| ALL | N/A | Personne I Safety | - 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 | Personne I 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 | Personne I 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 | Personne I 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 | Personne I Safety | | 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 | Personne I Safety | Staging - | Provide water and hydration for site workers. | JIT & Schedul ed PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Personne I Safety | Supplies - O&M | Reorder and maintain water supply and electrolyte-replenishing fluids for forecast extreme heat | JIT & Schedul ed PM | Normal | Alert | N/A | N/A | Recovery | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Personne I Safety | | 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 | Personne I 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 | | | Maintain inventory of sun visors, water coolers, sunscreen, cooling gators, ice? etc. | JIT & Schedul ed PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Personne I 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 | Personne I Safety | | Communicate Wild Fire Escape Plans for Personnel | | N/A | Alert | Standby | Activate | N/A | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Personne | Travel - | Develop Fire Escape Plan for high risk work locations; consider having fire mock drill as part of the required quarterly drill. | Descripti on/Plan | Normal | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manager |
| ALL SOLAR | N/A | Personne I 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 | Hurrican e & Tropical Storm | Flood | Open | Manager |
| ALL SOLAR | N/A | | Communic ations | Establish/Review emergency notification process for lone workers. | Descripti on/Plan | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrican e & Tropical Storm | Flood | Open | Manager |
| ALL | N/A | Personne I Safety | Supplies - O&M | Maintain fire breaks- cut vegetation, not trench: spray around roads, pad mounts/turbines to control weeds | JIT & Schedul ed PM | N/A | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Reliability | | 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 & Schedul ed 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 | Schedul ed 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 & Schedul ed 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 & Schedul ed PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Reliability | - Critical | Ensure ARI Vehicle Maintenance was completed. Perform visual check of oil and water levels. | JIT & Schedul ed 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 & Schedul ed 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) | Schedul ed 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 | Schedul ed 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 | Schedul ed 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 & Schedul ed 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 | Schedul ed 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 | Schedul ed PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Reliability | The proof of the contract of t | Ensure HVAC Quarterly PMs on O&M A/C completed | Schedul ed 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 | Schedul ed 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 repsonse 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 | Demonstration of the second se | Park work trucks on roads/not on grassy areas (watch for clearance to vegetation, ie tail pipes) | Descripti on/Plan | N/A | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Reliability | and the state of t | 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 | 4 4 | Establish local vendor who could supply water tankers in addition to fire department | Descripti on/Plan | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Reliability | | 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 & Schedul ed PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manager |
| ALL | N/A | Safety & Reliability | | 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 | | Monitor wild fires when receiving a Red Flag Warning from Duke Weather Group. (confirm this is set up) | JIT & Schedul ed 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 | Hurrican e & 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 | Hurrican e & Tropical Storm | Flood | Open | Manager |
| ALL SOLAR | N/A | Reliability | Asset Reliability | Place trackers in horizontal STOW position 24 hours before arrival of high winds, if not forecast to be accompanied by snow accumulations, per tracker model operating manual (if applicable) | Just in Time | N/A | N/A | Standby | N/A | N/A | Cold | N/A | N/A | N/A | Open | Manager |
| ALL SOLAR | N/A | Reliability | Account to the second | 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 | NC ACCORDONATIONS | 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 | Hurrican e & Tropical Storm | N/A | Open | Manager |

| ALL SOLAR | N/A | Safety & | Asset Reliability | Ensure vegetation is in control in accordance with Vegetation Plan | JIT & Schedul | Normal | N/A | N/A | N/A | N/A | Cold | N/A | Hurrican e & | N/A | Open | Manager |
|-----------|-----|----------------------|----------------------|--|------------------|--------|-------|---------|-----|-----|------|-----|--------------------------------------|-------|------|---------|
| | | remability | rondonity | accordance with regulation rian | ed PM | | | | | | | | Tropical Storm | | | |
| ALL SOLAR | N/A | Reliability | Asset Reliability | Ensure greasing was completed on Slew Rings (gearbox) | Schedul ed PM | Normal | Alert | N/A | N/A | N/A | Cold | | Hurrican e & Tropical Storm | N/A | Open | Manager |
| ALL SOLAR | N/A | Reliability | Asset Reliability | Tracker Maintenance | Schedul ed PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | Hurrican e & Tropical Storm | N/A | Open | WPT |
| ALL SOLAR | N/A | Reliability | Asset Reliability | Tracker Inspections | Schedul ed PM | Normal | N/A | N/A | N/A | N/A | Cold | | Hurrican e & Tropical Storm | N/A | Open | WPT |
| SOT5-LPTS | N/A | Reliability | Asset Reliability | BLOCK 1.2 NEXTRACKER ANNUAL TRACKER | Schedul ed 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 | Schedul ed PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| SOT5-LPTS | N/A | Reliability | | BLOCK 1.4 NEXTRACKER ANNUAL TRACKER | Schedul ed PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| SOT5-LPTS | N/A | Reliability | | BLOCKS 1-6 ATI V3.0 ANNUAL TRACKER | Schedul ed PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | N/A | Personne I Safety | Communic ations | 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 predetermined evacuation routes. | Just in Time | N/A | N/A | Standby | N/A | N/A | N/A | N/A | Hurrican e & Tropical Storm | Flood | Open | Manager |
| ALL | N/A | Personne I 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 | Hurrican e & Tropical Storm | Flood | Open | Manager |

