards. [Refer to DER Flame Resistant (FR) clothing requirements and uniform policy in AD-HS-ALL-0005, Personal Protective Equipment.]	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Establish expectation for use of sunscreen to minimize sunburn and skin damage.	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Reliability	Equipment - General	Check levels of water in unvented water tanks	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Personnel Safety	Supplies - O&M	Maintain inventory of sun visors, water coolers, sunscreen, cooling gators, ice? etc.	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager

ALL		Personnel Safety	Supplies - O&M	Ensure adequate supply of sunscreen is available	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Site Access - Roads	Monitor for road erosion. Reschedule/Stop Work when heavy rains/flooding make road erosion likely or existing.	Just in Time	Normal	Alert	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Assets & Equipment	Increase monitoring of ditches and ensure water is flowing during heavy rain/flooding conditions.	Just in Time	Normal	Alert	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL WIND		Reliability	Equipment - Critical	Check condition of collection line -- if vegetation is not mature, or site is new, more likely to be washed away and exposed during heavy rain/flooding. Take action to fill in as need determined.	Just in Time	N/A	Alert	Standby	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Facilities	Maintain roofing, windows, etc. to avoid leaks	JIT & Scheduled PM	Normal	Alert	N/A	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Facilities	Sandbag the doors/or use water activated barriers	Just in Time	N/A	N/A	Standby	N/A	N/A	N/A	N/A	N/A	Flood	Open	WPT
ALL		Reliability	Asset Reliability	Recovery Planning: Vegetation buffers die from heavy rain or flooding (can run above \$50K threshold)	Description Plan/Document	N/A	N/A	N/A	N/A	Recovery	N/A	N/A	N/A	Flood	Open	Manager
ALL		Reliability	Asset Reliability	Recovery Planning: Replacing culverts - \$50k)	Description Plan/Document	N/A	N/A	N/A	N/A	Recovery	N/A	N/A	N/A	Flood	Open	Manager
ALL		Personnel Safety	Communications	Increase communications on potential for Slips, trips, falls in wet conditions. (SIE has history of slippery platforms.)	Just in Time	N/A	Alert	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Communications	Communications with staff on road conditions; avoid roads until safe	Just in Time	N/A	N/A	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
Area 8-Mesteno		Reliability	Equipment - General	Ensure HVAC Met Tower (Radio Comms) (not operational today)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Supplies - Vehicle	Ensure vehicles are equipped with "Vehicle Recovery Kit" (ex: traction mats, claws for tires, traction boards, shovels, etc.)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT

ALL		Personnel Safety	Communications	If a full evacuation of the site is required due to life-threatening conditions, communicate to all employees and impacted stakeholders the need to evacuate the area using pre-determined evacuation routes.	Just in Time	N/A	N/A	Standby	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Staffing	If a full evacuation of the site was directed, verify site facilities are clear of personnel.	Just in Time	N/A	N/A	Standby	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager

SELECTION (Universal actions, Area, Technology , Site)	WIND TECHNOLOGY	PURPOSE	TYPE OF ACTION	ACTION PLAN ITEMS	TIME OF ACTIO N	SL-NORMAL?	SL-ALERT?	SL-STANDBY?	SL-ACTIVATE?	SL- RECOVERY?	EOP- COLD?	EOP- HEAT?	EOP- WIND?	EOP- FLOOD ?	ACTIO N STATU S	ASSIGN ED TO
ALL		Safety & Reliability	Assets & Equipment	Take damaged and dangerous equipment out of service and bring to safe condition after event. (return to service report)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Assets & Equipment	Confirm plans with suppliers, if any, for site restoration and repair services.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Assets & Equipment	Review resource needs for anticipated impact, such as pumps, generators, fuel trucks, cranes, with reasonable specificity, e.g., output, amperage (Add Action Plan Items if needed).	Just in Time	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Assets & Equipment	Provide Material Management with list of critical equipment to be pre-staged in safe location.	Description Plan/Document	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Assets & Equipment	Direct Material Management to procure critical equipment to be pre-staged in safe location.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Assets & Equipment	Communicate with identified contractors to direct staging at safe locations to support emergency weather response.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Assets & Equipment	Ensure propane tanks are protected from extreme cold and potentially high winds.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Assets & Equipment	Ensure propane tanks are protected from extreme cold and potentially high winds.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Communications	Plan, document and communicate expectations for employees to stay apprised of [cold, heat, flood, wind] weather impacts to operations. Update phone lists and email distribution lists.	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Personnel Safety	Communications	Ensure current road conditions are communicated to workforce.	Just in Time	N/A	N/A	N/A	Activate	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Communications	Communicate "next" actions for a weather event (Delayed Start, Modified schedules, etc.)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Communications	Communicate road/highways deemed safe for travel. If necessary for asset reliability, communicate alternative means of safe travel.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Communications	Updates: Notify Leadership of current situations, (daily updates)	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Communications	Updates: Notify Leadership of current situations, (daily periodic updates)	Just in Time	N/A	N/A	Standby	Activate	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Communications	Communicate and review return to service report with DESS Management and RCC.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Communications	If minor damage, provide DESS Management with daily updates until normal operations returned; If major damage then until damage assessment complete	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Communications	Communicate return to work instructions. Ensure onsite workers are aware of and comply with general safe work practices.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Communications	Communicate general safe work practices: Do not venture onto roads until advised roads are passable and safe.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Communications	Communicate general safe work practices: Look for downed power lines; avoid, if identified.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Communications	Communicate general safe work practices: Do not use electrical equipment that has been wet or damaged until repaired or approved for use by site Area Manager.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Personnel Safety	Communications	Communicate general safe work practices: Do not enter buildings, structures, or storage containers that appear to be unstable or unsafe due to: structural damage, fire damage, natural gas odor or flood water.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Communications	Ensure all employees, visitors and impacted stakeholders are informed of the potential storm and the change to Storm Level - Alert	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Communications	Ensure all employees will receive daily reports with extreme weather and storm tracking information from RCC.	Just in Time	Normal	Alert	Standby	Activate	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Communications	Confirm to Area/Team Manager completion of planned and scheduled Preventative Maintenance tasks (PMs) to protect critical equipment and ensure reliable operation during anticipated weather event.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Site Planner
ALL		Reliability	Communications	Identify and notify essential personnel required for emergency weather (storm) duty.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Communications	Remind employees to implement personal and family preparedness plans.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL		Reliability	Communications	Call initial meeting of site WPT and schedule future meetings based on emergency weather (storm) activity and Weather Audit results.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Communications	Ensure all employees, visitors and impacted stakeholders are informed of NWS issued Weather or Storm Watch and the change to Storm Level - Standby.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Communications	Inform all employees, visitors and impacted stakeholders when non-essential personnel should evacuate site.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL		Safety & Reliability	Communications	Direct personnel sheltering at home on how to receive daily information for return to work instructions	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL		Safety & Reliability	Communications	Ensure all employees, visitors and impacted stakeholders are informed of NWS issued Weather or Storm Warning and the change to Storm Level - Activate.	Just in Time	N/A	N/A	N/A	Activate	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Reliability	Consumables	Check that Diesel and propane levels are adequate. Tractor and winter equipment - fluids are prepared for cold temperatures, such as windshield washer.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Consumables	Ensure adequate supply of fuel for vehicles.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Equipment - Critical	Confirm completion of scheduled weather-related Preventative Maintenance activities in Maximo	Just in Time	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Site Planner
ALL		Reliability	Equipment - Critical	Review list of critical equipment and components. Identify if they are vulnerable to emergency weather temperatures or Storm conditions and what actions will be taken to protect those critical and vulnerable items. Add actions as needed. (Example list: Hydraulic stations, hydraulic reservoirs, heaters in communication cabinets and UPS, HVAC systems, secondary containments, outside flammable chemical cabinets, natural gas, grease, fire-sprinkler systems, windshield washer fluid; heat tracing for appropriate equipment.)	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Equipment - Critical	Visual check of all inverter cooling systems to ensure they are operating within spec. (per manufacturer's specifications). For ABB check the flux/coolant temp as compared to pressure gauge, (seasonal)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Equipment - Critical	Identify, procure, and store emergency equipment.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Equipment - Critical	SUBSTATION EMERGENCY GENERATOR - ANNUAL MAINTENANCE	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Equipment - Critical	SUBSTATION BACKUP GENERATOR - ANNUAL MAINTENANCE	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT

ALL		Personnel Safety	Equipment - Critical	SUBSTATION EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Equipment - Critical	SUBSTATION BACKUP GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Equipment - Critical	O&M BUILDING EMERGENCY GENERATOR - ANNUAL MAINTENANCE	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Equipment - Critical	O&M BUILDING EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Equipment - Critical	MONTHLY NERC IEEE 1188 VLA or IEEE 488 VLA BATTERY BANKS TESTING (As applicable. May be multiple battery banks.)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	QUARTERLY SUBSTATION IEEE 1188 or 488 VLA BATTERY TESTING	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Consider general equipment list of items vulnerable to freeze. May not be critical to operations but that would be an expense to replace (for example could break the motor -- weed sprayer stored outside). Add actions as needed.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Check and remove standing water from oil containment areas.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Equipment - General	Identify un-usable and damaged equipment and supplies and properly dispose of these items on as-needed basis.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Equipment - General	Place heat tracing where needed to prevent freeze damage	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Equipment - General	Cover sensitive equipment that is not removed during Evacuation with plastic.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT

ALL		Safety & Reliability	Equipment - General	Place rolling equipment in O&M Building or storage container or secure in place	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Equipment - General	MONTHLY PROPANE TANK INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Equipment - Safety	Check battery operated equipment; AEDs and other. Bring into shop when not in use. (Items with temperature limitations)	Just in Time	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Equipment - Safety	FACILITY FIRE PREVENTION & EHS - QUARTERLY WALKDOWN	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Equipment - Safety	FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Facilities	Take photographs or videos of property damage.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Facilities	Inspect and repair: Buildings and structures	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Facilities	Inspect and repair: Storage containers	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Facilities	Inspect and repair: Overhead doors for proper alignment, loose rollers and working locking devices	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Facilities	If structural damage is present, then turn off utilities until repairs are made.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Facilities	Before using water onsite, check with local authorities or have site well tested for contamination.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	Schedule and ensure trash container pickup and removal.	Just in Time	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT

ALL		Reliability	Facilities	Move indoors, or secure in place, vulnerable materials that are currently stored outdoors.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	Inspect buildings and structures and correct weather related maintenance issues if needed	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	Secure onsite storage units (tie down if possible)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL		Reliability	Facilities	Inspect and drain oil spill secondary containment areas	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	Remove hazardous chemicals from site	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	Empty and secure trash containers and dumpsters	Just in Time	Normal	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	Protect water and gas mains from extreme cold	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Facilities	ANNUAL WINTER O&M MAINTENANCES	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Facilities	MONTHLY O&M HVAC CHECKS (including filters)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Facilities	QUARTERLY HVAC O&M INSPECTION (all units)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Routine Rounds	Maintain awareness of equipment conditions using planned walk arounds when weather extremes and damages do not present a hazard to personal safety (create custom checklist if needed per event).	Just in Time	N/A	Alert	Standby	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT

ALL		Personnel Safety	Security	Obtain security resources to guard site, as needed.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Security	Inspect and repair: Site fencing, gates, and barriers, e.g., cattle guards	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Security	Inspect and correct site fencing and gates	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Site Access - Means	Alternate Travel Means: Explore various means of travel to site if reliability of assets is critical. Determine which, if any, alternative means of travel are safe for the weather event.	Just in Time	N/A	N/A	Standby	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Site Access - Roads	Roads: Identify maintained roads/hwys and entrances to access site and roadways on site. Roads/hwys deemed safe for use in weather event will be evaluated and communicated. (High rescue vehicles, boats, etc.)	Just in Time	N/A	N/A	Standby	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: Facility access roads	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: Facility parking lot(s)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: Facility sidewalks, steps and entry ways	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: [Wind] String roads as needed	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: [Solar] Site roads as needed	Just in Time	N/A	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Staffing	Manpower: Determine schedule for personnel to be available on-site during the event. Consider adding additional stand-by techs to the schedule. (See also Weather Forecasting and Site Access Procedures)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Staffing	Establish timeline for safe return of onsite personnel with support of DER Management and EHS.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Reliability	Staging - Equipment	Determine what equipment should be staged, inventoried and ready for each storm level.	Description Plan/Document	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Staging - Equipment	Ensure spare gasoline cans are filled in case of power outages	Just in Time	N/A	Alert	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Staging - Vehicles	Equip Company trucks with tire cables for use in snow. Identify list of items to constitute an Emergency Response Kit. Describe when and how kits are deployed to company vehicle. Create checklist to inspect Emergency Response Kit. (Checklist also used to verify supplies for kits are inventoried on shelves. Include items to thaw frozen equipment/locks. See Action Item from AAR.)	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Staging - Vehicles	Stage company vehicles in pre-determined site-specific location	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Substation - Readiness	Check pressure on Switchyard MPTs, (seasonal)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Substation - Readiness	Inspect and repair: Substations and power stations	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Substation - Readiness	Inspect substations and correct weather related maintenance issues if needed	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Substation - Readiness	ANNUAL SUBSTATION GENERAL INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Substation - Readiness	MONTHLY SUBSTATION INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Substation - Readiness	QUARTERLY HVAC SUBSTATION INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT

