

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 gators, 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, <u>if not</u> 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-LPTS	N/A	Reliability	Asset Reliability	BLOCK 1.2 NEXTRACKER ANNUAL TRACKER	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
SOT5-LPTS	N/A	Reliability	Asset Reliability	BLOCK 1.3 NEXTRACKER ANNUAL TRACKER	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
SOT5-LPTS	N/A	Reliability	Asset Reliability	BLOCK 1.4 NEXTRACKER ANNUAL TRACKER	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
SOT5-LPTS	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

SELECTION (Universal actions, Area, Technology, Site)	WIND 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	ASSIGNED 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 7-Siemens 2.3	Siemens 2.3	Reliability	Equipment - Critical	Form 1107: INSPECT AND CORRECT LEAKS ON EXTERIOR RADIATOR (IF LEAKS FOUND TAKE A PHOTO OF BEFORE AND AFTER)	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT

Area 7-Siemens 2.3	Siemens 2.3	Reliability	Equipment - Critical	Form 1107: INSPECT TOWER ACCESS DOOR WEATHER STRIPPING AND VERIFY NO DAMAGE	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 7-Siemens 2.3	Siemens 2.3	Reliability	Equipment - General	Form 1107: UPS BATTERY LOAD TESTING	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 7		Reliability	Equipment - Critical	LV1A/B--SEMI-ANNUAL TEST OF UPS IN SCADA FOR PROPER OPERATION	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	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

Siemens 2.3	Siemens 2.3	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 interbuss 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
Siemens 2.3	Siemens 2.3	Reliability	Equipment - Critical	SIE has tendency for water to accumulate in the hub - Turn on Dry out mode (downtower)	Just in Time	N/A	Alert	Standby	N/A	N/A	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	WPT
Siemens 2.3	Siemens 2.3	Reliability	Equipment - Critical	Turn OFF Dry out mode (downtower) in SIE once conditions have improved.	Just in Time	N/A	N/A	N/A	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 (Universal action, Area, Technology, Site)	WIND 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	ASSIGNED 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 7		Reliability	Equipment - Critical	LV1A/B--SEMI-ANNUAL TEST OF UPS IN SCADA FOR PROPER OPERATION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Open	WPT
Area 7-MHI 102-2.4	MHI 102-2.4	Reliability	Equipment - General	Form 1611: TOWER DOOR SEALS CONDITION	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 7-MHI 102-2.4	MHI 102-2.4	Reliability	Equipment - General	Form 1614: FUNCTION TEST CONTROLLER UPS	Scheduled PM	Normal	N/A	N/A	N/A	N/A	Cold	N/A	N/A	N/A	Open	WPT
Area 7-MHI 102-2.4	MHI 102-2.4	Reliability	Equipment - General	Form 1614: FUNCTION TEST LIGHT UPS	Scheduled PM	Normal	N/A	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/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 (Universal actions, Area, Technology , Site)	WIND TECHNOLOG Y	PURPOSE	TYPE OF ACTION	ACTION PLAN ITEMS	TIME OF ACTIO N	SL- NORM AL?	SL- ALERT ?	SL- STAND BY?	SL- ACTIVA TE?	SL- RECOV ERY?	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	Stand by	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	Stand by	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	Stand by	Active	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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 Rau]	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	Activate	Recovery	N/A	Heat	N/A	N/A	Open	WPT

ALL WIND		Reliability	Equipment - General	Ensure HVAC PMs on interbuss 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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	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	Stand by	N/A	Recovery	N/A	N/A	Hurricane & Tropical Storm	Flood	Open	Manager

SELECTION (Universal actions, Area, Technology, Site)	WIND TECHN OLOGY	PURPOSE	TYPE OF ACTION	ACTION PLAN ITEMS	TIME OF ACTIO N	SL-NORMAL?	SL-ALERT?	SL-STANDBY?	SL-ACTIVATE?	SL- RECOVERY?	EOP- COL D?	EOP- HEA T?	EOP- WIND?	EOP- FLOO D?	ACTI ON STAT US	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
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/D ocument	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/D ocument	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/D ocument	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 (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 & Equipme nt	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	Hurrica ne & Tropic al Storm	Flood	Open	WPT
ALL		Reliability	Assets & Equipme nt	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	Hurrica ne & Tropic al Storm	Flood	Open	Manag er
ALL		Reliability	Assets & Equipme nt	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	Hurrica ne & Tropic al Storm	Flood	Open	WPT
ALL		Reliability	Assets & Equipme nt	Provide Material Management with list of critical equipment to be pre-staged in safe location.	Descri ption Plan/D ocume nt	N/A	Alert	N/A	N/A	N/A	Cold	Heat	Hurrica ne & Tropic al Storm	Flood	Open	Manag er
ALL		Reliability	Assets & Equipme nt	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	Hurrica ne & Tropic al Storm	Flood	Open	Manag er
ALL		Reliability	Assets & Equipme nt	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	Hurrica ne & Tropic al Storm	Flood	Open	Manag er
ALL		Reliability	Assets & Equipme nt	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 & Equipme nt	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	Communi cations	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.	Descri ption Plan/D ocume nt	Normal	Alert	N/A	N/A	N/A	Cold	Heat	Hurrica ne & Tropic al Storm	Flood	Open	Manag er

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
Area 3-MESQ		Reliability	Asset Reliability	EMERGENCY BACK UP GENERATOR - ANNUAL MAINTENANCE STEWART AND STEVENSON	Scheduled PM	Normal	N/A	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/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 (Universal actions, Area, Technology, Site)	WIND 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	ASSIGNED 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