| SELECTIO N (Universal actions, Area, | TECHNOL | PURPOSE | TYPE OF ACTION | ACTION PLAN ITEMS | TIME OF ACTIO N | SL-NORMAL? | SL-ALERT? | SL-STANDBY? | SL-ACTIVATE? | SL- RECOVERY? | EOP- COLD? | | EOP- WIND? | EOP- FLOOD ? | | ASSIGN ED TO |
|--|---------|-------------------------|-----------------------------|---|--|------------|-----------|-------------|--------------|------------------|---------------|------|--|--------------------|------|-----------------|
| Technolog y, Site) | | | | | | | | | | | | | | | | |
| ALL | | Safety & Reliability | r-tan event bracean annuare | 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 | | 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 | 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 | | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | | Reliability | Equipment | Provide Material Management with list of critical equipment to be pre-staged in safe location. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Reliability | | 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 | | 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 & 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 | | 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 | ations | 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 | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Personn | Communic | Ensure current road conditions are | Just | N/A | N/A | N/A | Activate | N/A | Cold | N/A | Hurrica | Flood | Open | Manag |
|-----|------------------------|--------------------|--|--------------------|------|-------|---------|----------|----------|------|------|--|--------|------|-------------|
| ALL | Safety | ations | communicated to workforce. | in Time | IN/A | IWA | N/A | Activate | WA . | Colu | IV/A | ne & Tropic al Storm | 1 1000 | Ореп | er |
| ALL | Safety & Reliabilit | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliabilit | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit | Communic ations | Updates: Notify Leadership of current situations, (daily updates) | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit | Communic ations | Updates: Notify Leadership of current situations, (daily periodic updates) | Just in Time | N/A | N/A | Standby | Activate | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit | Communic ations | c 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn Safety | Communic ations | | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Personnel Safety | Communic ations | Communicate general safe work practices: Do not enter buildings, structures, or storage containers that | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic | Flood | Open | Manag er |
|-----|-------------------------|--------------------|---|--------------------|--------|-------|---------|----------|----------|------|------|--|-------|------|---------------------|
| | | | appear to be unstable or unsafe due to: structural damage, fire damage, natural gas odor or flood water. | | | | | | | | | al Storm | | | |
| ALL | Safety & Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personnel Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personnel Safety | Communic ations | 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 | Manag er |
| ALL | Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliability | Communic ations | 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 | Manag er |
| ALL | Safety & Reliability | Communic ations | 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 | Manag er |
| ALL | Safety & Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Relial | Consun les | cab 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 | Hurrica ne & Tropic al Storm | | Open | |
|-----|----------------|---------------------------|---|------------------------------|--------|-------|-----|-----|----------|------|------|--|-------|------|---------------------|
| ALL | Relia | Consun les | nab Ensure adequate supply of fuel for vehicles. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relial | Equipm - Critica | ent 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 | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | Relia | edity Equipm - Critica | ent Review list of critical equipment and components. Identify if they are vulernable 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relial | Equipm - Critica | ent 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | N/A | N/A | Open | WPT |
| ALL | Safet Relia | | ent Identify, procure, and store emergency equipment. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relia | Equipm - Critica | ent SUBSTATION EMERGENCY II GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relia | Equipm - Critica | ent SUBSTATION BACKUP GENERATOR ANNUAL MAINTENANCE | - Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Personnel | Equipment | SUBSTATION EMERGENCY | JIT & | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | WPT |
|-----|-------------------------|-------------------------|--|------------------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-----|
| | Safety | - Critical | GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | Sched uled PM | | | | | | | | ne & Tropic al Storm | | | |
| ALL | Personnel Safety | Equipment - Critical | SUBSTATION BACKUP GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | Equipment - Critical | O&M BUILDING EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al 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 & Sched uled 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliability | | 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 | | Check and remove standing water from oil containment areas. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | | 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 | | 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 | | 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 Reliab | | nt MONTHLY PROPANE TANK INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |
|-----|------------------|------------------|--|------------------------------|--------|-------|-----|-----|----------|------|------|--|-------|------|-----|
| ALL | Perso Safety | | t 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 Reliab | | t FACILITY FIRE PREVENTION & EHS - QUARTERLY WALKDOWN | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Perso Safety | | t FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliab | Facilities | Take photographs or videos of property damage. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety Reliab | | Inspect and repair: Buildings and structures | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety Reliab | | Inspect and repair: Storage containers | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety Reliab | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Perso Safety | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Perso Safety | nnel 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliab | lity 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 | Reliab | ility 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Reliabil | ty 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
|-----|------------------|-------------------|---|------------------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-----|
| ALL | Reliabil | ty Facilities | Secure onsite storage units (tie down if possible) | Just in Time | N/A | N/A | Standby | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | N/A | Open | WPT |
| ALL | Reliabil | ty Facilities | Inspect and drain oil spill secondary containment areas | Just in Time | N/A | N/A | Standby | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabil | ty Facilities | Remove hazardous chemicals from site | Just in Time | N/A | N/A | Standby | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabil | ty Facilities | Empty and secure trash containers and dumpsters | Just in Time | Normal | N/A | Standby | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabil | ty 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 | Open | WPT |
| ALL | Safety Reliabil | | ANNUAL WINTER O&M MAINTENANCES | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |
| ALL | Reliabil | ty Facilities | MONTHLY O&M HVAC CHECKS (including filters) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabil | | QUARTERLY HVAC O&M INSPECTION (all units) | JIT & Sched uled PM | | Alert | N/A | N/A | N/A | Cold | N/A | | N/A | Open | |
| ALL | Reliabil | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Person Safety | Security | Obtain security resources to guard site, as needed. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Safety & Reliability | Security | Inspect and repair: Site fencing, gates, and barriers, e.g., cattle guards | Just | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & | Flood | Open | WPT |
|-----|-------------------------|---------------------------|--|--|-----|-------|---------|-----|----------|------|------|--|-------|------|-------------|
| | , | | | Time | | | | | | | | Tropic al Storm | | | |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | Staging - Equipment | Determine what equipment should be staged, inventoried and ready for each storm level. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al 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 | Reliab | 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 | Reliab | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliab | Substation - Readiness | Check pressure on Switchyard MPTs, (seasonal) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety Reliab | | Inspect and repair: Substations and power stations | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliab | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliab | Substation - Readiness | ANNUAL SUBSTATION GENERAL INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliab | Substation - Readiness | MONTHLY SUBSTATION INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliab | Substation - Readiness | QUARTERLY HVAC SUBSTATION INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Persor Safety | O&M | Provide stores of food, hygiene products, blankets, etc. at O&M bldg. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | | Open | |
| ALL | Safety Reliab | | Identify, procure, and store emergency supplies. | Just in Time | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Personne Safety | Supplies - O&M | FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched uled | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic | Flood | Open | WPT |
|-----|-------------------------|----------------------------|--|--|--------|-------|---------|-----|-----|------|------|--|-------|------|-------------|
| ALL | Personne Safety | Supplies - O&M | EMERGENCY RESPONSE EQUIPMENT ARK & SPEC PAC - QUARTERLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | al Storm Hurrica ne & Tropic al | Flood | Open | WPT |
| ALL | Personne 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. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | N/A | Storm N/A | N/A | Open | WPT |
| ALL | Personne 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. | Descri ption Plan/D ocume nt | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personne 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 | Hurrica ne & Tropic al 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 | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliability | Weather Forecastin g | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personne Safety | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Safety & | Weather | Begin Extreme Weather or Storm event | Just | N/A | Alert | Standby | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | Manag |
|-----|-------------------------|-----------------------|---|---------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-------------|
| | Reliability | Forecastin g | (Cold, Heat, Wind or Flood) tracking using projected paths from NWS on the Duke Energy Weather Center. | in Time | | | | | | | | ne & Tropic al Storm | | | er |
| ALL | Personnel Safety | Facilities | FIRE EXTINGUISHER - MONTHLY VISUAL INSPECTION | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al 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 | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| 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 show, or items impacted by heavy icing or falling ice | 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 | conditions Check remote functionality of wind turbines or solar arrays | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al | 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 | Storm Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Reliability | Asset Reliability | TRANSMISSION AND DISTRIBUTION POLE INSPECTIONS | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & 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 | Hurrica ne & Tropic al Storm | N/A | Open | Manag er |
| 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) | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |

| Area 7- | Siemens | Reliability | Equipment | Form 1107: INSPECT TOWER | Sched | Normal | N/A | N/A | N/A | N/A | Cold | N/A | IN/A | N/A | Open | WPT |
|---------------------------|----------------|---------------------|-------------------------|--|--|--------|-------|---------|----------|-----|------|------|------|-----|------|-------------|
| Siemens 2.3 | 2.3 | , | - Critical | ACCESS DOOR WEATHER STRIPPING AND VERIFY NO DAMAGE | uled PM | | | | | | | | | | | |
| Area 7- Siemens 2.3 | Siemens 2.3 | Reliability | - General | Form 1107: UPS BATTERY LOAD TESTING | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | |
| Area 7 | | Reliability | Equipment - Critical | LV1A/BSEMI-ANNUAL TEST OF UPS IN SCADA FOR PROPER OPERATION | | | 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 | Manag er |
| 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 | Manag er |
| 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. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manag er |
| ALL WIND | | Reliability | Equipment - Critical | Ensure greasing was completed on Autogreasers | Sched uled PM | Normal | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | |
| ALL WIND | | Reliability | Equipment - Critical | Review open WO's and PMs; Ensure greasing was completed on Autolubers | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | F. 3.55 | 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 & Sched uled 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 & Sched uled | 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. | PM Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 & Sched uled 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 | Sched uled 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 & Sched uled 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 & Sched uled 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 & Sched uled 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 & Sched uled 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) | | 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 | Sched uled 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 | | 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 | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |

| Siemens 2.3 | Siemens 2.3 | Reliability | 1 | Ensure PMs were completed on radiator fans | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
|----------------|-------------|---------------------|------------------------|--|------------------------------|--------|-------|---------|----------|----------|-----|------|-----|-----|------|-----|
| ALL WIND | GE ?? | Reliability | - General | Ensure PMs were completed on radiator fans | uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | |
| ALL WIND | | Reliability | - General | Ensure PMs were completed on generator fans | uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | | N/A | N/A | Open | |
| ALL WIND | | Reliability | - 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 & Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliability | | Ensure PMs were completed on nacelle fans | Sched uled 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) | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | |
| ALL | | Reliability | Equipment - General | Ensure Monthly PMs completed check on Glycol 50/50 on Back-up Generators | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | - General | Ensure ARI Maintenance completed; Inspect water in radiators and batteries | uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | | N/A | N/A | Open | |
| ALL | | Reliability | - 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 | | Ensure Monthly PMs of main power transformer completed; turn "on" to manual | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | - General | Ensure Monthly PMs completed on Back-up Generators | JIT & Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | - General | Check for open WO's. Ensure HVAC Quarterly PMs on substation A/C completed; Monitor Supervisory Alarm | JIT & Sched uled PM | | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | - General | Ensure HVAC Quarterly PMs on O&M A/C completed | JIT & Sched uled PM | | Alert | Standby | Activate | Recovery | N/A | Heat | | N/A | Open | |
| ALL | | Reliability | Equipment - General | Ensure HVAC Quarterly PMs of IT/SCADA room completed | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | |
| ALL | | Personnel Safety | Supplies - O&M | Reorder and maintain water supply and electrolyte-replenishing fluids for forecast extreme heat | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |

| ALL | Personnel | Staging - | Provide water and hydration for site | JIT & | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | IM/DT |
|-----|---------------------|--------------------|--|--|--------|-------|------|------|------|------|------|------|------|------|-----------------|
| ALL | Safety | Vehicles | workers. | Sched uled PM | Normai | Aleit | IN/A | IN/A | IN/A | IN/A | Пеаг | IN/A | IN/A | Ореп | VVF1 |
| ALL | Personnel Safety | Communic ations | Ensure lighter clothing and apparel options worn by workers meet safety standards. | | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Communic ations | Establish work rest and hydration protocol on hot and humid work days. | | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| 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 | Communic ations | 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 | Manage r |
| ALL | Personnel Safety | Communic ations | 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 | Manage r |
| 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 | Communic ations | 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 | Manage r |
| ALL | Personnel Safety | Communic ations | Establish hydration plan and means to remind workers to adequately hydrate (e.g., drinking water, electrolyte-replenishing fluids) | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Communic ations | 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 | Manage r |
| 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 | Manage r |
| 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 | Manage r |