ALL		Personnel Safety	Supplies - O&M	Provide stores of food, hygiene products, blankets, etc. at O&M bldg.	Description Plan/Document	Normal	N/A	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL		Safety & Reliability	Supplies - O&M	Identify, procure, and store emergency supplies.	Just in Time	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Supplies - O&M	FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Supplies - O&M	EMERGENCY RESPONSE EQUIPMENT ARK & SPEC PAC - QUARTERLY INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Supplies - Vehicle	Standards: Develop list of standard items that will constitute a Cold Weather Vehicle Kit (heat packs, water, blankets, gloves, boots, etc.). When and how to deploy. Create inspection checklist.	Description Plan/Document	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Supplies - Vehicle	Standards: Develop list of standard items that will constitute a HOT Weather Vehicle Kit (water, etc.). When and how to deploy. Create inspection checklist.	Description Plan/Document	Normal	N/A	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Supplies - Vehicle	Check vehicles are equipped with portable radios and spare batteries.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Personnel Safety	Supplies - Vehicle	Load vehicles with emergency supply kit. Consider adding items specific for site or anticipated weather conditions.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Supplies - Vehicle	Check and replace portable radios and spare batteries stored in vehicles	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Travel - Readiness	Provide instruction for "warm up" of vehicles before driving, (diesel block heaters)	Just in Time	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL		Safety & Reliability	Travel - Safety	Determine if you should deploy company vehicles for workers travel to/fr site	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Safety & Reliability	Weather Forecasting	Potential Impact: Determine if weather system will likely cause hazardous weather to site.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Weather Forecasting	Conditions: Monitor news for orders issued by state or community. (Check state police sites and WAZE for road conditions.)	Just in Time	N/A	Alert	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Weather Forecasting	Begin Extreme Weather or Storm event (Cold, Heat, Wind or Flood) tracking using projected paths from NWS on the Duke Energy Weather Center.	Just in Time	N/A	Alert	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Facilities	FIRE EXTINGUISHER - MONTHLY VISUAL INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Assets & Equipment	SELF CONTAINED EMERGENCY EYEWASH STATION - MONTHLY INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Safety & Reliability	Assets & Equipment	MONTHLY SITE INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Assets & Equipment	SPCC CONTAINER AND SECONDARY CONTAINMENT - MONTHLY INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Assets & Equipment	SPCC SPILL RESPONSE EQUIPMENT - QUARTERLY INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Asset Reliability	Inspect site assets after emergency weather or storm event and generate damage return-to-service report that includes needed manpower and estimated return-to-service date.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Asset Reliability	Inspect and repair: Wind turbines or solar arrays	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Asset Reliability	Implement Site Weather Audit (applicable to type of weather event)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Asset Reliability	Identify technology-specific contractors with availability to support Extreme Weather or Storm preparations and anticipated post-event response	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Reliability	Asset Reliability	Replenish inventory of non-perishable emergency supplies and equipment.	Just in Time	Normal	Alert	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Asset Reliability	Direct completion of outstanding PMs to protect critical equipment and ensure reliable operation during regional cold weather conditions	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL		Reliability	Asset Reliability	Direct WPT to complete specific Emergency Weather Audit.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Asset Reliability	Complete a Cold Weather Audit of SSCs, equipment, and consumables requiring additional cold weather protective measures applicable to forecasted event, such as items that may freeze, become airborne, hazards that could be covered by snow, or items impacted by heavy icing or falling ice conditions	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Asset Reliability	Check remote functionality of wind turbines or solar arrays	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL		Reliability	Asset Reliability	Set up site manning and assignments to take place after Emergency Weather event passes	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Asset Reliability	Upon completion of final operations tasks, turn operation over to RCC for control and monitoring	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Reliability	Asset Reliability	Verify substation relays are in remote operation mode	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL		Reliability	Asset Reliability	Inspect turbines or solar arrays and correct weather related maintenance issues if needed	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Asset Reliability	Confirm plans with suppliers for site restoration and repair services	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Reliability	Asset Reliability	TRANSMISSION AND DISTRIBUTION POLE INSPECTIONS	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL WIND		Reliability	Asset Reliability	If wind speeds are exceeding 20 m/s on 10-minute average, then ensure site wind turbine generators are placed in idle shutdown (remote pause) until storm passes	Just in Time	Normal	N/A	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	Manager
Area 3		Reliability	Asset Reliability	QUARTERLY SITE COOLANT RESERVOIR INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 3		Reliability	Asset Reliability	EMERGENCY BACKUP GENERATOR	Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
GE 1.5 SLE	GE 1.5 SLE	Reliability	Asset Reliability	Form 1543: UPS SYSTEM CHECK (if applicable)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
GE 1.5 SLE	GE 1.5 SLE	Reliability	Asset Reliability	Form 1542: Visual Inspection Tower Access Area/Door Filters	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
GE 1.5 SLE	GE 1.5 SLE	Reliability	Asset Reliability	Form 1542: Visual Inspection DTA CABINETS - CABINET DOOR FILTERS	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
GE 1.5 SLE	GE 1.5 SLE	Reliability	Asset Reliability	Form 1543: REPLACE FILTERS - CONDITIONAL DTA CABINETS - CABINET DOOR FILTERS	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
GE 1.5 SLE	GE 1.5 SLE	Reliability	Asset Reliability	Form 1543: VISUAL INSPECTION COOLING SYSTEM	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
GE 1.5 SLE	GE 1.5 SLE	Reliability	Asset Reliability	Form 1546: REPLACE FILTERS CONDITION DTA CABINETS - CABINET DOOR FILTERS - CONDITIONAL	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
GE 1.5 SLE	GE 1.5 SLE	Reliability	Asset Reliability	Form 1546: VISUAL INSPECTION DTA CABINETS COOLING SYSTEM	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	ANNUAL BATTERY TESTING FOR SUB-STATIONS - BATTERY SYSTEM (BATTERIES AND CHARGER)	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	NERC VLA BATTERY (BANK A) 5 YEAR LOAD BANK TEST	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	NERC VLA BATTERY (BANK B) 5 YEAR LOAD BANK TEST	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	MONTHLY NERC IEEE 1188 VLA BATTERY TESTING BANK B	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	N/A	Open	WPT

Area 3-NOT		Reliability	Asset Reliability	ANNUAL NERC IEEE 1188 VLA BATTERY TESTING BANK B	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	QUARTERLY BACKUP GENERATOR MAINTENANCE WITH WARREN CAT	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	ANNUAL NERC IEEE 1188 VLA BATTERY TESTING BANK A	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	QUARTERLY BACKUP GENERATOR MAINTENANCE WITH WARREN CAT	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	QUARTERLY HVAC INSPECTION SERVER ROOM	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	QUARTERLY HVAC INSPECTION MAIN BUILDING	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	N/A	Open	WPT
Area 3-NOT		Reliability	Asset Reliability	MONTHLY TORNADO SHELTER INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Consider requesting control burn or contract to cultivate/trench.	Just in Time	N/A	Alert	Standby	Activate	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Travel - Safety	Communicate Wild Fire Escape Plans for Personnel	Just in Time	Normal	Alert	Standby	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Travel - Safety	Develop Wild Fire Escape Plan for high risk work locations; consider having fire mock drill as part of the required quarterly drill.	Description Plan/Document	Normal	N/A	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Autogreasers	Scheduled PM	Normal	N/A	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Review open WO's and PMs; Ensure greasing was completed on Autolubers	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT

ALL WIND		Reliability	Equipment - Critical	Review open WO's and PMs; Ensure greasing was completed on Pitch Rams	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Blades	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Main Bearings	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Yaw Bearings	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Generator Bearings	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Yaw Rings	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Yaw Pucks	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure greasing was completed on Yaw Gear	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Staging - Vehicles	ARI Maintenance - on-road vehicles; JIT Inspection?	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Staging - Vehicles	ARI Maintenance - off-road vehicles; JIT Inspection?	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Check for open WO's. Ensure scheduled maintenance including oil levels were completed on Pitch Rams.	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure oil levels were maintained on Main Bearing	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	Suzlon	Reliability	Equipment - Critical	Ensure oil levels were maintained on Rotor Lock Pin	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	Vestas	Reliability	Equipment - Critical	Ensure oil levels were maintained on Rotor Lock Pin	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - Critical	Ensure oil levels were maintained on Disc Brakes	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul]	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Ensure oil levels were maintained on Radiator fans	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT

ALL		Reliability	Equipment - Critical	Ensure oil levels were maintained on Back-up Generators	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Ensure PMs completed. Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul]	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Ensure ARI Vehicle Maintenance was completed. Perform visual check of oil and water levels.	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	ARI off-road vehicle Maintenance completed; JIT Inspection?	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	Ensure PMs completed. Monitor SCADA Alerts; Check Glycol 50/50 level (If ABB Inverter, curtail at 122 D and shutdown at 140 D)	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	Vestas (V136)	Reliability	Equipment - General	Check water levels in cooling systems	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	Nordex??	Reliability	Equipment - General	Check water levels in cooling systems	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	Suzlon	Reliability	Equipment - General	Ensure PMs were completed on radiator fans	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND	GE ??	Reliability	Equipment - General	Ensure PMs were completed on radiator fans	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - General	Ensure PMs were completed on generator fans	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - General	Ensure HVAC PMs on interbus structures completed: Check thermostats in cabinet (105+ temps; HVAC meets 20-25 degree change in temp; Avoid continuous restarts until temp lowers)	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL WIND		Reliability	Equipment - General	Ensure PMs were completed on nacelle fans	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure PMs completed. Monitor SCADA Alerts; Check Glycol 50/50 level (ABB Curtail at 122 D and shutdown at 140 D)	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure Monthly PMs completed check on Glycol 50/50 on Back-up Generators	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure ARI Maintenance completed; Inspect water in radiators and batteries	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT

ALL		Reliability	Equipment - General	Ensure annual PMs of cooling systems were completed; Monitor SCADA Alerts and Curtailments	Just in Time	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure Monthly PMs of main power transformer completed; turn "on" to manual	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure Monthly PMs completed on Back-up Generators	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Check for open WO's. Ensure HVAC Quarterly PMs on substation A/C completed; Monitor Supervisory Alarm	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure HVAC Quarterly PMs on O&M A/C completed	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - General	Ensure HVAC Quarterly PMs of IT/SCADA room completed	Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT
ALL		Personnel Safety	Supplies - O&M	Reorder and maintain water supply and electrolyte-replenishing fluids for forecast extreme heat	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Personnel Safety	Staging - Vehicles	Provide water and hydration for site workers.	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Personnel Safety	Communications	Ensure lighter clothing and apparel options worn by workers meet safety standards.	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Establish work rest and hydration protocol on hot and humid work days.	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Staffing	Allow time for workers to acclimate before working in hot environments.	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Personnel Safety	Communications	Discuss expected heat index and air quality conditions during daily Plan of the Day (POD) meetings and Pre-Job Brief initiation.	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Discuss locations of cooling shelters and areas available to workers	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Staffing	Determine activities to perform later when not in extreme heat or poor air quality	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Site Planner
ALL		Personnel Safety	Staffing	Determine adjustments to work shifts to minimize working during high heat hours	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Site Planner

ALL		Personnel Safety	Staffing	Determine ways to limit or mitigate high physical activities likely to last for long time periods	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Site Planner
ALL		Personnel Safety	Communications	Establish expectation that hydration monitor will be identified on PJB roles/responsibilities. (Establish buddy system to monitor each other for signs of heat stress (See Attachment 2, Recognizing Heat Illness, for signs of heat illness.)	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Establish hydration plan and means to remind workers to adequately hydrate (e.g., drinking water, electrolyte-replenishing fluids)	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Establish Hydration needs, e.g., drinking water, electrolyte-replenishing fluids	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Supplies - O&M	Ensure appropriate clothing and PPE available to reduce potential heat stressors and sun visors on hard hats	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Supplies - O&M	Provide sun visors for hard hats	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Equipment - Safety	Ensure no synthetic materials are being used in jobs with fire and electrical hazards. [Refer to DER Flame Resistant (FR) clothing requirements and uniform policy in AD-HS-ALL-0005, Personal Protective Equipment.]	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Communications	Establish expectation for use of sunscreen to minimize sunburn and skin damage.	Description Plan/Document	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Reliability	Equipment - General	Check levels of water in unvented water tanks	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	WPT
ALL		Personnel Safety	Supplies - O&M	Maintain inventory of sun visors, water coolers, sunscreen, cooling gators, ice? etc.	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Supplies - O&M	Ensure adequate supply of sunscreen is available	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL		Personnel Safety	Site Access - Roads	Monitor for road erosion. Reschedule/Stop Work when heavy rains/flooding make road erosion likely or existing.	Just in Time	Normal	Alert	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager

ALL		Reliability	Assets & Equipment	Increase monitoring of ditches and ensure water is flowing during heavy rain/flooding conditions.	Just in Time	Normal	Alert	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL WIND		Reliability	Equipment - Critical	Check condition of collection line -- if vegetation is not mature, or site is new, more likely to be washed away and exposed during heavy rain/flooding. Take action to fill in as need determined.	Just in Time	N/A	Alert	Standby	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Safety & Reliability	Facilities	Maintain roofing, windows, etc. to avoid leaks	JIT & Scheduled PM	Normal	Alert	N/A	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Safety & Reliability	Facilities	Sandbag the doors/or use water activated barriers	Just in Time	N/A	N/A	Standby	N/A	N/A	N/A	N/A	N/A	Flood	Open	WPT
ALL		Reliability	Asset Reliability	Recovery Planning: Vegetation buffers die from heavy rain or flooding (can run above \$50K threshold)	Description Plan/Document	N/A	N/A	N/A	N/A	Recovery	N/A	N/A	N/A	Flood	Open	Manager
ALL		Reliability	Asset Reliability	Recovery Planning: Replacing culverts - \$50k)	Description Plan/Document	N/A	N/A	N/A	N/A	Recovery	N/A	N/A	N/A	Flood	Open	Manager
ALL		Personnel Safety	Communications	Increase communications on potential for Slips, trips, falls in wet conditions. (SIE has history of slippery platforms.)	Just in Time	N/A	Alert	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Communications	Communications with staff on road conditions; avoid roads until safe	Just in Time	N/A	N/A	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Supplies - Vehicle	Ensure vehicles are equipped with "Vehicle Recovery Kit" (ex: traction mats, claws for tires, traction boards, shovels, etc.)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Communications	If a full evacuation of the site is required due to life-threatening conditions, communicate to all employees and impacted stakeholders the need to evacuate the area using pre-determined evacuation routes.	Just in Time	N/A	N/A	Standby	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL		Personnel Safety	Staffing	If a full evacuation of the site was directed, verify site facilities are clear of personnel.	Just in Time	N/A	N/A	Standby	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager

SELECTION (Inverter, Team, Site)	SOLAR TECHNOLOGY	PURPOSE	TYPE OF ACTION	ACTION PLAN ITEMS	TIME OF ACTION	SL- NORMAL?	SL-ALERT?	SL-STANDBY?	SL-ACTIVATE?	SL- RECOVERY?	EOP- COLD?	EOP- HEAT?	EOP- WIND?	EOP- FLOOD ?	ACTION STATUS	ASSIGN ED TO
ALL	N/A	Safety & Reliability	Assets & Equipment	Take damaged and dangerous equipment out of service and bring to safe condition after event. (return to service report)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Personnel Safety	Staffing	Reschedule/Stop Work when road erosion likely or existing	Just in Time	N/A	Alert	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Safety & Reliability	Facilities	Maintain roofing, windows, etc. to avoid leaks	Scheduled PM	Normal	Alert	N/A	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Personnel Safety	Communications	Increase communications on potential for Slips, trips, falls in wet conditions	Just in Time	Normal	Alert	Standby	Activate	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL SOLAR	N/A	Personnel Safety	Communications	Communications with staff on road conditions; avoid roads until safe	Just in Time	Normal	Alert	Standby	Activate	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Assets & Equipment	Confirm plans with suppliers, if any, for site restoration and repair services.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Asset Reliability	Identify technology-specific contractors with availability to support Winter Storm preparations and anticipated post-event response	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Asset Reliability	Replenish inventory of non-perishable emergency supplies and equipment.	Just in Time	Normal	Alert	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Asset Reliability	Direct completion of outstanding PMs to protect critical equipment and ensure reliable operation during regional cold weather conditions	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Asset Reliability	Check remote functionality of wind turbines or solar arrays	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Assets & Equipment	Ensure propane tanks are protected from extreme cold and potentially high winds.	Description/Plan	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL	N/A	Safety & Reliability	Communications	Plan, document and communicate expectations for employees to stay apprised of cold weather impacts to operations. Update phone lists and email distribution lists.	Description/Plan	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Communications	Ensure current road conditions are communicated to workforce.	Just in Time	N/A	N/A	N/A	Activate	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Safety & Reliability	Communications	Communicate "next" actions for a weather event (Delayed Start, Modified schedules, etc.)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Safety & Reliability	Communications	Communicate road/highways deemed safe for travel. If necessary for asset reliability, communicate alternative means of safe travel.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL SOLAR	N/A	Reliability	Asset Reliability	Test STOW position (if applicable)	Scheduled PM	N/A	Alert	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	Manager

ALL SOLAR	N/A	Reliability		Increase monitoring of ditches and ensure water is flowing; watch for heavy rain; DC Disconnects are low to the pad; pull and remove fuses from DC disconnects on the pad (Note: Murphy Farm vulnerability)	Just in Time	N/A	Alert	Standby	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Communications	Updates: Notify Leadership of current situations, (daily periodic updates)	Just in Time	N/A	N/A	Standby	Activate	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Communications	Communicate and review return to service report with DESS Management and RCC.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Communications	If minor damage, provide DESS Management with daily updates until normal operations returned; If major damage then until damage assessment complete	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Communications	Communicate return to work instructions. Ensure onsite workers are aware of and comply with general safe work practices.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Communications	Communicate general safe work practices: Do not venture onto roads until advised roads are passable and safe.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Communications	Communicate general safe work practices: Look for downed power lines; avoid, if identified.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Communications	Communicate general safe work practices: Do not use electrical equipment that has been wet or damaged until repaired or approved for use by site Area Manager.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Communications	Communicate general safe work practices: Do not enter buildings, structures, or storage containers that appear to be unstable or unsafe due to: structural damage, fire damage, natural gas odor or flood water.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Safety & Reliability	Asset Reliability	Direct C-WPT to complete specific Cold Weather Audit.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Safety & Reliability	Asset Reliability	Complete a Cold Weather Audit of SSCs, equipment, and consumables requiring additional cold weather protective measures applicable to forecasted event, such as items that may freeze, become airborne, hazards that could be covered by snow, or items impacted by heavy icing or falling ice conditions	Just in Time	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Assets & Equipment	SELF CONTAINED EMERGENCY EYEWASH STATION - MONTHLY INSPECTION	Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Assets & Equipment	Review resource needs for anticipated impact, such as pumps, generators, fuel trucks, cranes, with reasonable specificity, e.g., output, amperage (Add Action Plan Items if needed).	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Assets & Equipment	Provide Material Management with list of critical equipment to be pre-staged in safe location.	Description/Plan	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Assets & Equipment	Direct Material Management to procure critical equipment to be pre-staged in safe location.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Safety & Reliability	Communications	Ensure all employees, visitors and impacted stakeholders are informed NWS has issued a Cold Weather or Winter Storm Watch and the change to Storm Level - Standby	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Safety & Reliability	Communications	Inform all employees, visitors and impacted stakeholders when non-essential personnel should evacuate site.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager

ALL	N/A	Safety & Reliability	Communications	Direct personnel sheltering at home on how to receive daily information for return to work instructions	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Safety & Reliability	Communications	Ensure all employees, visitors and impacted stakeholders are informed NWS has issued a Cold Weather or Winter Storm Warning and the change to Storm Level - Activate	Just in Time	N/A	N/A	N/A	Activate	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Assets & Equipment	Communicate with identified contractors to direct staging at safe locations to support post-storm response.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Consumables	Ensure adequate supply of fuel for vehicles.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Equipment - Critical	Confirm completion of scheduled weather-related Preventative Maintenance activities in Maximo	Just in Time	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Site Planner
ALL	N/A	Reliability	Assets & Equipment	SPCC CONTAINER AND SECONDARY CONTAINMENT - MONTHLY INSPECTION	Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Equipment - Critical	Visual check of all inverter cooling systems to ensure they are operating within spec. (per manufacturer's specifications). For ABB check the flux/coolant temp as compared to pressure gauge, (seasonal)	JIT & Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Safety & Reliability	Equipment - Critical	Identify, procure, and store emergency equipment.	Just in Time	Normal	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL		Reliability	Equipment - Critical	SUBSTATION EMERGENCY GENERATOR - ANNUAL MAINTENANCE	Scheduled PM	Normal	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	SUBSTATION BACKUP GENERATOR - ANNUAL MAINTENANCE	Scheduled PM	Normal	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
ALL		Reliability	Equipment - Critical	O&M BUILDING EMERGENCY GENERATOR - ANNUAL MAINTENANCE	Scheduled PM	Normal	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Communications	Ensure all employees will receive daily reports with cold weather and storm tracking information from RCC.	Just in Time	N/A	Alert	Standby	Activate	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Communications	Remind employees to implement personal and family preparedness plans.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	QUARTERLY SUBSTATION IEEE 1188 or 488 VLA BATTERY TESTING	JIT & Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Communications	Updates: Notify Leadership of current situations. (daily updates)	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Equipment - General	Check and remove standing water from oil containment areas.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Equipment - General	Identify un-usable and damaged equipment and supplies and properly dispose of these items on as-needed basis.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Equipment - General	Place heat tracing where needed to prevent freeze damage	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Safety & Reliability	Equipment - General	Cover sensitive equipment that is not removed during Evacuation with plastic.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Safety & Reliability	Equipment - General	Place rolling equipment in O&M Building or storage container or secure in place	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Communications	Confirm to Area/Team Manager completion of planned and scheduled Preventative Maintenance tasks (PMs) to protect critical equipment and ensure reliable operation during anticipated weather event.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Site Planner

ALL	N/A	Reliability	Communications	Identify and notify essential personnel required for storm duty.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Safety & Reliability	Equipment - Safety	FACILITY FIRE PREVENTION & EHS - QUARTERLY WALKDOWN	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Facilities	Take photographs or videos of property damage.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Safety & Reliability	Facilities	Inspect and repair: Buildings and structures	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Safety & Reliability	Facilities	Inspect and repair: Storage containers	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Safety & Reliability	Facilities	Inspect and repair: Overhead doors for proper alignment, loose rollers and working locking devices	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Personnel Safety	Facilities	If structural damage is present, then turn off utilities until repairs are made.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Personnel Safety	Facilities	Before using water onsite, check with local authorities or have site well tested for contamination.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Communications	Call initial meeting of site C-WPT and schedule future meetings based on storm activity and Cold Weather Audit results.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Safety & Reliability	Communications	Ensure all employees, visitors and impacted stakeholders are informed of the potential storm and the change to Storm Level - Alert	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Facilities	Inspect buildings and structures and correct weather related maintenance issues if needed	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Facilities	Secure onsite storage units (ie down if possible)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL	N/A	Reliability	Facilities	Inspect and drain oil spill secondary containment areas	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Facilities	Remove hazardous chemicals from site	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Facilities	Empty and secure trash containers and dumpsters	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Facilities	Protect water and gas mains from extreme cold	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Consumables	Check that Diesel and propane levels are adequate. Tractor and winter equipment - fluids are prepared for cold temperatures, such as windshield washer.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Equipment - Critical	SUBSTATION EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS)	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
ALL		Personnel Safety	Equipment - Critical	SUBSTATION BACKUP GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS)	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Facilities	Maintain awareness of equipment conditions using planned walk arounds in weather extremes, (create custom checklist if needed per event)	Just in Time	N/A	N/A	N/A	Activate	N/A	Cold	N/A	N/A	N/A	Open	WPT

ALL	N/A	Personnel Safety	Security	Obtain security resources to guard site, as needed.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Safety & Reliability	Security	Inspect and repair: Site fencing, gates, and barriers, e.g., cattle guards	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Safety & Reliability	Security	Inspect and correct site fencing and gates	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Site Access - Means	Alternate Travel Means: Explore various means of travel to site if reliability of assets is critical. Determine which, if any, alternative means of travel are safe for the weather event.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Site Access - Roads	Roads: Identify maintained roads/hwys and entrances to access site and roadways on site. Roads/hwys deemed safe for use in weather event will be evaluated and communicated.	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: Facility access roads	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: Facility parking lot(s)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: Facility sidewalks, steps and entry ways	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: [Wind] String roads as needed	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Site Access - Roads	Clear snow and/or ice accumulations: [Solar] Site roads as needed	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Staffing	Manpower: Determine schedule for personnel to be available on-site during the event. Consider adding additional stand-by techs to the schedule. (See also Weather Forecasting and Site Access Procedures)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Staffing	Establish timeline for safe return of onsite personnel with support of DER Management and EHS.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Reliability	Staffing	Set up site manning and assignments to take place after Cold Weather or Winter Storm event passes	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Staging - Equipment	Determine what equipment should be staged, inventoried and ready for each storm level.	Description/Plan	N/A	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Staging - Equipment	Ensure spare gasoline cans are filled in case of power outages	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Staging - Vehicles	Equip Company trucks with tire cables for use in snow. Identify list of items to constitute an Emergency Response Kit. Describe when and how kits are deployed to company vehicle. Create checklist to inspect Emergency Response Kit. (Checklist also used to verify supplies for kits are inventoried on shelves. Include items to have frozen equipment/locks. See Action Item from AAR.)	Just in Time	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Staging - Vehicles	Stage company vehicles in pre-determined site-specific location	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT

ALL	N/A	Personnel Safety	Equipment - Critical	O&M BUILDING EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
ALL	N/A	Safety & Reliability	Substation - Readiness	Inspect and repair: Substations and power stations	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Substation - Readiness	Inspect substations and correct weather related maintenance issues if needed	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Substation - Readiness	ANNUAL SUBSTATION GENERAL INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Equipment - Critical	Review list of critical equipment and components. Identify if they are vulnerable to COLD temperatures or Winter Storm conditions and what actions will be taken to protect those critical and vulnerable items. Add actions as needed. (Example list: Hydraulic stations, hydraulic reservoirs, heaters in communication cabinets and UPS, HVAC systems, secondary containments, outside flammable chemical cabinets, natural gas, grease, fire-sprinkler systems, windshield washer fluid; heat tracing for appropriate equipment.)	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Equipment - Critical	MONTHLY NERC IEEE 1188 VLA or IEEE 488 VLA BATTERY BANKS TESTING (As applicable. May be multiple battery banks.)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Supplies - O&M	Provide stores of food, hygiene products, blankets, etc. at O&M bldg.	Description/Plan	Normal	N/A	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL	N/A	Reliability	Equipment - General	Consider general equipment list of items vulnerable to freeze. May not be critical to operations but that would be an expense to replace (for example could break the motor -- weed sprayer stored outside). Add actions as needed.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Safety & Reliability	Equipment - General	MONTHLY PROPANE TANK INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	Recovery	N/A	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Equipment - Safety	Check battery operated equipment; AEDs and other. Bring into shop when not in use. (Items with temperature limitations)	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Supplies - Vehicle	Standards: Develop list of standard items that will constitute a Cold Weather Vehicle Kit (heat packs, water, blankets, gloves, boots, etc.). When and how to deploy. Create inspection checklist.	Description/Plan	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Facilities	FIRE EXTINGUISHER - MONTHLY VISUAL INSPECTION	Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Facilities	Schedule and ensure trash container pickup and removal.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Safety & Reliability	Supplies - Vehicle	Check and replace portable radios and spare batteries stored in vehicles	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Facilities	Move indoors, or secure in place, vulnerable materials that are currently stored outdoors.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Facilities	MONTHLY O&M HVAC CHECKS (including filters)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Facilities	QUARTERLY HVAC O&M INSPECTION (all units)	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT

ALL	N/A	Personnel Safety	Weather Forecasting	Conditions: Monitor news for orders issued by state or community. (Check state police sites and WAZE for road conditions.)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Safety & Reliability	Facilities	ANNUAL WINTER O&M MAINTENANCES	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Substation - Readiness	Check pressure on Switchyard MPTs, (seasonal)	JIT & Scheduled PM	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Substation - Readiness	MONTHLY SUBSTATION INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Safety & Reliability	Assets & Equipment	MONTHLY SITE INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Substation - Readiness	QUARTERLY HVAC SUBSTATION INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Assets & Equipment	SPCC SPILL RESPONSE EQUIPMENT - QUARTERLY INSPECTION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Reliability	Asset Reliability	Inspect site assets after weather event and generate damage return-to-service report that includes needed manpower and estimated return-to-service date.	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Safety & Reliability	Asset Reliability	Inspect and repair: solar arrays	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Asset Reliability	Implement Site Weather Audit (applicable to type of weather event)	Just in Time	N/A	N/A	N/A	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Supplies - O&M	FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Supplies - O&M	EMERGENCY RESPONSE EQUIPMENT ARK & SPEC PAC - QUARTERLY INSPECTION	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
ALL	N/A	Safety & Reliability	Supplies - O&M	Identify, procure, and store emergency supplies.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Personnel Safety	Supplies - Vehicle	Load vehicles with emergency supply kit. Consider adding items specific for site or anticipated weather conditions.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Safety & Reliability	Supplies - Vehicle	Check vehicles are equipped with portable radios and spare batteries.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Safety & Reliability	Travel - Readiness	Provide instruction for "warm up" of vehicles before driving, (diesel block heaters)	Just in Time	Normal	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Asset Reliability	Set up site manning and assignments to take place after Cold Weather event passes	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Asset Reliability	Upon completion of final operations tasks, turn operation over to RCC for control and monitoring	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Asset Reliability	Verify substation relays are in remote operation mode	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL	N/A	Reliability	Asset Reliability	Inspect turbines or solar arrays and correct weather related maintenance issues if needed	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
ALL	N/A	Reliability	Asset Reliability	Confirm plans with suppliers for site restoration and repair services	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Asset Reliability	TRANSMISSION AND DISTRIBUTION POLE INSPECTIONS	Scheduled PM	Normal	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT

ALL	N/A	Safety & Reliability	Travel - Safety	Determine if you should deploy company vehicles for workers travel to/from site	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Safety & Reliability	Weather Forecasting	Potential Impact: Determine if weather system will likely cause hazardous weather to site.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Safety & Reliability	Weather Forecasting	Begin Cold Weather or Winter Storm event tracking using projected paths from NWS on the Duke Energy Weather Center.	Just in Time	N/A	Alert	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Communications	Ensure lighter clothing and apparel options worn by workers meet safety standards.	Description/Plan	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Communications	Establish work rest and hydration protocol on hot and humid work days.	Description/Plan	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Communications	Discuss expected heat index and air quality conditions during daily Plan of the Day (POD) meetings and Pre-Job Brief initiation.	Just in Time	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Communications	Discuss locations of cooling shelters and areas available to workers	Just in Time	N/A	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Communications	Establish expectation that hydration monitor will be identified on PJB roles/responsibilities. (Establish buddy system to monitor each other for signs of heat stress (See Attachment 2, Recognizing Heat Illness, for signs of heat illness.)	Just in Time	N/A	Alert	N/A	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Communications	Establish hydration plan and means to remind workers to adequately hydrate (e.g., drinking water, electrolyte-replenishing fluids)	Description/Plan	Normal	Alert	N/A	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Communications	Establish Hydration needs, e.g., drinking water, electrolyte-replenishing fluids	Just in Time	Normal	Alert	N/A	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Communications	Establish expectation for use of sunscreen to minimize sunburn and skin damage.	Description/Plan	Normal	Alert	N/A	N/A	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Equipment - Safety	Ensure no synthetic materials are being used in jobs with fire and electrical hazards. [Refer to DER Flame Resistant (FR) clothing requirements and uniform policy in AD-HS-ALL-0005, Personal Protective Equipment.]	Just in Time	Normal	N/A	N/A	N/A	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Staffing	Allow time for workers to acclimate before working in hot environments.	Just in Time	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Staffing	Determine activities to perform later when not in extreme heat or poor air quality	Just in Time	Normal	Alert	N/A	N/A	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Staffing	Determine adjustments to work shifts to minimize working during high heat hours	Just in Time	Normal	Alert	N/A	N/A	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Staffing	Determine ways to limit or mitigate high physical activities likely to last for long time periods	Just in Time	Normal	Alert	N/A	N/A	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Staging - Vehicles	Provide water and hydration for site workers.	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Supplies - O&M	Reorder and maintain water supply and electrolyte-replenishing fluids for forecast extreme heat	JIT & Scheduled PM	Normal	Alert	N/A	N/A	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Supplies - O&M	Ensure appropriate clothing and PPE available to reduce potential heat stressors and sun visors on hard hats	Just in Time	N/A	Alert	N/A	N/A	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Supplies - O&M	Provide sun visors for hard hats	Just in Time	N/A	Alert	N/A	N/A	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Supplies - O&M	Maintain inventory of sun visors, water coolers, sunscreen, cooling towels, ice? etc.	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Supplies - O&M	Ensure adequate supply of sunscreen is available	Just in Time	Normal	Alert	Standby	N/A	Recovery	N/A	Heat	N/A	N/A	Open	Manager

ALL	N/A	Personnel Safety	Travel - Safety	Communicate Wild Fire Escape Plans for Personnel	Just in Time	N/A	Alert	Standby	Activate	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Personnel Safety	Travel - Safety	Develop Fire Escape Plan for high risk work locations; consider having fire mock drill as part of the required quarterly drill.	Description/Plan	Normal	N/A	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL SOLAR	N/A	Personnel Safety	Equipment - Safety	Ensure lone worker devices are offered to lone workers (or other means of monitoring worker safety)	Just in Time	Normal	Alert	Standby	N/A	Recovery	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL SOLAR	N/A	Personnel Safety	Communications	Establish/Review emergency notification process for lone workers.	Description/Plan	Normal	N/A	N/A	N/A	N/A	Cold	Heat	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Supplies - O&M	Maintain fire breaks- cut vegetation, not trench: spray around roads, pad mounts/turbines to control weeds	JIT & Scheduled PM	N/A	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Extended Drought or Fire Hazard Warnings, Local Burn Bans, etc. (Red Flag Warning from Weather Group): Create fire breaks where none exist	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Consider requesting control burn or contract to cultivate/trench.	Just in Time	N/A	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul]	JIT & Scheduled PM	N/A	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure oil levels were maintained on Radiator fans	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure oil levels were maintained on Back-up Generators	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure PMs completed. Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul]	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure ARI Vehicle Maintenance was completed. Perform visual check of oil and water levels.	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	ARI off-road vehicle Maintenance completed; JIT Inspection?	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure PMs completed. Monitor SCADA Alerts; Check Glycol 50/50 level (ABB Curtail at 122 D and shutdown at 140 D)	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure Monthly PMs completed check on Glycol 50/50 on Back-up Generators	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure ARI Maintenance completed; Inspect water in radiators and batteries	Just in Time	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure annual PMs of cooling systems were completed; Monitor SCADA Alerts and Curtailments	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure Monthly PMs of main power transformer completed; turn "on" to manual	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure Monthly PMs completed on Back-up Generators	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Check for open WO's. Ensure HVAC Quarterly PMs on substation A/C completed; Monitor Supervisory Alarm	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure HVAC Quarterly PMs on O&M A/C completed	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Ensure HVAC Quarterly PMs of IT/SCADA room completed	Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Check levels of water in unvented water tanks	Just in Time	N/A	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Assign staff to escort firemen and response vehicles	Just in Time	N/A	N/A	N/A	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager

ALL	N/A	Reliability	Equipment - Critical	Park work trucks on roads/not on grassy areas (watch for clearance to vegetation, ie tail pipes)	Description/Plan	N/A	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Identify water staging location(s) for fire department tanker trucks	Just in Time	N/A	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Establish local vendor who could supply water tankers in addition to fire department	Description/Plan	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	Prepare water staging location(s) for tanker trucks, such as unlocking gates.	Just in Time	N/A	Alert	Standby	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Reliability	Equipment - Critical	ARI Maintenance - on-road vehicles; JIT Inspection?	JIT & Scheduled PM	Normal	Alert	N/A	N/A	N/A	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Safety & Reliability	Equipment - Critical	Monitor news sources for awareness of regional and local hot weather conditions. Listen for Drought warnings, Fire Hazard Warnings, Burn Bans, etc. Watch for Red Flag Warning from Duke Weather Group.	Just in Time	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL	N/A	Safety & Reliability	Equipment - Critical	Monitor wild fires when receiving a Red Flag Warning from Duke Weather Group. (confirm this is set up)	JIT & Scheduled PM	Normal	Alert	Standby	Activate	Recovery	N/A	Heat	N/A	N/A	Open	Manager
ALL SOLAR	N/A	Reliability	Routine Rounds	Monitor retention ponds. Look for dry conditions in 2nd containment or enough room to hold anticipated accumulation.	Other	Normal	Alert	Standby	Activate	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL SOLAR	N/A	Safety & Reliability	Routine Rounds	Recovery Planning: Vegetation buffers die from heavy rain or flooding (can run above \$50K threshold)	Other	N/A	N/A	N/A	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL SOLAR	N/A	Reliability	Asset Reliability	Place trackers in horizontal STOW position 24 hours before arrival of high winds, if not forecast to be accompanied by snow accumulations, per tracker model operating manual (if applicable)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL SOLAR	N/A	Reliability	Asset Reliability	Place trackers in vertical STOW position 24 hours before arrival of heavy snow accumulation, per tracker model operating manual (if applicable and with consideration of forecast for heavy winds)	Just in Time	N/A	N/A	Standby	N/A	N/A	Cold	N/A	N/A	N/A	Open	Manager
ALL SOLAR	N/A	Reliability	Asset Reliability	Place trackers in horizontal STOW position 24 hours before arrival of high winds, if applicable, per tracker model operating manual (if applicable)	Just in Time	N/A	N/A	Standby	N/A	N/A	N/A	N/A	Hurricane & Tropical Storm	N/A	Open	Manager
ALL SOLAR	N/A	Safety & Reliability	Asset Reliability	Ensure vegetation is in control in accordance with Vegetation Plan	JIT & Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	Manager
ALL SOLAR	N/A	Reliability	Asset Reliability	Ensure greasing was completed on Slew Rings (gearbox)	Scheduled PM	Normal	Alert	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	Manager
ALL SOLAR	N/A	Reliability	Asset Reliability	Tracker Maintenance	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
ALL SOLAR	N/A	Reliability	Asset Reliability	Tracker Inspections	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	Hurricane & Tropical Storm	N/A	Open	WPT
SOT5-RAMB	N/A	Reliability	Asset Reliability	BLOCKS 1-6 ATI V3.0 ANNUAL TRACKER	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
ALL	N/A	Personnel Safety	Communications	If a full evacuation of the site is required due to life-threatening conditions, communicate to all employees and impacted stakeholders the need to evacuate the area using pre-determined evacuation routes.	Just in Time	N/A	N/A	Standby	N/A	N/A	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager
ALL	N/A	Personnel Safety	Staffing	If a full evacuation of the site was directed, verify site facilities are clear of personnel.	Just in Time	N/A	N/A	Standby	N/A	N/A	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager



Information Use

**EAST BLACKLAND SOLAR, LLC
EMERGENCY ACTION PLAN**

AD-EAP-EBSL-0001

SITE PROCEDURE

EAST BLACKLAND SOLAR, LLC

ADMINISTRATIVE PROCEDURE

REVISION 0

Effective Date

11/29/2021

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REVISION SUMMARY
PRR 0
DESCRIPTION
<p>Document Owner: Terese Dodge, Lead EHS Professional RPG Procedure Writer: Dearl Lemons, Procedure Writer, Operational Excellence Reviewer: Cody Tellgren, Site Manager Approver: Tom Paff, RTO/ISO Coordinator</p> <p>Rev. 0 - This document is a new procedure.</p>

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1.0 PURPOSE

1. This Emergency Action Plan (EAP), for East Blackland Solar, LLC, located at [REDACTED], for responding to emergencies including safe and expedient evacuation of site personnel.

2.0 SCOPE

1. EAP applies to Duke Energy Renewable Services (DERS) site personnel, contractors and site facilities at East Blackland Solar during the following:
 - Bomb threats
 - Chemical spills and releases
 - Fires and thermal events
 - Arc Flash
 - Medical incidents
 - Chemical contacts
 - Neck/Spine injury
 - Power failures
 - Severe weather
 - Active shooter or hostile intruder onsite
 - Suspicious materials
 - Other emergency conditions as warranted
2. This EAP does not address threats to Operations nor systematic process for planning, preparing or responding to extreme severe weather events. Refer to Wind Emergency Operating Plan (EOP) for technology and site specific action plan items when Extreme Weather Events (Heat, Cold, Wind, and Flood) are a threat to operations.
3. This EAP is applicable to all work areas, storage areas, and covered buildings, structures, and receptacles during normal hours, after hours, weekends, and holidays.

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2.0 SCOPE (continued)

4. EAP is placed into effect by facility Area Manager or designated personnel upon activation of emergency monitoring device or notification of any emergency situation.
5. EAP is available to all onsite employees, contractors and visitors.

3.0 REFERENCES

3.1 Commitments

1. None

3.2 Procedures

1. AD-BO-ALL-0001, Safety, Environmental, Asset, and Megawatt Events Communication
2. AD-HP-ALL-0004, Corrective Action and Lessons Learned Program

3.3 Miscellaneous Documents

1. None

4.0 DEFINITIONS

1. **Arc Blast:** An explosive release of molten material from equipment caused by high-amperage arcs.
2. **Arc Flash:** A phenomenon where a flashover of electric current leaves its intended path and travels through air from one conductor to another, or to ground. Results are often violent and when a human is in close proximity to arc flash, serious injury, and even death can occur.
3. **Emergency Action Plan:** Pre-determined emergency plan for immediate protection of people from threats in workplace, including safe and expedient evacuation of personnel from threatened areas to areas of safety.
4. **Emergency Medical Services (EMS):** Professional emergency responders including Emergency Medical Technicians (EMTs) and Fire Fighters.
5. **Emergency Operations Plan:** Pre-determined emergency plan for protecting Operations from impact of an extreme severe weather event, such as extreme heat, cold, wind or flood conditions, including those atypical for a region or season.

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5.0 RESPONSIBILITIES

5.1 EHS Professional

1. Assists in preparation, revision, and implementation of EAP.
2. Provides guidance to Evacuation Team to ensure team is adequately trained and familiar with roles and responsibilities related to facility evacuation process.
3. Provides assistance and helps with oversight of annual emergency action drills for facility.
4. Participates in Lessons Learned sessions after drills and real emergencies to evaluate and improve preparedness of organizations and personnel involved.

5.2 Program Administrator

1. Administers and implements EAP.
2. Selects EAP Assistant Program Administrator and Evacuation Coordinator.
3. Develops and maintains business relationships with local fire, police, and safety organizations.
4. Coordinates activities with Evacuation Team and outside agencies that respond to emergency situations, such as fire department, police department, Local Emergency Response Committee, Sheriff's office.
5. Acts as liaison between local fire department and Evacuation Coordinator.
6. Ensures regularly scheduled walkdowns are conducted to verify egress routes and signage satisfy safety codes and other requirements.

5.3 Assistant Program Administrator

1. Assists with administration and implementation of EAP as requested by Program Administrator.
2. Assumes role of Program Administrator in absence of Program Administrator.
3. Supports evacuation process.