| 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.] | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
|----------------|-------------|-------------------------|---------------------------|---|--|--------|-------|---------|----------|----------|-----|------|--|-------|------|-------------|
| ALL | | Personnel Safety | Communic ations | Establish expectation for use of sunscreen to minimize sunburn and skin damage. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | | Reliability | | 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| 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 | Manage r |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| Siemens 2.3 | Siemens 2.3 | Reliability | Equipment - Critical | SIE has tendancy 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | | Safety & Reliability | Facilities | Maintain roofing, windows, etc. to avoid leaks | JIT & Sched uled PM | Normal | Alert | N/A | N/A | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| 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) | Descri ption Plan/D | | N/A | N/A | N/A | Recovery | N/A | N/A | N/A | Flood | Open | Manage r |
|-----|---------------------|-----------------------|---|---|-----|-------|---------|----------|----------|------|-----|--|-------|------|-------------|
| ALL | Reliability | Asset Reliability | Recovery Planning: Replacing culverts - \$50k) | ocume nt Descri ption Plan/D ocume | N/A | N/A | N/A | N/A | Recovery | N/A | N/A | N/A | Flood | Open | Manage r |
| ALL | Personnel Safety | Communic ations | Increase communications on potential for Slips, trips, falls in wet conditions. (SIE has history of slippery platforms.) | nt Just in Time | N/A | Alert | Standby | Activate | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personnel Safety | Communic ations | Communications with staff on road conditions; avoid roads until safe | Just in Time | N/A | N/A | Standby | Activate | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| 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 | Communic ations | 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. | in Time | N/A | N/A | Standby | N/A | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |

| 100000 | WIND | PURPOSE | TYPE OF | ACTION PLAN ITEMS | ТІМЕ | SL-NORMAL? | SL-ALERT? | SL-STANDBY? | SL-ACTIVATE? | SL- | EOP- | | EOP- | EOP- | ACTIO | ASSIGN |
|-----------------------------------|----------------|-----------------------------|---|---|--|------------|-----------|-------------|--------------|-----------|-------|-------|--|------------|-----------------|-------------|
| (Unive rsal action s, Area, Techn | TECHNOLO GY | | ACTION | | OF ACTIO N | | | | | RECOVERY? | COLD? | HEAT? | WIND? | FLOOD ? | N STATU S | ED TO |
| ology, Site) | | | | | | | | | | | | | | | | |
| ALL | | Safety & Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | | Reliabilit y | Assets & Equipment | Provide Material Management with list of critical equipment to be pre-staged in safe location. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Reliabilit y | 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 | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Reliabilit y | 331000000000000000000000000000000000000 | 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 | | Reliabilit y | 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 & Reliabilit y | Communic ations | 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. | | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Personn el Safety | | Ensure current road conditions are communicated to workforce. | Just in Time | N/A | N/A | N/A | Activate | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
|-----|-----------------------------|--------------------|--|--------------------|-----|-------|---------|----------|----------|------|------|--|-------|------|-------------|
| ALL | Safety & Reliabilit y | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliabilit y | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit y | Communic ations | Updates: Notify Leadership of current situations, (daily updates) | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit y | Communic ations | Updates: Notify Leadership of current situations, (daily periodic updates) | Just in Time | N/A | N/A | Standby | Activate | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit y | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit y | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn el Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn el Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn el Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn el Safety | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Personn el Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
|-----|-----------------------------|--------------------|--|--------------------|--------|-------|---------|----------|----------|------|------|--|-------|------|---------------------|
| ALL | Safety & Reliabilit y | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn el Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit y | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | Reliabilit y | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn el Safety | Communic ations | 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 | Manag er |
| ALL | Reliabilit y | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliabilit y | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliabilit y | Communic ations | 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 | Manag er |
| ALL | Safety & Reliabilit y | Communic ations | 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 | Manag er |
| ALL | Safety & Reliabilit y | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Reliabilit y | Consumab les | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
|-----|-----------------------------|-------------------------|---|------------------------------|--------|-------|-----|-----|----------|------|------|--|-------|------|---------------------|
| ALL | Reliabilit y | Consumab les | Ensure adequate supply of fuel for vehicles. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | Reliabilit y | Equipment - Critical | Review list of critical equipment and components. Identify if they are vulernable 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | N/A | N/A | Open | WPT |
| ALL | Safety & Reliabilit y | | Identify, procure, and store emergency equipment. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | Equipment - Critical | SUBSTATION EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | Equipment - Critical | SUBSTATION BACKUP GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | | Equipment - Critical | SUBSTATION EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | | | WPT |
|-----|-----------------------------|-------------------------|--|------------------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-----|
| ALL | Personn el Safety | | SUBSTATION BACKUP GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | | · | |
| ALL | Reliabilit y | Equipment - Critical | O&M BUILDING EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn el Safety | Equipment - Critical | O&M BUILDING EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | Equipment - Critical | MONTHLY NERC IEEE 1188 VLA or IEEE 488 VLA BATTERY BANKS TESTING (As applicable. May be multiple battery banks.) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | Equipment - Critical | QUARTERLY SUBSTATION IEEE 1188 or 488 VLA BATTERY TESTING | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | 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 | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | 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 & Reliabilit y | 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 & Reliabilit | | 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 & Reliabilit y | | MONTHLY PROPANE TANK INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |
| ALL | Personn el 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 & Reliabilit y | Equipment - Safety | FACILITY FIRE PREVENTION & EHS - QUARTERLY WALKDOWN | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Personn el Safety | Equipment - Safety | FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | Facilities | Take photographs or videos of property damage. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabilit y | Facilities | Inspect and repair: Buildings and structures | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabilit y | Facilities | Inspect and repair: Storage containers | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn el 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn el 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | 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 | Open | WPT |

| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
|-----|-----------------------------|-------------------|---|------------------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-----|
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | Facilities | Secure onsite storage units (tie down if possible) | Just in Time | N/A | N/A | Standby | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | N/A | Open | WPT |
| ALL | Reliabilit y | Facilities | Inspect and drain oil spill secondary containment areas | Just in Time | N/A | N/A | Standby | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | Facilities | Remove hazardous chemicals from site | Just in Time | N/A | N/A | Standby | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | Facilities | Empty and secure trash containers and dumpsters | Just in Time | Normal | N/A | Standby | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | 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 | Open | WPT |
| ALL | Safety & Reliabilit y | Facilities | ANNUAL WINTER O&M MAINTENANCES | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | | Open | WPT |
| ALL | Reliabilit y | Facilities | MONTHLY O&M HVAC CHECKS (including filters) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | Facilities | QUARTERLY HVAC O&M INSPECTION (all units) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Personn el Safety | Security | Obtain security resources to guard site, as needed. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic | Flood | Open | WPT |
|-----|-----------------------------|---------------------------|--|--------------------|-----|-----|---------|-----|----------|------|------|--|-------|------|-------------|
| ALL | Safety & Reliabilit y | 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 | al Storm Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabilit y | Security | Inspect and correct site fencing and gates | Just in Time | N/A | N/A | Standby | N/A | N/A | Cold | N/A | DAMAGE AND THE STATE OF THE STA | N/A | Open | WPT |
| ALL | Personn el 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn el 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 | Personn el 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 | Personn el Safety | Site Access - Roads | Clear snow and/or ice accumulations: Facility sidewalks, steps and entry ways | Just | N/A | N/A | N/A | N/A | Recovery | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Personn el 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 | Personn el 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 | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn el 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Reliabilit y | | Determine what equipment should be staged, inventoried and ready for each storm level. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
|-----|-----------------------------|------------------------------|--|--|--------|-------|---------|-----|----------|------|------|--|-------|------|-----|
| ALL | Reliabilit y | 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 | Reliabilit y | 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 | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | Substation - Readiness | Check pressure on Switchyard MPTs, (seasonal) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabilit y | Substation - Readiness | Inspect and repair: Substations and power stations | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | Substation - Readiness | ANNUAL SUBSTATION GENERAL INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | Substation - Readiness | MONTHLY SUBSTATION INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | Substation - Readiness | QUARTERLY HVAC SUBSTATION INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |

| ALL | Personn el Safety | Supplies - O&M | Provide stores of food, hygiene products, blankets, etc. at O&M bldg. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | N/A | Open | WPT |
|-----|-----------------------------|-----------------------|--|--|--------|-------|-----|-----|-----|------|------|--|-------|------|-------------|
| ALL | Safety & Reliabilit y | Supplies - O&M | Identify, procure, and store emergency supplies. | Just in Time | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn el Safety | Supplies - O&M | FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn el Safety | Supplies - O&M | EMERGENCY RESPONSE EQUIPMENT ARK & SPEC PAC - QUARTERLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn el 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. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Personn el Safety | | Standards: Develop list of standard items that will constitute a HOT Weather Vehicle Kit (water, etc.). When and how to deploy. Create inspection checklist. | ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Safety & Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn el 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabilit y | | 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 & Reliabilit y | 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 | | Manag er |
| ALL | Safety & Reliabilit y | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Safety & Reliabilit | | Potential Impact: Determine if weather system will likely cause hazardous | Just in | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & | Flood | Open | Manag er |
|-----|-----------------------------|-------------------------------|---|---------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-------------|
| | У | g | weather to site. | Time | | | | | | | | Tropic al Storm | | | |
| ALL | | Weather Forecastin g | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliabilit y | Weather Forecastin g | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn el Safety | Facilities | FIRE EXTINGUISHER - MONTHLY VISUAL INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | | Assets & Equipment | SELF CONTAINED EMERGENCY EYEWASH STATION - MONTHLY INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | | Assets & Equipment | MONTHLY SITE INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | Assets & Equipment | SPCC CONTAINER AND SECONDARY CONTAINMENT - MONTHLY INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | Assets & Equipment | SPCC SPILL RESPONSE EQUIPMENT - QUARTERLY INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | 7,700,000,000,000,000,000,000 | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | | Asset Reliability | Inspect and repair: Wind turbines or solar arrays | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Reliabilit y | Asset Reliability | Replenish inventory of non-perishable emergency supplies and equipment. | Just in Time | Normal | Alert | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
|-----|-----------------------------|----------------------|---|--------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-------------|
| ALL | Reliabilit y | 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 | Manag er |
| ALL | Reliabilit y | Asset Reliability | Direct WPT to complete specific Emergency Weather Audit. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliabilit y | 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 show, 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 | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | N/A | Open | WPT |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | N/A | Open | WPT |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | | Reliabilit y | Asset Reliability | TRANSMISSION AND DISTRIBUTION POLE INSPECTIONS | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |
|------------------------------|-----------------|----------------------|-------------------------|--|--|--------|-------|---------|----------|-----|------|------|--|-------|------|-------------|
| ALL WIND | | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | | · | Manag er |
| Area 7 | | Reliabilit y | Equipment - Critical | LV1A/BSEMI-ANNUAL TEST OF UPS IN SCADA FOR PROPER OPERATION | Sched uled 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 | Reliabilit y | | Form 1611: TOWER DOOR SEALS CONDITION | Sched uled 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 | Reliabilit y | | Form 1614: FUNCTION TEST CONTROLLER UPS | Sched uled 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 | Reliabilit y | | Form 1614: FUNCTION TEST LIGHT UPS | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | 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 | Manag er |
| ALL | | Personn el 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 | Manag er |
| ALL | | Personn el 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. | Descri ption Plan/D ocume nt | Normal | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manag er |
| ALL WIND | | Reliabilit y | Equipment - Critical | Ensure greasing was completed on Autogreasers | Sched uled PM | Normal | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Review open WO's and PMs; Ensure greasing was completed on Autolubers | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Review open WO's and PMs; Ensure greasing was completed on Pitch Rams | | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Ensure greasing was completed on Blades | | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Ensure greasing was completed on Main Bearings | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |

| ALL | | Reliabilit | Equipment | Ensure greasing was completed on | School | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | IM/PT |
|-------------|--------|-----------------|-------------------------|--|------------------------------|--------|-------|------|-------|-------|------|-------|-----|------|------|-------|
| WIND | | у | - Critical | Yaw Bearings | uled PM | Normai | Alert | IV/A | 14//4 | IV//A | IV/A | lieat | | IV/A | Орен | VVI |
| ALL WIND | | Reliabilit y | Equipment - Critical | Ensure greasing was completed on Generator Bearings | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Ensure greasing was completed on Yaw Rings | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Ensure greasing was completed on Yaw Pucks | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Ensure greasing was completed on Yaw Gear | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | Staging - Vehicles | ARI Maintenance - on-road vehicles; JIT Inspection? | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | Staging - Vehicles | ARI Maintenance - off-road vehicles; JIT Inspection? | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Check for open WO's. Ensure scheduled maintenance including oil levels were completed on Pitch Rams. | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Ensure oil levels were maintained on Main Bearing | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Suzlon | Reliabilit y | Equipment - Critical | Ensure oil levels were maintained on Rotor Lock Pin | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Vestas | Reliabilit y | Equipment - Critical | Ensure oil levels were maintained on Rotor Lock Pin | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - Critical | Ensure oil levels were maintained on Disc Brakes | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | Equipment - Critical | Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul] | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | Equipment - Critical | Ensure oil levels were maintained on Radiator fans | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | Equipment - Critical | Ensure oil levels were maintained on Back-up Generators | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | |
| ALL | | Reliabilit y | Equipment - Critical | Ensure PMs completed. Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul] | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |

| ALL | | Reliabilit | Equipment | Ensure ARI Vehicle Maintenance was | JIT & | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | IN/A | Open | MDT |
|-------------|------------------|-----------------|---|---|------------------------------|--------|-------|---------|----------|----------|------|------|------|------|------|------|
| ALL | | у | - Critical | completed. Perform visual check of oil and water levels. | Sched uled PM | Normal | Aleit | N/A | IN/A | IN/A | IN/A | Пеаг | IN/A | IN/A | Ореп | VVF1 |
| ALL | | Reliabilit y | Equipment - Critical | ARI off-road vehicle Maintenance completed; JIT Inspection? | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | - Critical | Ensure PMs completed. Monitor SCADA Alerts; Check Glycol 50/50 level (If ABB Inverter, curtail at 122 D and shutdown at 140 D) | uled PM | Normal | Alert | N/A | N/A | N/A | N/A | | N/A | N/A | Open | |
| ALL WIND | Vestas (V136) | Reliabilit y | Equipment - General | Check water levels in cooling systems | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Nordex?? | Reliabilit y | Equipment - General | Check water levels in cooling systems | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Suzion | Reliabilit y | Equipment - General | Ensure PMs were completed on radiator fans | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | GE ?? | Reliabilit y | Equipment - General | Ensure PMs were completed on radiator fans | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | | Ensure PMs were completed on generator fans | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | 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 & Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliabilit y | Equipment - General | Ensure PMs were completed on nacelle fans | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | Equipment - General | Ensure PMs completed. Monitor SCADA Alerts; Check Glycol 50/50 level (ABB Curtail at 122 D and shutdown at 140 D) | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | Equipment - General | Ensure Monthly PMs completed check on Glycol 50/50 on Back-up Generators | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | 100000000000000000000000000000000000000 | Ensure ARI Maintenance completed; Inspect water in radiators and batteries | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliabilit y | 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 | | Reliabilit y | Equipment - General | Ensure Monthly PMs of main power transformer completed; turn "on" to manual | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |

| ALL | Reliabilit | Equipment | Ensure Monthly PMs completed on | JIT & | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
|-----|----------------------|-----------------------|--|--|--------|-------|---------|----------|----------|-----|------|-----|-----|------|-----------------|
| | У | - General | Back-up Generators | Sched uled PM | | | | | | | | | | | |
| ALL | Reliabilit y | | Check for open WO's. Ensure HVAC Quarterly PMs on substation A/C completed; Monitor Supervisory Alarm | JIT & Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | - General | | JIT & Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Reliabilit y | | Ensure HVAC Quarterly PMs of IT/SCADA room completed | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Personn el Safety | Supplies - O&M | Reorder and maintain water supply and electrolyte-replenishing fluids for forecast extreme heat | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Personn el Safety | Staging - Vehicles | Provide water and hydration for site workers. | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Personn el Safety | | Ensure lighter clothing and apparel options worn by workers meet safety standards. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personn el Safety | | Establish work rest and hydration protocol on hot and humid work days. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personn el 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 | Personn el Safety | | 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 | Manage r |
| ALL | Personn el Safety | Communic ations | 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 | Manage r |
| ALL | Personn el 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 | Personn el 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 | Personn el 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 | Personn | Communic | Establish expectation that hydration | Just | Normal | Alert | N/A | N/A | N/A | N/A | Heat | IN/A | N/A | Open | Manage |
|-----|----------------------|---------------------------|---|--|--------|-------|---------|----------|----------|-----|------|--|-------|------|-------------|
| | el Safety | ations | 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.) | in Time | | | | | | | | | | · | r |
| ALL | | Communic ations | Establish hydration plan and means to remind workers to adequately hydrate (e.g., drinking water, electrolyte-replenishing fluids) | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personn el Safety | Communic ations | 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 | Manage r |
| ALL | Personn el 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 | Manage r |
| ALL | Personn el 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 | Manage r |
| ALL | Personn el 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.] | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personn el Safety | Communic ations | Establish expectation for use of sunscreen to minimize sunburn and skin damage. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Reliabilit y | 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 | Personn el Safety | Supplies - O&M | Maintain inventory of sun visors, water coolers, sunscreen, cooling gators, ice? etc. | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personn el 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 | Manage r |
| ALL | Personn el 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |

| ALL WIND | Reliabilit y | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
|-------------|-----------------------------|-------------------------|--|--|--------|-------|---------|----------|----------|------|-----|--|-------|------|-------------|
| ALL | Safety & Reliabilit y | Facilities | Maintain roofing, windows, etc. to avoid leaks | JIT & Sched uled PM | Normal | Alert | N/A | N/A | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Safety & Reliabilit y | 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 | Reliabilit y | Asset Reliability | Recovery Planning: Vegetation buffers die from heavy rain or flooding (can run above \$50K threshold) | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | Recovery | N/A | N/A | N/A | Flood | Open | Manage r |
| ALL | Reliabilit y | Asset Reliability | Recovery Planning: Replacing culverts - \$50k) | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | Recovery | N/A | N/A | N/A | Flood | Open | Manage r |
| ALL | Personn el Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personn el Safety | Communic ations | Communications with staff on road conditions; avoid roads until safe | Just in Time | N/A | N/A | Standby | Activate | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personn el 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 | Personn el Safety | | 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 predetermined evacuation routes. | Just in Time | N/A | N/A | Standby | N/A | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personn el 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |

| SELECTION | WIND | PURPOSE | TYPE OF | ACTION PLAN ITEMS | ТІМЕ | SL- | SL- | SL- | SL- | SL- | EOP- | EOP- | EOP- | EOP- | ACTIO | ASSIGN |
|--|----------------|-------------------------|-----------------------|---|--|-------------|------------|--------------|---------------|---------------|-------|-------|--|------------|-------|-------------|
| (Universal actions, Area, Technology , Site) | TECHNOLOG Y | | ACTION | | OF ACTIO N | NORM AL? | ALERT ? | STAND BY? | ACTIVA TE? | RECOV ERY? | COLD? | НЕАТ? | WIND? | FLOOD ? | | 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | | Manag er |
| ALL | | Reliability | 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 | Norma I | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | | Reliability | | Provide Material Management with list of critical equipment to be pre-staged in safe location. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Reliability | | 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 | | Ensure propane tanks are protected from extreme cold and potentially high winds. | Just in Time | N/A | N/A | Stand by | N/A | N/A | Cold | 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 | Stand by | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | | Safety & Reliability | ations | 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. | | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Personnel Safety | AMERICAN STREET | Ensure current road conditions are communicated to workforce. | Just in Time | N/A | N/A | N/A | Activa te | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Safety Reliabi | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
|-----|-------------------|--|--|--------------------|-----|-------|-------------|--------------|--------------|------|-------------------|--|-------|------|-------------|
| ALL | Safety Reliabi | and and a second | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabi | Communic ations | updates) | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabi | ity Communic ations | Updates: Notify Leadership of current situations, (daily periodic updates) | Just in Time | N/A | N/A | Stand by | Activa te | Recove ry | Cold | procedure occurs. | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabi | Communic ations | Communicate and review return to service report with DESS Management and RCC. | Just in Time | N/A | N/A | N/A | N/A | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabi | Communic ations | 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Person Safety | nel Communic ations | 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Person Safety | nel Communic ations | 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Person Safety | nel Communic ations | Communicate general safe work practices: Look for downed power lines; avoid, if identified. | Just in Time | N/A | N/A | N/A | N/A | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Person Safety | nel Communic ations | 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | F | Personnel | Communic | Communicate general safe work practices: Do not enter | Just | N/A | N/A | N/A | N/A | Recove | Cold | Heat | Hurrica | Flood | Open | Manag |
|-----|---|-------------------------|--------------------|---|--------------------|------------|-------|-------------|--------------|--------------|------|--------|--|-------|------|---------------------|
| | | Safety | ations | buildings, structures, or storage containers that appear to be unstable or unsafe due to: structural damage, fire damage, natural gas odor or flood water. | in Time | | | | | ry | | | ne & Tropic al Storm | | | er |
| ALL | | Safety & Reliability | Communic ations | 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 | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Personnel Safety | Communic ations | Ensure all employees will receive daily reports with extreme weather and storm tracking information from RCC. | Just in Time | Norma I | Alert | Stand by | Activa te | Recove ry | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | E | Reliability | Communic ations | 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 | 907000 | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | F | Reliability | Communic ations | Identify and notify essential personnel required for emergency weather (storm) duty. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Personnel Safety | Communic ations | 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 | Manag er |
| ALL | E | Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Safety & Reliability | Communic ations | 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 | Stand by | N/A | N/A | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Safety & Reliability | Communic ations | Inform all employees, visitors and impacted stakeholders when non-essential personnel should evacuate site. | Just in Time | N/A | N/A | Stand by | N/A | N/A | Cold | N/A | N/A | N/A | Open | Manag er |
| ALL | | Safety & Reliability | Communic ations | Direct personnel sheltering at home on how to receive daily information for return to work instructions | Just in Time | N/A | N/A | Stand by | N/A | N/A | Cold | N/A | N/A | N/A | Open | Manag er |
| ALL | | Safety & Reliability | Communic ations | 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 | Activa te | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Relia | bility Cons | sumabl | Check that Diesel and propane levels are adequate. | Just | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | WPT |
|---------------|----------------|--|--------|--|------------------------------|------------|-------|-----|-----|--------------|------|--------------|--|-------|------------|---------------------|
| / | | es | | Tractor and winter equipment - fluids are prepared for cold temperatures, such as windshield washer. | | | , | | | | | | ne & Tropic al Storm | | - - | |
| ALL | Relia | ability Cons | sumabl | Ensure adequate supply of fuel for vehicles. | Just in Time | N/A | N/A | N/A | N/A | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relia | , | | Confirm completion of scheduled weather-related Preventative Maintenance activities in Maximo | Just in Time | Norm al | N/A | N/A | N/A | N/A | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | Relia | IN THE RESERVE | tical | Review list of critical equipment and components. Identify if they are vulernable 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, firesprinkler systems, windshield washer fluid; heat tracing for appropriate equipment.) | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relia | | tical | | JIT & Sched uled PM | Norm al | Alert | N/A | N/A | N/A | Cold | Heat | N/A | N/A | Open | WPT |
| ALL | Safel Relia | The state of the s | • | Identify, procure, and store emergency equipment. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | 527000 52200 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relia | ability Equip - Crit | | | Sched uled PM | Norma I | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relia | | | SUBSTATION BACKUP GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Norma I | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Perso Safet | Andrew Control of the | tical | HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Pore | sonnel | Equipment | SUBSTATION BACKUP GENERATOR - MONTHLY | JIT & | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | WPT |
|-----|---------------|------------------|-------------------------|--|------------------------------|------------|-------|-------------|-----|--------------|------|------|--|-------|------|-----|
| ALL | Safe | | - Critical | INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | Sched uled PM | Normal | | | | ,,,, | Colu | | ne & Tropic al Storm | rioou | Орен | |
| ALL | Relia | ability | Equipment - Critical | O&M BUILDING EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Pers Safe | -00 | - Critical | O&M BUILDING EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relia | ability | Equipment - Critical | MONTHLY NERC IEEE 1188 VLA or IEEE 488 VLA BATTERY BANKS TESTING (As applicable. May be multiple battery banks.) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Relia | ability | Equipment - Critical | QUARTERLY SUBSTATION IEEE 1188 or 488 VLA BATTERY TESTING | JIT & Sched uled PM | Norma I | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Relia | ability | 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 | Relia | ability | Equipment - General | Check and remove standing water from oil containment areas. | Just in Time | N/A | N/A | N/A | N/A | Recove ry | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relia | ability | 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 | Recove ry | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Relia | ability | 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 | Safe Relia | ety & ability | | 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 | Safe Relia | ety & ability | 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 | |
| ALL | Safe Relia | ety & ability | Equipment - General | MONTHLY PROPANE TANK INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |

| ALL | Personnel | Equipment | Check battery operated equipment; AEDs and other. Bring | Just | Norma | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
|--------|-------------------------|-----------------------|---|------------------------------|------------|-------|-------------|-----|--------------|-------------------|------|--|-------|------|-----|
| DV3-20 | Safety | - Safety | into shop when not in use. (Items with temperature limitations) | in Time | I | | | | | | | | | · | |
| ALL | Safety & Reliability | Equipment - Safety | FACILITY FIRE PREVENTION & EHS - QUARTERLY WALKDOWN | Sched uled PM | Norma I | 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | 200405.1040593593 | N/A | 99009 | N/A | Open | |
| ALL | Reliability | Facilities | Take photographs or videos of property damage. | Just in Time | N/A | N/A | N/A | N/A | Recove ry | Cold | Heat | Hurrica ne & Tropic al 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliability | Facilities | Inspect and repair: Storage containers | Just in Time | N/A | N/A | N/A | N/A | Recove ry | Cold | Heat | Hurrica ne & Tropic al 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 | Recove ry | Cold | N/A | Hurrica ne & Tropic al 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 | Recove ry | Cold | N/A | Hurrica ne & Tropic al 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 | Recove ry | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | Facilities | Schedule and ensure trash container pickup and removal. | Just in Time | Norma I | 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 | Hurrica ne & Tropic al Storm | | Open | |
| ALL | Reliability | Facilities | Inspect buildings and structures and correct weather related maintenance issues if needed | Just in Time | N/A | N/A | Stand by | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al | 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 | Storm Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | Facilities | Empty and secure trash containers and dumpsters | Just in Time | Norm al | N/A | Stand by | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al 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 | Open | WPT |
| ALL | Safety & Reliability | Facilities | ANNUAL WINTER O&M MAINTENANCES | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | | Open | WPT |
| ALL | Reliability | Facilities | MONTHLY O&M HVAC CHECKS (including filters) | JIT & Sched uled 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 & Sched uled 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personne Safety | Security | Obtain security resources to guard site, as needed. | Just in Time | N/A | N/A | N/A | N/A | Recove ry | Cold | Heat | Hurrica ne & Tropic al 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Recove ry | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Recove ry | 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 | Recove ry | Cold | N/A | N/A | N/A | Open | |
| ALL | Personnel Safety | Site Access - Roads | Clear snow and/or ice accumulations: Facility sidewa ks, steps and entry ways | Just in Time | N/A | N/A | N/A | N/A | Recove ry | 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 | Recove ry | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | Staging - Equipment | Determine what equipment should be staged, inventoried and ready for each storm level. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al 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 - | Equip Company trucks with tire cables for use in snow. | | N/A | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
|-----|-------------------------|------------------------------|---|--|------------|-------|-----|-----|--------------|------|------|--|-------|------|-----|
| | | Vehicles | Identify list of items to constitute an Emergency Response Kit. Descr be 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.) | in Time | | | | | | | | | | | |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | Substation - Readiness | Check pressure on Switchyard MPTs, (seasonal) | JIT & Sched uled PM | Norma I | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | |
| ALL | Safety & Reliability | Substation - Readiness | Inspect and repair: Substations and power stations | Just in Time | N/A | N/A | N/A | N/A | Recove ry | Cold | Heat | Hurrica ne & Tropic al 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 | Recove ry | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | Substation - Readiness | ANNUAL SUBSTATION GENERAL INSPECTION | Sched uled PM | Norma I | 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 & Sched uled 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Personne Safety | Supplies - O&M | Provide stores of food, hygiene products, blankets, etc. at O&M bldg. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | N/A | Open | WPT |
| ALL | Safety & Reliability | Supplies - O&M | Identify, procure, and store emergency supplies. | Just in Time | Norma I | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Personne Safety | Supplies - O&M | FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & | Flood | Open | WPT |
|-----|-------------------------|---------------------------------|--|--|------------|-------|-------------|-----|-----|------|------|--|-------|------|-------------|
| | | | | uled PM | | | | | | | | Tropic al Storm | | | |
| ALL | Personne Safety | O&M | EMERGENCY RESPONSE EQUIPMENT ARK & SPEC PAC - QUARTERLY INSPECTION | JIT & Sched uled PM | Normal | | N/A | N/A | N/A | Cold | | Hurrica ne & Tropic al Storm | | Open | |
| ALL | Personne 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. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Personne 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. | Descri ption Plan/D ocume nt | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personne 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 | Hurrica ne & Tropic al 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 | Norma I | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personne Safety | A CONTRACTOR OF THE PROPERTY OF | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Safety & | Weather | Begin Extreme Weather or Storm event (Cold, Heat, Wind | Just | N/A | Alert | Stand | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | Manag |
|-----|-------------------------|-----------------------|---|---------------------|------------|-------|-------|-----|--------------|------|------|--|-------|------|-------------|
| | Reliability | | or Flood) tracking using projected paths from NWS on the Duke Energy Weather Center. | in Time | | | by | | | | | ne & Tropic al Storm | | · | er |
| ALL | Personnel Safety | Facilities | FIRE EXTINGUISHER - MONTHLY VISUAL INSPECTION | Sched uled PM | Norma I | | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Recove ry | Cold | | Hurrica ne & Tropic al 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 | Recove ry | Cold | | Hurrica ne & Tropic al 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 | Recove ry | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | Asset Reliability | Replenish inventory of non-perishable emergency supplies and equipment. | Just in Time | Norm al | Alert | N/A | N/A | Recove ry | Cold | | Hurrica ne & Tropic al 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 | | N/A | Open | Manag er |
| 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 | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| 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 show, 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | Asset Reliability | TRANSMISSION AND DISTRIBUTION POLE INSPECTIONS | Sched uled PM | Norma I | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | | 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 | Norma I | N/A | N/A | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | N/A | Open | Manag er |
| Area 8 | Reliability | Asset Reliability | VEGETATION MANAGEMENT - ANNUAL | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Activat e | N/A | N/A | Heat | N/A | N/A | Open | Manag er |
|----------|---------------------|-------------------------|--|--|------------|-------|-------------|--------------|-----|-----|------|-----|-----|------|-------------|
| ALL | Personnel Safety | Travel - Safety | Communicate Wild Fire Escape Plans for Personnel | Just in Time | Norma I | Alert | Stand by | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manag er |
| 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. | Descri ption Plan/D ocume nt | I | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manag er |
| ALL WIND | Reliability | Equipment - Critical | Ensure greasing was completed on Autogreasers | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 & Sched uled PM | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | |
| ALL | Reliability | Staging - Vehicles | ARI Maintenance - off-road vehicles; JIT Inspection? | JIT & Sched uled PM | Norma I | 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. | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
|----------|------------------|-------------|-------------------------|--|------------------------------|------------|-------|-------------|--------------|--------------|-----------|------|-----|-----|------|-----|
| ALL WIND | Suzion | Reliability | Equipment - Critical | Ensure oil levels were maintained on Rotor Lock Pin | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 & Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | 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 & Sched uled PM | Norma I | 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 & Sched uled PM | Norma I | 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 & Sched uled PM | Norma I | 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 & Sched uled PM | Norma I | 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) | Sched uled PM | Norma I | 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 | Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Nordex?? | Reliability | Equipment - General | Check water levels in cooling systems | Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Suzion | Reliability | Equipment - General | Ensure PMs were completed on radiator fans | Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | GE ?? | Reliability | Equipment - General | Ensure PMs were completed on radiator fans | uled PM | Norma I | | by | Activat e | ery | 6. 5/4% 0 | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliability | Equipment - General | Ensure PMs were completed on generator fans | Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | N/A | Heat | N/A | N/A | Open | WPT |

| ALL WIND | Reliability | Equipment | Ensure HVAC PMs on interbuss structures completed: | JIT & | Norma | Alert | Stand | Activat | | N/A | Heat | N/A | N/A | Open | WPT |
|----------|---------------------|------------------------|---|--|------------|-------|-------------|--------------|--------------|-----|----------|-----|-----|------|-------------|
| | | - General | Check thermostats in cabinet (105+ temps; HVAC meets 20-25 degree change in temp; Avoid continuous restarts | Sched uled | I | | by | е | ery | | | | | | |
| | | | until temp lowers) | РМ | | | | | | | <u> </u> | | | | |
| ALL WIND | Reliability | Equipment - General | Ensure PMs were completed on nacelle fans | Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov | N/A | Heat | N/A | N/A | Open | |
| 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) | Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | 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 | Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Reliability | Equipment - General | Ensure ARI Maintenance completed; Inspect water in radiators and batteries | Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | 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 | Norma I | Alert | Stand by | Activat e | Recov ery | 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 | Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Reliability | Equipment - General | Ensure Monthly PMs completed on Back-up Generators | JIT & Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | 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 & Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Reliability | Equipment - General | Ensure HVAC Quarterly PMs on O&M A/C completed | JIT & Sched uled PM | Norma I | Alert | Stand by | Activat e | Recov ery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Reliability | Equipment - General | Ensure HVAC Quarterly PMs of IT/SCADA room completed | | Norma I | Alert | Stand by | Activat e | Recov ery | 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 & Sched uled PM | Norma I | 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 & Sched uled PM | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Personnel Safety | Communic ations | Ensure lighter clothing and apparel options worn by workers meet safety standards. | Descri ption Plan/D ocume nt | I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |

| ALL | Personnel | Communic | Establish work rest and hydration protocol on hot and | Descri | Norma | Δlert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage |
|-----|---------------------|-----------------------|--|--|------------|-------|-----|-------|------|-------|-------|------|-----|------|-----------------|
| | Safety | ations | humid work days. | ption Plan/D ocume nt | I | Alert | | 14/74 | 14/7 | IN//A | ricat | IV/A | | Орен | r |
| ALL | Personnel Safety | Staffing | Allow time for workers to acclimate before working in hot environments. | Just in Time | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Personnel Safety | Communic ations | Discuss expected heat index and air quality conditions during daily Plan of the Day (POD) meetings and Pre-Job Brief initiation. | Just in Time | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Communic ations | Discuss locations of cooling shelters and areas available to workers | Just in Time | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Staffing | Determine activities to perform later when not in extreme heat or poor air quality | Just in Time | Norma I | 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 | Norma I | 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 | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Site Planner |
| ALL | Personnel Safety | Communic ations | 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 | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Communic ations | Establish hydration plan and means to remind workers to adequately hydrate (e.g., drinking water, electrolyte-replenishing fluids) | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Communic ations | Establish Hydration needs, e.g., drinking water, electrolyte-replenishing fluids | Just in Time | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| 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 | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Supplies - O&M | Provide sun visors for hard hats | Just in Time | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| 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.] | Descri ption Plan/D ocume nt | | | N/A | N/A | N/A | N/A | | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Communic ations | Establish expectation for use of sunscreen to minimize sunburn and skin damage. | Descri ption Plan/D ocume nt | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |

| ALL | Reliability | Equipment - General | Check levels of water in unvented water tanks | Just in Time | Norma I | 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 & Sched uled PM | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Supplies - O&M | Ensure adequate supply of sunscreen is available | Just in Time | Norma I | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| 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 | Norma I | Alert | Stand by | Activat e | Recov ery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Reliability | Assets & Equipment | Increase monitoring of ditches and ensure water is flowing during heavy rain/flooding conditions. | Just in Time | Norma I | Alert | Stand by | Activat e | Recov ery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL WIND | Reliability | Equipment - Critical | Check condition of collection line if vegetation is not mature, or site is new, more I kely 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 | Recov ery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliability | Facilities | Maintain roofing, windows, etc. to avoid leaks | JIT & Sched uled PM | Norma I | Alert | N/A | N/A | Recov ery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| 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) | | | N/A | N/A | N/A | Recov ery | N/A | N/A | N/A | Flood | Open | Manage r |
| ALL | Reliability | Asset Reliability | Recovery Planning: Replacing culverts - \$50k) | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | Recov ery | N/A | N/A | N/A | Flood | Open | Manage r |
| ALL | Personnel Safety | Communic ations | 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 | Activat e | Recov ery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personnel Safety | Communic ations | Communications with staff on road conditions; avoid roads until safe | Just in Time | N/A | N/A | Stand by | Activat e | Recov ery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |