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5.4 **Evacuation Coordinator**

1. Is knowledgeable of facility equipment related to fire protection.
2. Inspects facility regularly and verifies the following are performed by East Blackland site personnel during monthly Fire and Life Safety Inspections:
 - Fire protection and emergency egress devices are maintained in proper position.
 - No gates or doors are obstructed or inoperable.
 - Egress routes and signage satisfy safety codes and other requirements.
3. Ensures number of facility occupants is determined and recorded each work day using sign-in and sign-out log.
4. Conducts training sessions to instruct contractors and visitors of evacuation routes and Assembly Areas.
5. Notifies contractors and visitors to inform East Blackland management immediately upon entering facility if special assistance is needed during emergency evacuation.
6. Assigns special assistance aids for those persons who cannot exit unaided.
7. During emergency event, ensures personnel on site are notified of emergency.
8. Ensures applicable emergency telephone calls are made.
(Attachment 3, Emergency Contact List)
9. Develops search areas for Evacuation Team.
10. Directs and assists Evacuation Team as needed.
11. Verifies all employees, contractors, and visitors evacuated facility during emergency situation. (Note: Evacuation Coordinator is last person to exit facility.)
12. Reports status of facility to Program Administrator upon completion of a search or evacuation.
13. Follows specific instructions from Program Administrator or Assistant Program Administrator determined by type of emergency.

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5.5 Evacuation Team Member

1. Reports to East Blackland site management:
 - Life threatening conditions that may prevent evacuation of facility.
 - Any potential EAP improvements or corrections.
2. Knows all evacuation routes out of facility.
3. Provides assistance to personnel who need special assistance during evacuation as assigned by Evacuation Coordinator.
4. Provides assistance during evacuation to contractors or visitors who may not know evacuation routes as assigned by Evacuation Coordinator.
5. Notifies Evacuation Coordinator and other applicable personnel when special assistance is needed.
6. Assists contractors and visitors as needed to designated Assembly Area.
7. Assembles during emergency at access gate for O&M Building so Evacuation Coordinator can verify needed resources.
8. Conducts area search during emergency as assigned by Evacuation Coordinator.
9. Upon completion of area search, communicates 'all clear' or other results back to Evacuation Coordinator and proceeds to designated Assembly Area.
10. Remains in designated Assembly Area until receiving instructions from Evacuation Coordinator or fire department.
11. Participates in Lessons Learned sessions following drills and real emergencies to help improve preparedness of organizations and personnel involved.

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5.6 DERS Employees, Contractors, or Site Visitors

1. Immediately reports the following to East Blackland site management:
 - Accidents
 - Illnesses
 - Fires
 - Spills
 - Releases
 - Other emergency situations
 - Life threatening conditions that may prevent safe facility evacuation
2. Reports EAP improvement or correction to East Blackland management.
3. Safety shuts down work and reports to designated Assembly Area upon receiving emergency notification.
4. Notifies East Blackland management if special assistance is required, or no longer required, during evacuation.
5. Evacuates during practice drills as instructed.
6. Remains in designated Assembly Area until Evacuation Coordinator or fire department approves leaving area or re-entering facility.

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6.0 INSTRUCTIONS

6.1 Evacuation Process

1. Proper emergency response including safe and expedient evacuation of personnel from threatened areas to areas of safety is primary objective of this EAP and cannot be hampered in any way.
2. Effectiveness of EAP depends on personnel exercising good judgment and remaining calm in all emergencies.
3. Evacuation Coordinator ensures the following:
 - a. Onsite personnel are notified of emergency by alarm sounding or contacting personnel directly.
 - b. Local emergency telephone number (911) is called as needed.
4. Evacuation Coordinator and Evacuation Team upon receipt of alarm or notification, perform the following:
 - a. Assembles at access gate for O&M Building so Evacuation Coordinator may verify needed resources.
 - b. Conducts area searches as determined and assigned by Evacuation Coordinator based on personnel resources and emergency type.
 - c. Communicates 'all clear' or other results back to Evacuation Coordinator upon completion of area search and proceeds to designated Assembly Area.
 - (1) Missing individuals are reported immediately to Evacuation Coordinator.
 - (2) Evacuation Coordinator is last person to exit facility.
 - d. Remains in designated Assembly Area until receiving instructions from Evacuation Coordinator or fire department.
 - (1) Fire department assumes complete control of emergency situation upon arriving onsite.
 - (2) If fire department is unavailable, then Evacuation Coordinator is in control and makes decisions based on discussions with Program Administrator or Assistant Program Administrator.
 - e. Participates in Lessons Learned sessions following drills and real emergencies to help improve preparedness of organizations and personnel involved.

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6.1 Evacuation Process (continued)

5. Contractors, Site Visitors, and Employees upon receipt of alarm or notification, perform the following:
 - a. Calmly follows nearest evacuation route out of facility and proceeds directly to designated Assembly Area.
 - b. Does not delay evacuation, but if time allows, collects critical personal belongings (coats, keys, etc.).
 - c. Personnel needing special assistance are located and assisted to Assembly Area by Evacuation Coordinator or designee.
 - d. Remains in designated Assembly Area until Evacuation Coordinator or fire department approves leaving area or re-entering facility.

6.2 Assembly Areas

1. For emergencies except Severe Weather:
 - a. Assembly Area is access gate for O&M Building.
 - b. Access gate Assembly Area may be changed by Program Administrator or Evacuation Coordinator during fire emergencies due to wind direction.
2. For Severe Weather emergencies:
 - a. Assembly Area is inside O&M Building.
 - b. During tornado warnings, onsite personnel must be inside tornado shelter outside of O&M Building.
 - c. If tornado shelter is full, then inside restrooms in O&M Building.

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6.3 Emergencies

6.3.1 Bomb Threat

1. Record every word spoken by caller in spaces provided in Attachment 1, Bomb Threat Checklist.
2. Keep caller on line as long as possible.
3. Ask caller to repeat message.
4. Ask caller for bomb location or time of possible detonation if caller does not provide this information voluntarily.
5. Pay attention to and record peculiar background noises, such as motors, music, and any noise which may give a clue as to location of caller.
6. Listen closely and record voice (male or female), voice quality (calm or excited), accents, and speech impediments.
7. Dial 911 immediately and provide all information recorded on Attachment 1.
 - a. Also contact Program Administrator or Assistant Program Administrator.
 - b. See Attachment 3, Emergency Contact List, for emergency contact telephone numbers.
8. Person who received call must remain available until law enforcement arrives to talk first-hand.
9. Evacuate facility if necessary or as instructed by Program Administrator or Assistant Program Administrator.

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6.3.2 Chemical Spill

1. Immediately notify RCC at [REDACTED], and if emergency assistance is needed dial 911.
2. Be prepared to provide the following information:
 - Location of spill/release
 - Was anyone injured
 - Material spilled/released
 - Approximate quantity of material spilled/released
3. Notify Program Administrator or Assistant Program Administrator and East Blackland EHS Professional when safe to do so.
 - a. See Attachment 3, Emergency Contact List, for emergency contact telephone numbers.
4. If safe to do so, then practice **SWIM**:
 - a. **S**ecure area.
 - b. **W**arn others.
 - c. **I**nforn proper authorities.
 - d. **M**onitor situation until response crews arrive.
5. Do not attempt to control or clean-up spill/release unless you are trained and authorized to do so.
6. Move away from spill/release area, and evacuate facility if necessary or instructed by RCC.
7. Follow established evacuation procedure as needed.

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6.3.3 Fire/Thermal Event

1. Activate fire alarm if installed.
2. Verbally alert, if needed, onsite personnel in lieu of fire alarm.
3. Dial 911 to notify local emergency personnel as needed and be prepared to answer the following questions:
 - Type of emergency (fire, police, medical)
 - Name of company (Duke Energy Renewable Services)
 - Building name, location and address
 - Personnel name
 - Other questions asked by operator
4. If equipment fire occurs, then take the following action:
 - a. Exit or evacuate equipment area immediately.
 - b. Establish 'No Entry' perimeter as large as possible but no smaller than 400 feet around affected area.
5. Attempt to extinguish fire only if:
 - Trained and qualified to do so
 - Can be done without personal endangerment or others

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6.3.4 Arc Flashes

1. If equipment incident energy is above 40 cal/cm² (i.e. combiner boxes), then East Blackland field technicians will utilize 40 cal/cm² arc flash suit while operating on such equipment.
2. East Blackland field personnel operating on combiner boxes must set a minimum arc-flash boundary for technicians who are not wearing proper PPE.
 - All technicians not wearing arc flash suit, must not cross boundary denoted by technician operating on equipment.
3. If arc flash or arc blast occurs, then technicians beyond arc-flash boundary must:
 - a. Stay where they are.
 - b. Notify Emergency Authorities.
 - c. Not approach open equipment.

6.3.5 Medical

1. If medical emergency, either accident or illness, occurs, then take the following actions:
 - a. Assess area for hazards such as electrical, mechanical, fall, and fire.
 - b. If unsafe work conditions cannot be mitigated, then leave incident area at once and await further assistance.
 - c. If first aid trained personnel are not at emergency scene, announce via radio (Channel 1), or cell phone, for all first aid trained personnel to report to emergency location and nature of emergency.
 - d. In case of medical emergency:
 - (1) Call 911 and provide emergency personnel with emergency information such as:
 - Name
 - Location
 - Phone number
 - Number and status of injured persons.
 - (2) Direct available personnel to escort emergency personnel to emergency location.

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6.3.5 Medical (continued)

- e. Complete the following as needed:
 - (1) Shut-off operating equipment in area to ensure safety of personnel.
 - (2) Barricade area from safe distance and deny entry of non-essential personnel.
 - (3) If safe to do so, provide basic first aid and attend victim until emergency personnel arrive.

6.3.6 Chemical Contact

1. The following requirements are in addition to requirements presented in Section 6.3.5.
 - a. Remove contaminated clothing.
 - b. Wash exposed body area with large quantity of soap solution and water for at least 15 minutes.
 - c. Immediately contact physician, see Attachment 3.
 - d. Review chemical Safety Data Sheet (SDS) to determine additional actions to take (if any).

6.3.7 Neck And Spine

1. Comply with requirements presented in Section 6.3.5.
2. Evaluate injury scene to determine if any hazards imminently life threatening.
3. Immediately remove victim from life threatening hazards.
4. Minimize movement of victim to prevent possible paralysis or death.
5. Site Emergency Response personnel attend victim in place until EMS arrive.

6.3.8 Power Failure

1. If power failure is associated with fire emergency, then all procedures for fire evacuation should be followed.
2. If power failure occurs independently of other emergency conditions, then remain at your location for further instructions. Do not move around unnecessarily.

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6.3.9 Severe Weather

NOTE

DERS EOP workbooks for Solar and Wind contain action plan items to plan, prepare and recover from extreme severe weather events, such as Hurricanes/Tropical Storms, Blizzards, Extreme Heat and Floods.

1. Before and during Severe Weather:
 - a. Ensure communication radios and cellular telephones work.
 - b. Be alert for weather conditions to worsen.
 - c. RCC and East Blackland management advise facility occupants of severe weather and actions to take.
 - (1) East Blackland management takes steps as needed to help ensure facility occupants are aware of severe weather notices provided by RCC.
 - d. Assembly Area for severe weather is inside O&M Building.
 - (1) During tornado warnings, onsite personnel take shelter inside tornado shelter outside of O&M Building.
 - (2) If tornado shelter is full, then personnel take shelter inside O&M Building restrooms.
 - e. As directed by RCC or East Blackland management, retreat from facility and seek other shelter.
 - (1) If no shelter is available, then move to low lying area or depression for safety.
2. During lightning alerts:
 - a. RCC or East Blackland management contact personnel onsite to inform of lightning alerts.
 - (1) If RCC is responsible for notifying onsite personnel of lightning alerts, then East Blackland management contacts various onsite work groups to help ensure alerts are received.
 - b. No work is performed during lightning alerts.

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6.3.9 Severe Weather (continued)

- c. Personnel in vehicles avoid direct contact with vehicle external conductive surfaces during lightning alerts.
- d. Personnel remain in Assembly Area until no lightning is detected within 30 miles of facility for 30 minutes.

6.3.10 Active Shooter or Hostile Intruder Onsite

1. If shots are heard, then perform the following:
 - a. Stop work and remain at current location unless it is dangerous to do so.
 - b. Contact facility management and provide at a minimum:
 - Number of shots heard
 - Estimated location of shots
 - c. Remain in contact with management and follow instructions unless unsafe to do so.
2. If you see or receive notification a hostile intruder is on site, then perform the following:
 - a. Quickly determine most reasonable way to protect your life:
 - (1) Evacuate area if it does not put you in additional danger:
 - (2) Move to a place where intruder is unlikely to find you.
 - (3) Warn others but do not wait for them.
 - (4) Do not stop and gather belongings, equipment, etc.
 - (5) Help others evacuate if it can be conducted in a safe manner.
 - (6) Help prevent persons from entering area where intruder is located.
 - (7) Do not move wounded people unless instructed to do so by law enforcement.
 - (8) Keep your hands visible and follow instructions from law enforcement.
 - (9) Call 911 and management when safe to do so.

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6.3.10 Active Shooter or Hostile Intruder Onsite (continued)

- b. Hide if evacuation is not feasible:
 - (1) Find a place where intruder is unlikely to find you and you are out of sight.
 - (2) Select a closable, securable location providing protection if shots are fired.
 - Lock yourself in a room within a building or structure.
 - Close, lock, block, and/or obstruct any windows or doors in building/structure and room where you are located.
 - Invite others to join you as you proceed to and prepare area.
 - Turn off lights and light sources.
 - Eliminate sources of sound, including cell phones, and remain quiet.
 - Hide behind large and sturdy objects.
 - Do not trap or restrict your movement options.
 - Call 911 and management when safe to do so.
 - If intruder is nearby and you cannot speak, leave line open and allow 911 dispatcher to listen.
- c. Fight as last resort and only when your life is in imminent danger and law enforcement is not engaged:
 - (1) Attempt to disrupt or incapacitate intruder by:
 - Positioning yourself for attack if your area is breached.
 - Improvising weapons using materials within reach.
 - Acting as aggressively as possible against intruder.
 - Throwing items at intruder.
 - Yelling at intruder.

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6.3.10 Active Shooter or Hostile Intruder Onsite (continued)

- (2) If you are caught and subdued, then perform the following:
 - Never look intruder in the eyes.
 - Be submissive and obey all commands.
 - Do not appear to pose a challenge or threat.
3. When Law Enforcement arrives onsite perform the following:
 - Obey all instructions from law enforcement.
 - Put down any items in your hands (bags, jackets, etc.).
 - Immediately raise your hands and spread fingers.
 - Always keep your hands visible.
 - Avoid making quick movements toward law enforcement officers.
 - Avoid pointing, screaming, and yelling.
 - If you do not know direction to evacuate, then proceed in direction officers entered area.
 - Do not distract officers by stopping to ask for help or directions when evacuating.
 - Do not stop to help injured persons unless told to do so by law enforcement.
 - If law enforcement directs you to a safe area, stay there until released by law enforcement.

6.3.11 Suspicious Materials

1. Guidelines for observation of or exposure to suspicious material are provided in Attachment 2, Suspicious Material Guideline. Attachment 2 contains and explains a step-by-step process to determine if such suspicious material is a credible threat.
 - a. Refer to Attachment 3, Emergency Contact List for Emergency Contact List with names and telephone numbers.

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6.3.12 Other Emergency Conditions

1. Attachment 3, Emergency Contact List contains Emergency Contact names and telephone numbers.
2. Notify Site Management of the following:
 - Unusual odors
 - Unusual sounds
 - Acts or indications of vandalism
3. If suspicious persons are observed, then perform the following:
 - a. Dial 911.
 - b. Notify Site Management.
4. If evidence of damaged fire safety equipment, such as extinguisher, hoses, or any other safety hazards are observed, then notify Program Administrator, Assistant Program Administrator, or facility EHS Professional.

6.3.13 Crisis Management Team Activation and Local Media Notification

1. Activation of Duke Energy Crisis Management Team may be required for certain emergencies at facility.
2. Contact DERS point of contact for crisis communications including any of the following notification triggers:
 - Fatality occurring at, or as result of, DERS operation
 - Three or more hospitalizations resulting from single incident and occurring as result of DERS operation
 - Incident requiring unplanned emergency response resource support from outside
 - Incident requiring significant interface with, or on-ground presence from, regulatory or civil authorities
 - Incidents of wide-spread media interest
3. As result of emergency, notification to local media may be warranted.
 - a. Contact Duke Energy Public Affairs Department at [REDACTED] for assistance.

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6.4 Change Management of EAP

1. This EAP is updated expediently as EAP improvements or corrections are uncovered, reported to East Blackland management, or obtained from Lessons Learned sessions.
2. Record improvements or corrections to EAP in Revision Summary section (page 2) of this document.

7.0 RECORDS

1. Attachment 1, Bomb Threat Checklist

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ATTACHMENT 1

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<< Bomb Threat Checklist >>

1. Record exact message:	<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em;"></div>
2. Ask caller to repeat message. Review message recorded above.	
3. Ask caller: <div style="margin-left: 20px;"> a. "Who is this?" <div style="border-bottom: 1px solid black; width: 600px;"></div> b. "When will the bomb go off?" <div style="border-bottom: 1px solid black; width: 100px;"></div> am <div style="border-bottom: 1px solid black; width: 100px;"></div> pm c. "Where is the bomb located?" <div style="border-bottom: 1px solid black; width: 500px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em; margin-top: 5px;"></div> d. "What does the bomb look like?" (Describe) <div style="border-bottom: 1px solid black; width: 400px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em; margin-top: 5px;"></div> e. "Why are you doing this?" (Indicate reason) <div style="border-bottom: 1px solid black; width: 400px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em; margin-top: 5px;"></div> </div>	
4. Note any background noise (traffic, music, factory, etc.): <div style="border-bottom: 1px solid black; width: 300px;"></div>	
5. Describe voice. Male <input type="checkbox"/> Female <input type="checkbox"/> Young <input type="checkbox"/> Old <input type="checkbox"/> Excited <input type="checkbox"/> Calm <input type="checkbox"/> <div style="margin-left: 20px;"> a. Accent: <div style="border-bottom: 1px solid black; width: 600px;"></div> b. Speech impediment or characteristics: <div style="border-bottom: 1px solid black; width: 450px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em; margin-top: 5px;"></div> </div>	
6. Other: <div style="border-bottom: 1px solid black; width: 700px;"></div>	
<div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em; margin-bottom: 5px;"></div> <div style="border-bottom: 1px solid black; height: 1.2em;"></div>	
Person Receiving Call: <div style="border-bottom: 1px solid black; width: 600px;"></div>	
Phone number on which call was received: <div style="border-bottom: 1px solid black; width: 450px;"></div>	
Date/Time Call Received: <div style="border-bottom: 1px solid black; width: 100px;"></div> / <div style="border-bottom: 1px solid black; width: 100px;"></div> / <div style="border-bottom: 1px solid black; width: 100px;"></div> <div style="border-bottom: 1px solid black; width: 100px;"></div> am <div style="border-bottom: 1px solid black; width: 100px;"></div> pm	

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ATTACHMENT 2

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<< Suspicious Material Guideline >>

IF YOU OBSERVE OR BECOME EXPOSED TO SUSPICIOUS MATERIAL:

- Do not touch, taste, or disturb the material.
- Do not shake or empty contents of suspicious envelopes or packages.
- Keep hands away from your nose, mouth, and eyes.
- If material is on shoes or clothing do not brush off. Thoroughly wash exposed skin with soap and water.
- Contact site management and the site's EHS Professional to determine if the threat is credible (See list of contacts).

EHS in conjunction with site management will assess the situation - Is the substance considered a credible threat?

The following questions may be used as a guide:

- Is the source of material in an envelope or package?
- Do non-employees have access to the area?
- Has the site received any specific threats?
- Could the material come from a likely non-hazardous source (e.g., ceiling tile, janitorial supplies, etc.)?
- Is there evidence of recent activity by construction workers, janitors, or maintenance?

No

Material is not considered a credible threat.

- Follow procedure for material cleaning and disposal.
- Document event and take action to prevent reoccurrence.
- Do not send material for precautionary testing.
- Do not contact law enforcement.
- No medical intervention warranted.
- Contact Human Resources (HR) for assistance with employee concerns if appropriate.

Yes

Material is considered a credible threat.

- Do not attempt to take a sample or disturb material. Area is considered a crime scene.
- Shut off fans, HVAC, or other devices that may disturb the material.
- If the substance is in an office, shut the door.
- Consult with law enforcement and follow their guidance (see Contact List shown above).
- Notify appropriate contacts in the Contact List shown above.
- Do not attempt to remove or clean up any unknown substance.
- Wait in the vicinity until assistance arrives to prevent tracking into other areas.
- Make a list of all personnel who were in the immediate area with the material.
- Site management will remain at onsite to evaluate conditions, decide on further action, and assure the safety of all personnel.
- Contact HR for assistance with employee concerns if appropriate.

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ATTACHMENT 3

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<< Emergency Contact List >>

Facility Contacts				
Description	Title/Address	Contact Name	Phone Number	Other
Emergency Announcements	Facility Leadership	[REDACTED]	[REDACTED]	[REDACTED]
		[REDACTED]	[REDACTED]	[REDACTED]
Facility Operations	Program Admin (Area Manager)	[REDACTED]	[REDACTED]	NA
	Evacuation Coordinator (Area Manager)	[REDACTED]	[REDACTED]	
	Director of Solar	[REDACTED]	[REDACTED]	
	EHS Director	[REDACTED]	[REDACTED]	
	EHS Professional	[REDACTED]	[REDACTED]	
Monitoring Center	Renewables Control Center (RCC)	[REDACTED]	[REDACTED]	[REDACTED]

Emergency Contacts				
Description	Title/Address	Contact Name	Phone Number	Other
Fire Department	Travis County Emergency Services District 12 11200 Gregg Ln. Manor, TX 78653	Dispatcher	911	Non-emergency: 512-272-4502
Law Enforcement	Elgin Police Dept. 202 Depot St. Elgin, TX 78621	Operator	911	Non-emergency: 512-285-5757
Emergency Room	Baylor Scott & White Medical Center 2600 E. Pflugerville Pkwy Ste 100 Pflugerville, TX 78660	Operator	911	Emergency Room: 512-654-6100

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<< Emergency Contact List >>

State Contacts				
Description	Title/Address	Contact Name	Phone Number	Other
Petroleum or Hazardous Materials Spills	Texas Commission of Environmental Quality (TCEQ)	Operator	Spill Reporting: 800-832-8224	
State Department of Transportation	Texas Department of Public Safety	Operator	512-424-2000	
State Emergency Management	Texas Department of Public Safety 5805 North Lamar Blvd. Austin, TX 78752-4422	Operator	512-424-2000	
	Texas State Emergency Response Commission (SERC) P.O. Box 4087 Austin, TX 78773-0220		512-424-2208	
State Fire Marshal	Texas State Fire Marshal 333 Guadalupe Street Austin, TX 78701	Operator	817-598-4281	
State Highway Patrol	Texas Department of Public Safety 5805 North Lamar Blvd. Austin, TX 78752-4422	Operator or Dispatcher	512-424-2000	

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<< Emergency Contact List >>

Federal Contacts				
Description	Title/Address	Contact Name	Phone Number	Other
Petroleum or Hazardous Materials Spill	National Response Center (NRC)	Emergency Operator	800-424-8802	
Environmental Reporting	US Environmental Protection Agency Region 6 1445 Ross Ave Suite 1200 Dallas, TX 75202	Operator	In State: 800-887-6063	Out of State: 214-665-6444
Storm Tracking and Reports	National Weather Service (NWS)			Website: www.nws.noaa.gov

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ATTACHMENT 4

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<< **Assembly Area** >>

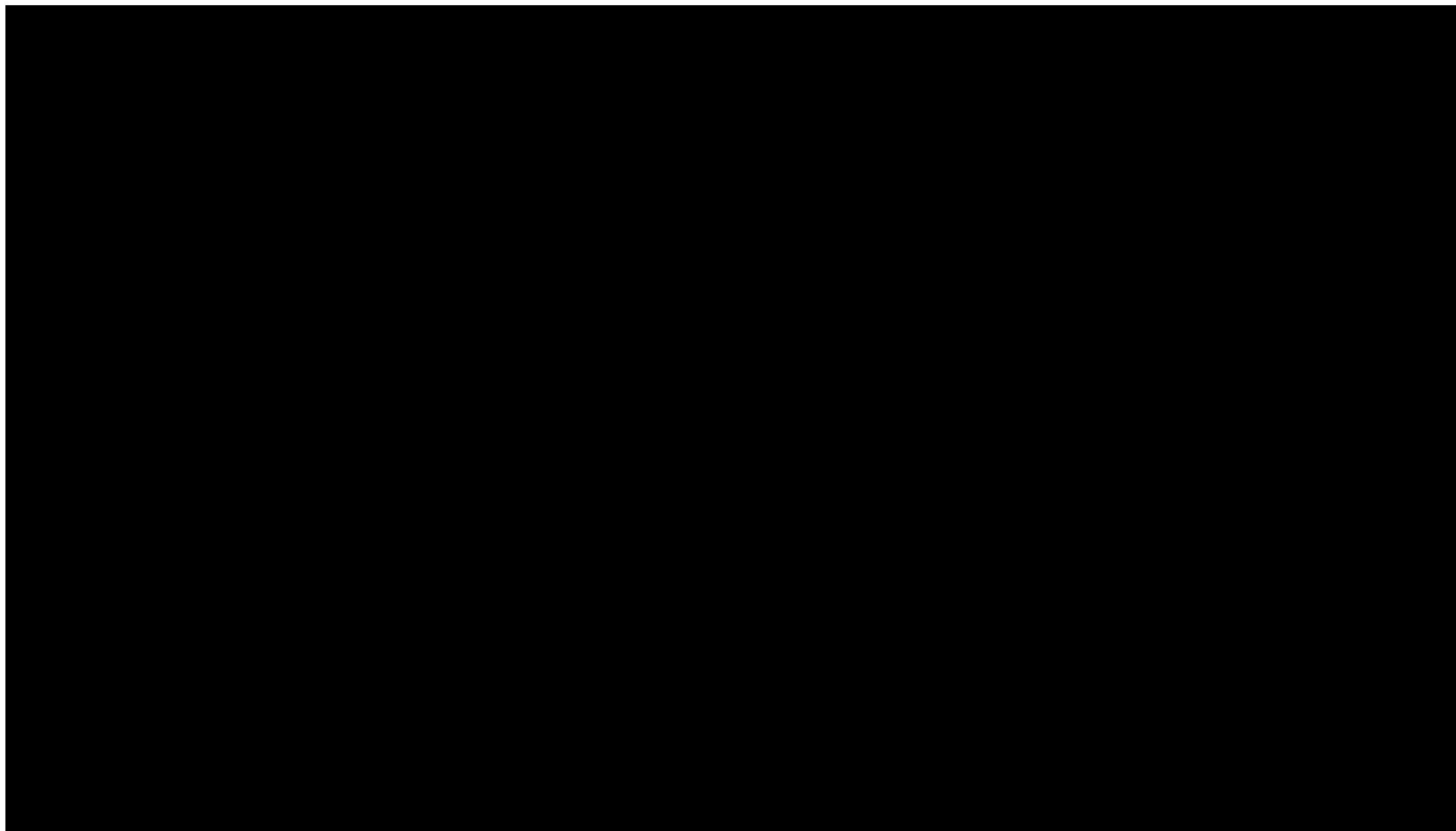
1. All Emergencies except Severe Weather: Assembly Area is outside of main gate and to side of access roadway.
2. Severe Weather: Assembly Area is various service vehicles utilized by onsite personnel with such vehicles located offsite.

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ATTACHMENT 5

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<< Site Map >>





Information Use

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SITE PROCEDURE

HOLSTEIN SOLAR, LLC

ADMINISTRATIVE PROCEDURE

REVISION 0

Effective Date

11/29/2021

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REVISION SUMMARY
PRR 0
DESCRIPTION
<p>Document Owner: Terese Dodge, Lead EHS Professional RPG Procedure Writer: Dearl Lemons, Procedure Writer, Operational Excellence Reviewer: Cody Tellgren, Site Manager Approver: Tom Paff, RTO/ISO Coordinator Rev. 0 - This document is a new procedure.</p>

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1.0 PURPOSE

1. This Emergency Action Plan (EAP) for Holstein Solar, LLC (Holstein) located at [REDACTED], for responding to emergencies including safe and expedient evacuation of all occupants.

2.0 SCOPE

1. EAP applies to Duke Energy Renewable Services (DERS) site personnel, contractors and site facilities at Holstein during the following:
 - Bomb threats
 - Chemical spills and releases
 - Fires and thermal events
 - Arc Flash
 - Medical incidents
 - Chemical contacts
 - Neck/Spine injury
 - Power failures
 - Severe weather
 - Active shooter or hostile intruder onsite
 - Suspicious materials
 - Other emergency conditions as warranted
2. This EAP does not address threats to Operations nor systematic process for planning, preparing or responding to extreme severe weather events. Refer to Wind Emergency Operating Plan (EOP) for technology and site specific action plan items when Extreme Weather Events (Heat, Cold, Wind, and Flood) are a threat to operations.
3. This EAP is applicable to all work areas, storage areas, and covered buildings, structures, and receptacles during normal hours, after hours, weekends, and holidays.