| ALL | Personnel | Supplies - | Ensure vehicles are equipped with "Vehicle Recovery Kit" | Just | N/A | N/A | N/A | N/A | Recov | Cold | N/A | N/A | N/A | Open | WPT |
|-----|-----------|------------|--|------|-----|-----|-------|-----|-------|------|-----|---------|-------|------|--------|
| | Safety | Vehicle | (ex: traction mats, claws for tires, traction boards, shovels, | in | | | | | ery | | | | | | |
| | | | etc.) | Time | | | | | | | | | | | |
| ALL | Personnel | Communic | If a full evacuation of the site is required due to life- | Just | N/A | N/A | Stand | N/A | Recov | N/A | N/A | Hurrica | Flood | Open | Manage |
| | Safety | ations | threatening conditions, communicate to all employees and | in | | | by | | ery | | | ne & | | | r |
| | | | impacted stakeholders the need to evacuate the area | Time | | | | | | | | Tropic | | | |
| | | | using pre-determined evacuation routes. | | | | | | | | | al | | | |
| | | | | | | | | | | | | Storm | | | |
| ALL | Personnel | Staffing | If a full evacuation of the site was directed, verify site | Just | N/A | N/A | Stand | N/A | Recov | N/A | N/A | Hurrica | Flood | Open | Manage |
| | Safety | | facilities are clear of personnel. | in | | | by | | ery | | | ne & | | | r |
| | | | | Time | | | | | | | | Tropic | | | |
| | | | | | | | | | | 1 | | al | | | |
| | | | | | | | | | | | | Storm | | | |

| 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 | | 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 | | 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 | | 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 | | Provide Material Management with list of critical equipment to be pre-staged in safe location. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Reliability | Assets & Equipment | Direct Material Management to procure critical equipment to be pre-staged in safe location. | | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | ations | 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. | | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Personn Safety | Communic ations | Ensure current road conditions are communicated to workforce. | Just in Time | N/A | N/A | N/A | Activate | N/A | Cold | N/A | Hurrica ne & Tropic al | Flood | Open | Manag er |
|-----|------------------------|--------------------|--|--------------------|-----|-------|---------|----------|----------|------|------|--|-------|------|-------------|
| ALL | Safety & Reliabilit | | 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 | Storm Hurrica ne & Tropic al | Flood | Open | Manag er |
| ALL | Safety & Reliabilit | | 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 | Storm Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit | Communic ations | Updates: Notify Leadership of current situations, (daily updates) | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit | Communic ations | Updates: Notify Leadership of current situations, (daily periodic updates) | Just in Time | N/A | N/A | Standby | Activate | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabilit | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn Safety | Communic ations | (San San San San San San San San San San | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn Safety | Communic ations | 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 | | Flood | Open | Manag er |
| ALL | Personn Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personn Safety | Communic ations | c 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Personnel | | Communicate general safe work | Just | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica | Flood | Open | |
|-----|-------------------------|--------------------|---|--------------------|--------|-------|---------|----------|----------|------|------|--|-------|------|---------------------|
| | Safety | ations | 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. | Time | | | | | | | | ne & Tropic al Storm | | | er |
| ALL | Safety & Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personnel Safety | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personnel Safety | Communic ations | 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 | Manag er |
| ALL | Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliability | Communic ations | 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 | Manag er |
| ALL | Safety & Reliability | Communic ations | 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 | | N/A | | N/A | | Manag er |
| ALL | Safety & Reliability | Communic ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Reliabilit | Consumab les | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
|-----|------------------------|----------------------------------|---|------------------------------|--------|-------|-----|-----|----------|------|------|--|-------|------|---------------------|
| ALL | Reliabilit | Consumab les | Ensure adequate supply of fuel for vehicles. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | Reliabilit | y Equipment - Critical | Review list of critical equipment and components. Identify if they are vulernable 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit | y 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | N/A | N/A | Open | WPT |
| ALL | Safety & Reliabilit | E. District Street Street Street | Identify, procure, and store emergency equipment. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit | Equipment - Critical | SUBSTATION EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilit | Equipment - Critical | SUBSTATION BACKUP GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Personne Safety | Equipment - Critical | SUBSTATION EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, | JIT & Sched uled | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic | Flood | Open | WPT |
|-----|-------------------------|-------------------------|--|------------------------------|--------|-------|---------|-----|----------|------|-------|--|-------|------|-----|
| | | | MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | РМ | | | | | | | | al Storm | | | |
| ALL | Personne Safety | Equipment - Critical | SUBSTATION BACKUP GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Colc | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | Equipment - Critical | O&M BUILDING EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | | Flood | Open | WPT |
| ALL | Personne Safety | Equipment - Critical | O&M BUILDING EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | I N/A | N/A | N/A | Open | WPT |
| ALL | Reliability | Equipment - Critical | QUARTERLY SUBSTATION IEEE 1188 or 488 VLA BATTERY TESTING | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | I 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 | Colo | 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 | Colo | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | | 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 | Colo | Heat | Hurrica ne & Tropic al 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 | Colo | I N/A | N/A | N/A | Open | WPT |
| ALL | Safety & Reliability | | 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 | | 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 | I N/A | N/A | N/A | Open | WPT |

| ALL | Safety & Reliabili | | t MONTHLY PROPANE TANK INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |
|-----|-----------------------|-------------------------|--|------------------------------|--------|-------|-----|-----|----------|------|------|--|-------|------|-----|
| ALL | Personr Safety | el Equipmen - Safety | t 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 | |
| ALL | Safety & Reliabili | | t FACILITY FIRE PREVENTION & EHS - QUARTERLY WALKDOWN | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Personr Safety | Equipment - Safety | t FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabili | ty Facilities | Take photographs or videos of property damage. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabili | | Inspect and repair: Buildings and structures | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabili | | Inspect and repair: Storage containers | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabili | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personr Safety | el 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personr Safety | el 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabili | ty 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 | Reliabili | ty 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |
| ALL | Reliability | Facilities | MONTHLY O&M HVAC CHECKS (including filters) | JIT & Sched uled 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 & Sched uled PM | | Alert | N/A | N/A | N/A | | N/A | | N/A | Open | |
| 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Safety Reliab | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
|-----|------------------|-------------------------------|--|--|-----|-----|---------|-----|----------|------|------|--|-------|------|-------------|
| ALL | Safety Reliab | | 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 | Persor Safety | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliab | 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.) | in | N/A | N/A | Standby | N/A | Recovery | Cold | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Persor Safety | nel 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 | Persor Safety | nel Site | Clear snow and/or ice accumulations: Facility parking lot(s) | | N/A | N/A | N/A | N/A | Recovery | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Persor Safety | nel Site | Clear snow and/or ice accumulations: Facility sidewalks, steps and entry ways | Just | N/A | N/A | N/A | N/A | Recovery | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Persor Safety | nel 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 | Persor Safety | nel 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 | Reliab | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Persor Safety | nel 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliab | | Determine what equipment should be staged, inventoried and ready for each storm level. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Reliak | | 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 | Reliab | 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 | Reliab | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliab | Substation - Readiness | (seasonal) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety Reliab | | power stations | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliab | Substation - Readiness | related maintenance issues if needed | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliab | Substation - Readiness | ANNUAL SUBSTATION GENERAL INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | | N/A | Open | WPT |
| ALL | Reliab | Substation - Readiness | INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliab | - Readiness | | JIT & Sched uled PM | | Alert | N/A | N/A | N/A | | N/A | | N/A | Open | |
| ALL | Perso Safety | 400 00000 | Provide stores of food, hygiene products, blankets, etc. at O&M bldg. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | N/A | Open | WPT |