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2.0 SCOPE (continued)

4. EAP is placed into effect by facility Area Manager or designated personnel upon activation of emergency monitoring device or notification of any emergency situation.
5. EAP is available to all onsite employees, contractors and visitors.

3.0 REFERENCES

3.1 Commitments

1. None

3.2 Procedures

1. AD-BO-ALL-0001, Safety, Environmental, Asset, and Megawatt Events Communication
2. AD-HP-ALL-0004, Corrective Action and Lessons Learned Program

3.3 Miscellaneous Documents

1. None

4.0 DEFINITIONS

1. **Arc Blast:** An explosive release of molten material from equipment caused by high-amperage arcs.
2. **Arc Flash:** A phenomenon where a flashover of electric current leaves its intended path and travels through air from one conductor to another, or to ground. Results are often violent and when a human is in close proximity to arc flash, serious injury, and even death can occur.
3. **Emergency Action Plan:** Pre-determined emergency plan for immediate protection of people from threats in workplace, including safe and expedient evacuation of personnel from threatened areas to areas of safety.
4. **Emergency Medical Services (EMS):** Professional emergency responders including Emergency Medical Technicians (EMTs) and Fire Fighters.
5. **Emergency Operations Plan:** Pre-determined emergency plan for protecting Operations from impact of an extreme severe weather event, such as extreme heat, cold, wind or flood conditions, including those atypical for a region or season.

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5.0 RESPONSIBILITIES

5.1 EHS Professional

1. Assists in preparation, revision, and implementation of EAP.
2. Provides guidance to Evacuation Team to ensure team is adequately trained and familiar with roles and responsibilities related to facility evacuation process.
3. Provides assistance and helps with oversight of annual emergency action drills for facility.
4. Participates in Lessons Learned sessions after drills and real emergencies, to evaluate and improve preparedness of organizations and personnel involved.

5.2 Program Administrator

1. Administers and implements EAP.
2. Selects EAP Assistant Program Administrator and Evacuation Coordinator.
3. Develops and maintains business relationships with local fire, police, and safety organizations.
4. Coordinates activities with Evacuation Team and outside agencies that respond to emergency situations, such as fire department, police department, Local Emergency Response Committee, Sheriff's office.
5. Acts as liaison between local fire department and Evacuation Coordinator.
6. Ensures regularly scheduled walkdowns are conducted to verify egress routes and signage satisfy safety codes and other requirements.

5.3 Assistant Program Administrator

1. Assists with administration and implementation of EAP as requested by Program Administrator.
2. Assumes role of Program Administrator in absence of Program Administrator.
3. Supports evacuation process.

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5.4 Evacuation Coordinator

1. Is knowledgeable of facility equipment related to fire protection.
2. Inspects facility regularly and verifies the following are performed by Holstein site personnel during monthly Fire and Life Safety Inspections:
 - Fire protection and emergency egress devices are maintained in proper position.
 - No gates or doors are obstructed or inoperable.
 - Egress routes and signage satisfy safety codes and other requirements.
3. Ensures number of facility occupants is determined and recorded each work day using sign-in and sign-out log.
4. Conducts training sessions to instruct contractors and visitors of evacuation routes and Assembly Areas.
5. Notifies contractors and visitors to inform Holstein management, immediately upon entering facility if special assistance is needed during emergency evacuation.
6. Assigns special assistance aids for those persons who cannot exit unaided.
7. During emergency event, ensures personnel on site are notified of emergency.
8. Ensures applicable emergency telephone calls are made.
(Attachment 3, Emergency Contact List)
9. Develops search areas for Evacuation Team.
10. Directs and assists Evacuation Team as needed.
11. Verifies all employees, contractors, and visitors evacuated facility during emergency situation, (Note: Evacuation Coordinator is last person to exit facility).
12. Reports status of facility to Program Administrator upon completion of a search or evacuation.
13. Follows specific instructions from Program Administrator or Assistant Program Administrator determined by type of emergency.

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5.5 Evacuation Team Members

1. Reports to Holstein site management:
 - Life threatening conditions that may prevent evacuation of facility.
 - Any potential EAP improvements or corrections.
2. Knows all evacuation routes out of facility.
3. Provides assistance to personnel who need special assistance during evacuation as assigned by Evacuation Coordinator.
4. Provides assistance during evacuation to contractors or visitors who may not know evacuation routes as assigned by Evacuation Coordinator.
5. Notifies Evacuation Coordinator and other applicable personnel when special assistance is needed.
6. Assists contractors and visitors as needed to designated Assembly Area.
7. Assembles during emergencies at access gate for O&M Building so Evacuation Coordinator can verify needed resources.
8. Conducts area searches during emergencies as assigned by Evacuation Coordinator.
9. Upon completion of area search, communicates 'all clear' or other results back to Evacuation Coordinator and proceeds to designated Assembly Area.
10. Remains in designated Assembly Area until receiving instructions from Evacuation Coordinator or fire department.
11. Participates in Lessons Learned sessions following drills and real emergencies, to help improve preparedness of organizations and personnel involved.

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5.6 DERS Employees, Contractors or Site Visitors

1. Immediately reports the following to Holstein site management:
 - Accidents
 - Illnesses
 - Fires
 - Spills
 - Releases
 - Other emergency situations
 - Life threatening conditions that may prevent safe facility evacuation
2. Reports EAP improvements or corrections to Holstein management.
3. Safety shuts down work and reports to designated Assembly Area upon receiving emergency notification.
4. Notifies Holstein management if special assistance is required or no longer required during evacuation.
5. Evacuates during practice drills as instructed.
6. Remains in designated Assembly Area until Evacuation Coordinator or fire department approves leaving area or re-entering facility.

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6.0 INSTRUCTIONS

6.1 Evacuation Process

1. Proper emergency response including safe and expedient evacuation of personnel from threatened areas to areas of safety is primary objective of this EAP and cannot be hampered in any way.
2. Effectiveness of EAP depends on personnel exercising good judgment and remaining calm in all emergencies.
3. Evacuation Coordinator ensures the following:
 - a. Onsite personnel are notified of emergency by alarm sounding or personnel contacted directly.
 - b. Local emergency telephone number (911) is called as needed.
4. Evacuation Coordinator and Evacuation Team upon receipt of alarm or notification performs the following:
 - a. Assembles at access gate for O&M Building while Evacuation Coordinator verifies needed resources.
 - b. Conducts area searches as determined and assigned by Evacuation Coordinator based on personnel resources and emergency type.
 - c. Communicates 'all clear' or other results back to Evacuation Coordinator upon completion of area search, and proceeds to designated Assembly Area.
 - (1) Missing individuals are reported immediately to Evacuation Coordinator.
 - (2) Evacuation Coordinator is last person to exit facility.
 - d. Remains in designated Assembly Area until receiving instructions from Evacuation Coordinator or fire department.
 - (1) Fire department assumes complete control of emergency situation upon arriving onsite.
 - (2) If fire department is unavailable, then Evacuation Coordinator is in control and makes decisions based on discussions with Program Administrator or Assistant Program Administrator.
 - e. Participates in Lessons Learned sessions, following drills and real emergencies, to help improve preparedness of organizations and personnel involved.

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6.1 Evacuation Process (continued)

5. Contractors, Site Visitors, and Employees upon receipt of alarm or notification, perform the following:
 - a. Calmly follows nearest evacuation route out of facility and proceeds directly to designated Assembly Area.
 - b. Does not delay evacuation, but if time allows, collects critical personal belongings (coats, keys, etc.).
 - c. Personnel needing special assistance are located and assisted to Assemble Area by Evacuation Coordinator or designee.
 - d. Remains in designated Assembly Area until Evacuation Coordinator or fire department approves leaving area or re-entering facility.

6.2 Assembly Areas

1. For emergencies except Severe Weather:
 - a. Assembly Area is access gate for O&M Building.
 - b. Access gate Assembly Area may be changed by Program Administrator or Evacuation Coordinator during fire emergencies due to wind direction.
2. For Severe Weather emergencies:
 - a. Assembly Area is inside O&M Building.
 - b. During tornado warnings, onsite personnel must be inside tornado shelter outside of O&M Building.
 - c. If tornado shelter is full, then inside restrooms in O&M building.

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6.3 Emergencies

6.3.1 Bomb Threat

1. Record every word spoken by caller in spaces provided in Attachment 1, Bomb Threat Checklist.
2. Keep caller on line as long as possible.
3. Ask caller to repeat message.
4. Ask caller for bomb location or time of possible detonation if caller does not provide this information voluntarily.
5. Pay attention to and record peculiar background noises such as motors, music, and any noise which may give a clue as to location of caller.
6. Listen closely and record voice (male or female), voice quality (calm or excited), accents, and speech impediments.
7. Dial 911 immediately and provide all information recorded on Attachment 1.
 - a. Contact Program Administrator or Assistant Program Administrator.
 - b. See Attachment 3, Emergency Contact List, for emergency contact telephone numbers.
8. Person who received call must remain available until law enforcement arrives to talk first-hand.
9. Evacuate facility if necessary or instructed by Program Administrator or Assistant Program Administrator.

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6.3.2 Chemical Spill

1. Immediately notify RCC at [REDACTED], and if emergency assistance is needed dial 911.
2. Be prepared to provide the following information:
 - Location of spill/release
 - Was anyone injured
 - Material spilled/released
 - Approximate quantity of material spilled/released
3. Notify Program Administrator or Assistant Program Administrator and Holstein EHS Professional when safe to do so.
 - a. See Attachment 3, Emergency Contact List, for emergency contact telephone numbers.
4. If safe to do so practice **SWIM**:
 - a. **S**ecure area.
 - b. **W**arn others.
 - c. **I**nforn proper authorities.
 - d. **M**onitor situation until response crews arrive.
5. Do not attempt to control or clean-up spill/release unless you are trained and authorized to do so.
6. Move away from spill/release area, and evacuate facility if necessary or instructed by RCC.
7. Follow established evacuation procedure as needed.

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6.3.3 Fire/Thermal Event

1. Activate fire alarm if installed.
2. Verbally alert, if needed, onsite personnel in lieu of an alarm.
3. Dial 911 to notify local emergency personnel as needed and be prepared to answer the following questions:
 - Type of emergency (fire, police, medical)
 - Name of company (Duke Energy Renewable Services)
 - Building name, location and address
 - Personnel name
 - Other questions asked by operator
4. If equipment fire occurs, then take the following action:
 - a. Exit or evacuate equipment area immediately.
 - b. Establish 'No Entry' perimeter as large as possible but no smaller than 400 feet around affected area.
5. Attempt extinguishment fire only if:
 - Trained and qualified to do so
 - Can be done without endangering yourself or others

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6.3.4 Arc Flashes

1. If equipment incident energy is above 40 cal/cm² (i.e. combiner boxes), then Holstein field technicians will utilize 40 cal/cm² arc flash suit while operating on such equipment.
2. Holstein field personnel operating on combiner boxes must set a minimum arc-flash boundary for technicians who are not wearing proper PPE.
 - All technicians not wearing arc flash suit, must not cross boundary denoted by technician operating on equipment.
3. If arc flash or arc blast occurs, then technicians beyond arc-flash boundary must:
 - a. Stay where they are.
 - b. Notify Emergency Authorities.
 - c. Not approach open equipment.

6.3.5 Medical

1. If medical emergency, either accident or illness, occurs, then take the following actions:
 - a. Assess area for hazards such as electrical, mechanical, fall, and fire.
 - b. If unsafe work conditions cannot be mitigated, then leave incident area at once and await further assistance.
 - c. If first aid trained personnel are not at emergency scene, announce via radio (Channel 1), or cell phone, for all first aid trained personnel to report to emergency location and nature of emergency.
 - d. In case of medical emergency:
 - (1) Call 911 and provide emergency personnel with emergency information such as:
 - Name
 - Location
 - Phone number
 - Number and status of injured persons.
 - (2) Direct available personnel to escort emergency personnel to emergency location.

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6.3.5 Medical (continued)

- e. Complete the following as needed:
 - (1) Shut-off operating equipment in area to ensure safety of personnel.
 - (2) Barricade area from safe distance and deny entry of non-essential personnel.
 - (3) If safe to do so, provide basic first aid and attend victim until emergency personnel arrive.

6.3.6 Chemical Contact

1. The following requirements are in addition to requirements presented in Section 6.3.5.
 - a. Remove contaminated clothing.
 - b. Wash exposed body area with large quantity of soap solution and water for at least 15 minutes.
 - c. Immediately contact physician, see Attachment 3.
 - d. Review chemical Safety Data Sheet (SDS) to determine additional actions to take (if any).

6.3.7 Neck And Spine

1. Comply with requirements presented in Section 6.3.5.
2. Evaluate injury scene to determine if any hazards imminently life threatening.
3. Immediately remove victim from life threatening hazards.
4. Minimize movement of victim to prevent possible paralysis or death.
5. Site Emergency Response personnel attend victim in place until EMS arrive.

6.3.8 Power Failure

1. If power failure is associated with fire emergency, then all procedures for fire evacuation should be followed.
2. If power failure occurs independently of other emergency conditions, then remain at your location for further instructions. Do not move around unnecessarily.

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6.3.9 Severe Weather

NOTE

DERS EOP workbooks for Solar and Wind contain action plan items to plan, prepare and recover from extreme severe weather events, such as Hurricanes/Tropical Storms, Blizzards, Extreme Heat and Floods.

1. Before and during Severe Weather:
 - a. Ensure communication radios and cellular telephones work.
 - b. Be alert for weather conditions to worsen.
 - c. RCC and Holstein management advise facility occupants of severe weather and any actions to take.
 - (1) Holstein management takes steps as needed to help ensure facility occupants are aware of severe weather notices provided by RCC.
 - d. Assembly Area for severe weather is inside O&M Building.
 - (1) During tornado warnings, onsite personnel take shelter inside tornado shelter outside of O&M Building.
 - (2) If tornado shelter is full, then personnel take shelter inside O&M Building restrooms.
 - e. As directed by RCC or Holstein management, retreat from facility and seek other shelter.
 - (1) If no shelter is available, then move to low lying area or depression for safety.
2. During lighting alerts:
 - a. RCC or Holstein management contact personnel onsite to inform of lighting alerts.
 - (1) If RCC is responsible for notifying onsite personnel of lighting alerts, then Holstein management contacts various onsite work groups to help ensure alerts are received.
 - b. No work is performed during lighting alerts.

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6.3.9 Severe Weather (continued)

- c. Personnel in vehicles avoid direct contact with vehicle external conductive surfaces during lighting alerts.
- d. Personnel remain in Assemble Area until no lightning is detected within 30 miles of facility for 30 minutes.

6.3.10 Active Shooter or Hostile Intruder Onsite

1. If shots are heard, then perform the following:
 - a. Stop work and remain at current location unless it is dangerous to do so.
 - b. Contact facility management and provide at a minimum:
 - Number of shots heard
 - Estimated location of shots
 - c. Remain in contact with management and follow instructions unless unsafe to do so.

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6.3.10 Active Shooter or Hostile Intruder Onsite (continued)

2. If you see or receive notification a hostile intruder is on site, then perform the following:
 - a. Quickly determine most reasonable way to protect your life:
 - (1) Evacuate area if it does not put you in additional danger:
 - Move to a place where intruder is unlikely to find you.
 - Warn others but do not wait for them.
 - Do not stop and gather belongings, equipment, etc.
 - Help others evacuate if it can be conducted in a safe manner.
 - Help prevent persons from entering area where intruder is located.
 - Do not move wounded people unless instructed to do so by law enforcement.
 - Keep your hands visible and follow instructions from law enforcement.
 - Call 911 and management when safe to do so.

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6.3.10 Active Shooter or Hostile Intruder Onsite (continued)

- b. Hide if evacuation is not feasible:
 - (1) Find a place where intruder is unlikely to find you and you are out of sight.
 - (2) Select a closable, securable location providing protection if shots are fired.
 - Lock yourself in a room within a building or structure.
 - Close, lock, block, and/or obstruct any windows or doors in building/structure and room where you are located.
 - Invite others to join you as you proceed to and prepare area.
 - Turn off lights and light sources.
 - Eliminate sources of sound, including cell phones, and remain quiet.
 - Hide behind large and sturdy objects.
 - Do not trap or restrict your movement options.
 - Call 911 and management when safe to do so.
 - If intruder is nearby and you cannot speak, leave line open and allow 911 dispatcher to listen.
- c. Fight as last resort and only when your life is in imminent danger and law enforcement is not engaged:
 - (1) Attempt to disrupt or incapacitate intruder by:
 - Positioning yourself for attack if your area is breached.
 - Improvising weapons using materials within reach.
 - Acting as aggressively as possible against intruder.
 - Throwing items at intruder.
 - Yelling at intruder.

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6.3.10 Active Shooter or Hostile Intruder Onsite (continued)

- (2) If you are caught and subdued, then perform the following:
 - Never look intruder in the eyes.
 - Be submissive and obey all commands.
 - Do not appear to pose a challenge or threat.
3. When Law Enforcement arrives onsite perform the following:
 - Obey all instructions from law enforcement.
 - Put down any items in your hands (bags, jackets, etc.).
 - Immediately raise your hands and spread fingers.
 - Always keep your hands visible.
 - Avoid making quick movements toward law enforcement officers.
 - Avoid pointing, screaming, and yelling.
 - If you do not know direction to evacuate, then proceed in direction officers entered area.
 - Do not distract officers by stopping to ask for help or directions when evacuating.
 - Do not stop to help injured persons unless told to do so by law enforcement.
 - If law enforcement directs you to a safe area, stay there until released by law enforcement.

6.3.11 Suspicious Materials

1. Guidelines for observation of or exposure to suspicious material are provided in Attachment 2, Suspicious Material Guideline. Attachment 2 contains and explains a step-by-step process to determine if such suspicious material is a credible threat.
 - a. Refer to Attachment 3, Emergency Contact List for Emergency Contact List with names and telephone numbers.

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6.3.12 Other Emergency Conditions

1. Attachment 3, Emergency Contact List contains Emergency Contact names and telephone numbers.
2. Notify Site Management of the following:
 - Unusual odors
 - Unusual sounds
 - Acts or indications of vandalism
3. If suspicious persons are observed, then perform the following:
 - a. Dial 911.
 - b. Notify Site Management.
4. If evidence of damaged fire safety equipment, such as extinguisher, hoses, or any other safety hazards are observed, then notify Program Administrator, Assistant Program Administrator, or facility EHS Professional.

6.3.13 Crisis Management Team Activation and Local Media Notification

1. Activation of Duke Energy Crisis Management Team may be required for certain emergencies at facility.
2. Contact DERS point of contact for crisis communications including any of the following notification triggers:
 - Fatality occurring at, or as a result of, DERS operation.
 - Three or more hospitalizations resulting from single incident and occurring as result of DERS operation.
 - Incident requiring unplanned emergency response resource support from outside.
 - Incident requiring significant interface with, or on-ground presence from, regulatory or civil authorities.
 - Incidents of wide-spread media interest.
3. As result of emergency, notification to local media may be warranted.
 - a. Contact Duke Energy Public Affairs Department at [REDACTED] for assistance.

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6.4 Change Management of EAP

1. This EAP is updated expediently as EAP improvements or corrections are uncovered, reported to Holstein management, or obtained from Lessons Learned sessions.
2. Record improvements or corrections to EAP in Revision Summary section (page 2) of this document.

7.0 RECORDS

1. Attachment 1, Bomb Threat Checklist

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ATTACHMENT 1

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<< **Bomb Threat Checklist** >>

Record the exact message.

Ask caller to repeat message. Review the message recorded above.

Ask "WHO IS THIS?" _____

Ask "WHEN WILL THE BOMB GO OFF?" Indicate time bomb is set to go off.

_____ A.M. _____ P.M.

Ask "WHERE IS BOMB LOCATED?" Indicate location.

Ask "WHAT DOES BOMB LOOK LIKE?" Describe.

Ask "WHY ARE YOU DOING THIS?" Indicate reason.

Note any background noises (traffic, train, music, factory, etc.)

Voice: Male ___ Female ___ Young ___ Old ___ Excited ___ Calm ___

Accent (describe) _____

Speech impediment/characteristics

Other

Person receiving call _____

Phone number on which call was received _____

Date/Time call received ____/____/____ : ____ A.M./P.M.

<< Suspicious Material Guideline >>

IF YOU OBSERVE OR BECOME EXPOSED TO SUSPICIOUS MATERIAL:

- Do not touch, taste, or disturb the material.
- Do not shake or empty contents of suspicious envelopes or packages.
- Keep hands away from your nose, mouth, and eyes.
- If material is on shoes or clothing do not brush off. Thoroughly wash exposed skin with soap and water.
- Contact site management and the site's EHS Professional to determine if the threat is credible (See list of contacts).

EHS in conjunction with site management will assess the situation - Is the substance considered a credible threat?

The following questions may be used as a guide:

- Is the source of material in an envelope or package?
- Do non-employees have access to the area?
- Has the site received any specific threats?
- Could the material come from a likely non-hazardous source (e.g., ceiling tile, janitorial supplies, etc.)?
- Is there evidence of recent activity by construction workers, janitors, or maintenance?

No

Material is not considered a credible threat.

- Follow procedure for material cleaning and disposal.
- Document event and take action to prevent reoccurrence.
- Do not send material for precautionary testing.
- Do not contact law enforcement.
- No medical intervention warranted.
- Contact Human Resources (HR) for assistance with employee concerns if appropriate.

Yes

Material is considered a credible threat.

- Do not attempt to take a sample or disturb material. Area is considered a crime scene.
- Shut off fans, HVAC, or other devices that may disturb the material.
- If the substance is in an office, shut the door.
- Consult with law enforcement and follow their guidance (see Contact List shown above).
- Notify appropriate contacts in the Contact List shown above.
- Do not attempt to remove or clean up any unknown substance.
- Wait in the vicinity until assistance arrives to prevent tracking into other areas.
- Make a list of all personnel who were in the immediate area with the material.
- Site management will remain at onsite to evaluate conditions, decide on further action, and assure the safety of all personnel.
- Contact HR for assistance with employee concerns if appropriate.

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ATTACHMENT 3

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<< Emergency Contact List >>

Facility Contacts				
Description	Title/Address	Contact Name	Phone Number	Other
Emergency Announcements	Facility Leadership	██████████	██████████	██████████ ██████████
		██████████	██████████	██████████ ██████████
Facility Operations	Program Administrator (Area Manager)	██████████	██████████	NA
	Assistant Program Administrator (Solar Technician)	██████████	██████████	
	Evacuation Coordinator (Solar Technician)	██████████	██████████	
	Director of Solar	██████████	██████████	
	EHS Director	██████████	██████████	
	EHS Professional	██████████	██████████	
Monitoring Center	Renewable Control Center (RCC)	██████████	██████████	██████████ ██████████

Emergency Contacts				
Description	Title/Address	Contact Name	Phone Number	Other
Fire Department	Wingate Volunteer Fire Department 1521 TX-153 Wingate, TX 79566	Dispatcher	911	Non-emergency: (325)743-2726
Law Enforcement	Winters Police Department 312 South Main Street Winters, TX 79567	Operator	911	Non-emergency: (325)754-4121
Emergency Room	North Runnels Hospital 7821 TX-153 Winters, TX 79567	Operator	911	Emergency Room: (325)754-4553

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<< Emergency Contact List >>

State Contacts				
Description	Title/Address	Contact Name	Phone Number	Other
Reporting of Petroleum and/or Hazardous Materials Spills	Texas Commission of Environmental Quality (TCEQ)	Operator	Spill Reporting: (800)832-8224	
State Department of Transportation	Texas Department of Public Safety	Operator	(512)424-2000	
State Emergency Management	Texas Department of Public Safety 5805 North Lamar Blvd Austin, TX 78752-4422	Operator	(512)424-2000	
	Texas State Emergency Response Commission (SERC) P.O. Box 4087 Austin, TX 78773-0220		(512)424-2208	
State Fire Marshall	Texas State Fire Marshall's Office 333 Guadalupe Street Austin, TX 78701	Operator	(817)598-4281	
State Highway Patrol	Texas Department of Public Safety 5805 North Lamar Blvd Austin, TX 78752-4422	Operator or Dispatcher	(512)424-2000	

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<< Emergency Contact List >>

Federal Contacts				
Description	Title/Address	Contact Name	Telephone	Other
Reporting of Petroleum and/or Hazardous Materials Spill	National Response Center (NRC)	Emergency Operator	(800)424-8802	
Environmental Reporting	United States Environmental Protection Agency, Region 6 1445 Ross Avenue, Suite 1200 Dallas, TX 75202	Operator	In State: (800)887-6063	Out of State: (214)665-6444
Storm Tracking and Reports	National Weather Service (NWS)			Website: www.nws.noaa.gov

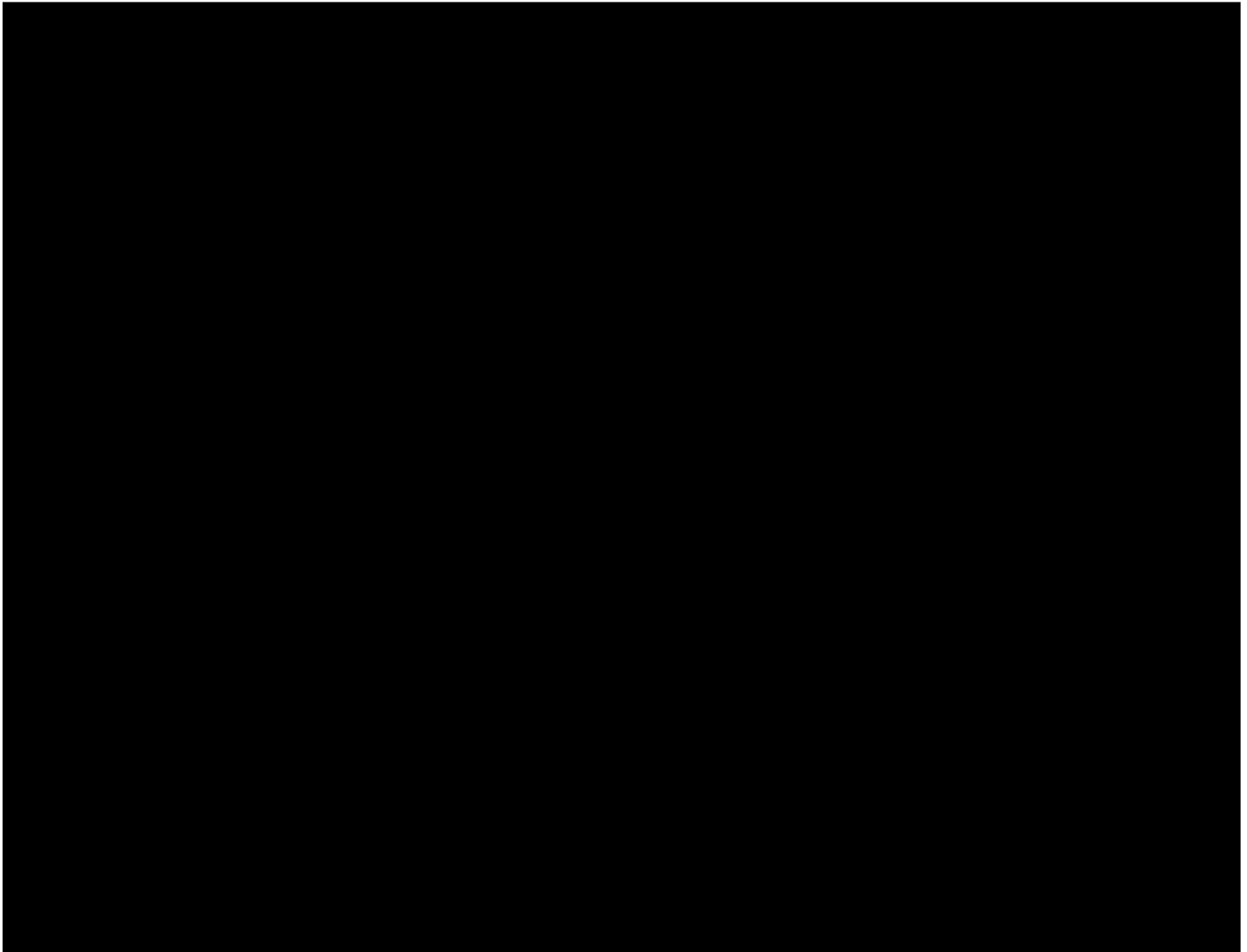
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<< Assembly Area >>

1. All Emergencies except Severe Weather: Assembly Area is outside of main Duke Energy trailer.
2. Severe Weather: Assembly Area is various service vehicles utilized by onsite personnel with such vehicles located offsite.
3. Evacuation Area: Front main gate



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ATTACHMENT 5

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<< Site Layouts >>