| ALL | Safe | | | Identify, procure, and store emergency supplies. | Just in | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & | Flood | Open | WPT |
|-----|----------------|----------|--------------------|--|--|--------|-------|-----|-----|-----|------|------|--|-------|------|-------------|
| | Trend | iolity (| Outil | Supplies. | Time | | | | | | | | Tropic al Storm | | | |
| ALL | Perso Safet | | O&M | FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Perso Safet | | O&M | EMERGENCY RESPONSE EQUIPMENT ARK & SPEC PAC - QUARTERLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Pers Safet | | 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. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | | N/A | | N/A | Open | |
| ALL | Pers Safet | | 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. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Safe Relia | | | Check vehicles are equipped with portable radios and spare batteries. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Perso Safet | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safei Relia | | | 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 | Open | WPT |
| ALL | Safe Relia | | 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 | Manag er |
| ALL | Safer Relia | | Travel - Safety | Determine if you should deploy company vehicles for workers travel to/fr site | | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safet Relia | | Forecastin | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | | | Weather | Conditions: Monitor news for orders | Just | N/A | Alert | Standby | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | Manag |
|-----|--|-----------------------|----------------------------|---|---------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-------------|
| | Sa | afety | Forecastin g | issued by state or community. (Check state police sites and WAZE for road conditions.) | in Time | | | | | | | | ne & Tropic al Storm | | | er |
| ALL | | afety & eliability | Weather Forecastin g | 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 | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | The state of the s | ersonnel afety | Facilities | FIRE EXTINGUISHER - MONTHLY VISUAL INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | | ersonnel afety | | SELF CONTAINED EMERGENCY EYEWASH STATION - MONTHLY INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | | afety & eliability | Assets & Equipment | MONTHLY SITE INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Re | eliability | | SPCC CONTAINER AND SECONDARY CONTAINMENT - MONTHLY INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Re | eliability | | SPCC SPILL RESPONSE EQUIPMENT - QUARTERLY INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Re | eliability | 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 | | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | 1000000 | afety & eliability | Asset Reliability | Inspect and repair: Wind turbines or solar arrays | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Re | eliability | 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 | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Re | | 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 | | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Re | eliability | Asset Reliability | Replenish inventory of non-perishable emergency supplies and equipment. | Just in Time | Normal | Alert | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Re | • | 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 | Manag er |

| ALL | Reliability | Asset | Direct WPT to complete specific | Just | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | Manag |
|----------|-------------------------|----------------------|---|---------------------|--------|-------|---------|-----|-----|------|------|--|-------|------|-------------|
| | · | Reliability | Emergency Weather Audit. | in Time | | | | | | | | ne & Tropic al Storm | | | er |
| 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 show, 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | Asset Reliability | TRANSMISSION AND DISTRIBUTION POLE INSPECTIONS | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & 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 | Hurrica ne & Tropic al Storm | N/A | Open | Manag er |

| Area 3 | Reliability | Asset | QUARTERLY SITE COOLANT | | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
|----------|---------------------|-------------------------|--|--|--------|-------|---------|----------|-----|------|------|-----|-----|------|-------------|
| | | Reliability | RESERVOIR INSPECTION | uled PM | | | | | | | | | | | |
| Area 3 | Reliability | Asset Reliability | EMERGENCY BACKUP GENERATOR | Sched uled 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 | Manag er |
| 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 | Manag er |
| 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. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manag er |
| ALL WIND | Reliability | Equipment - Critical | Ensure greasing was completed on Autogreasers | Sched uled 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 | Sched uled 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 | | 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | | 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 & Sched uled 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |

| ALL WIND | | Reliability | Equipment | Check for open WO's. Ensure | Sched | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
|----------|------------------|-------------|-------------------------|---|------------------------------|--------|-------|---------|----------|----------|-----|------|-----|-----|------|-----|
| | | | - Critical | scheduled maintenance including oil levels were completed on Pitch Rams. | uled PM | | | | | | | | | | | |
| ALL WIND | | Reliability | Equipment - Critical | Ensure oil levels were maintained on Main Bearing | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 & Sched uled 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 | Sched uled 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 & Sched uled 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 & Sched uled 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 & Sched uled 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 & Sched uled 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) | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | Sched uled 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 | | 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 & Sched uled 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 | Sched uled 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) | Sched uled 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 | Sched uled 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 | Sched uled 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 | | 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 & Sched uled 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 & Sched uled 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 & Sched uled 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 | Sched uled 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 & Sched uled 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |

| ALL | Personnel | Communic | Ensure lighter clothing and apparel | Descri | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage |
|-----|---------------------|--------------------|--|--|--------|-------|-----|-----|-----|-----|------|-----|-----|------|-----------------|
| | Safety | ations | options worn by workers meet safety standards. | ption Plan/D ocume | | | | | | | | | | | r |
| ALL | Personnel Safety | Communic ations | Establish work rest and hydration protocol on hot and humid work days. | nt Descri ption | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| | | | | Plan/D ocume nt | | | | | | | | | | | |
| 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 | Communic ations | 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 | Manage r |
| ALL | Personnel Safety | Communic ations | 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 | Manage r |
| 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 | Communic ations | 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 | Manage r |
| ALL | Personnel Safety | Communic ations | Establish hydration plan and means to remind workers to adequately hydrate (e.g., drinking water, electrolyte-replenishing fluids) | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personnel Safety | Communic ations | 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 | Manage r |
| 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 | Manage r |
| 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 | Manage r |

| ALL | Personnel Safety | Equipment - Safety | Ensure no synthetic materials are being used in jobs with fire and electrical hazards. [Refer to DER Flame | Descri ption Plan/D | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
|----------|-------------------------|---------------------------|---|--|--------|-------|---------|----------|----------|-----|------|--|-------|------|-------------|
| | | | Resistant (FR) clothing requirements and uniform policy in AD-HS-ALL-0005, Personal Protective Equipment.] | ocume nt | | | | | | | | | | | |
| ALL | Personnel Safety | Communic ations | Establish expectation for use of sunscreen to minimize sunburn and skin damage. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| 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 | Manage r |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliability | Facilities | Maintain roofing, windows, etc. to avoid leaks | JIT & Sched uled PM | Normal | Alert | N/A | N/A | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| 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) | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | Recovery | N/A | N/A | N/A | Flood | Open | Manage r |

Maryneal Wind Weather Response Checklist

| ALL | Reliability | Asset Reliability | Recovery Planning: Replacing culverts - \$50k) | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | Recovery | N/A | N/A | N/A | Flood | Open | Manage r |
|-----|---------------------|----------------------|--|--|-----|-------|---------|----------|----------|------|-----|--|-------|------|-------------|
| ALL | Personnel Safety | ations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personnel Safety | (-)-(-)-(-)-(-)-(-) | Communications with staff on road conditions; avoid roads until safe | Just in Time | N/A | N/A | Standby | Activate | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personnel Safety | 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 | ations | 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 predetermined evacuation routes. | Just in Time | N/A | N/A | Standby | N/A | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personnel Safety | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |

| SELECTION (Universal | WIND TECHNOLOGY | PURPOSE | TYPE OF ACTION | ACTION PLAN ITEMS | TIME OF | SL-NORMAL? | SL-ALERT? | SL-STANDBY? | SL-ACTIVATE? | SL- RECOVERY? | EOP- | EOP- | EOP- WIND? | EOP- | ACTIO N | ASSIGN ED TO |
|---|--------------------|-------------------------|---------------------------|---|--|------------|-----------|-------------|--------------|------------------|-------|-------|--|-------|------------|-----------------|
| actions, Area, Technology, Site) | TECHNOLOGY | | ACTION | | ACTIO N | | | | | RECOVERTY | COLD? | HEAT? | WIND? | ? | STATU S | EDIO |
| 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 | | Provide Material Management with list of critical equipment to be pre-staged in safe location. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | | Reliability | | 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 | | 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 | | 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 | 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 | | 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 | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Personne | Communi | Ensure current road conditions are | Just | N/A | N/A | N/A | Activate | N/A | Cold | N/A | Hurrica | Flood | Open | Manag |
|-----|-------------------------|----------------------------|--|--------------------|-----|-------|---------|----------|----------|------|-------|--|--------|------|-------------|
| ALL | I Safety | cations | communicated to workforce. | in Time | N/A | | N/A | Activate | | Cold | I W.A | ne & Tropic al Storm | 1 1000 | Ореп | er |
| ALL | Safety & Reliability | Prof. Commonwell will be a | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliability | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | Communi cations | Updates: Notify Leadership of current situations, (daily updates) | 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 | Communi cations | Updates: Notify Leadership of current situations, (daily periodic updates) | Just in Time | N/A | N/A | Standby | Activate | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | Communi cations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliability | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personne I Safety | Communi cations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personne I Safety | Communi cations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personne I Safety | Communi cations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personne I Safety | Communi cations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Person I Safet | | ni Communicate general safe work practices: Do not enter buildings, structures, or storage containers that | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic | Flood | Open | Manag er |
|-----|-------------------|-----------------------|--|--------------------|--------|-------|---------|----------|----------|------|------|--|-------|------|---------------------|
| | | | appear to be unstable or unsafe due to: structural damage, fire damage, natural gas odor or flood water. | Time | | | | | | | | al Storm | | | |
| ALL | Safety Reliab | & Commulative cations | ni 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Person I Safet | | ni 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliab | cations | ni 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 | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | Reliab | Communications | ni 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Person I Safet | | ni 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 | Manag er |
| ALL | Reliab | Communications | ni 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety Reliab | & Commulative cations | ni 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety Reliab | & Commu | | Just in Time | N/A | N/A | Standby | N/A | N/A | Cold | N/A | | N/A | Open | Manag er |
| ALL | Safety Reliab | & Commul | ni 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 | Manag er |
| ALL | Safety Reliab | Commulative cations | ni 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Reliabi | Consuma bles | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
|-----|-------------------|---------------------------------|---|------------------------------|--------|-------|-----|-----|----------|------|------|--|-------|------|---------------------|
| ALL | Reliabi | Consuma bles | Ensure adequate supply of fuel for vehicles. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabi | ty Equipme nt - 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 | Hurrica ne & Tropic al Storm | Flood | Open | Site Planne r |
| ALL | Reliabi | ity Equipme nt - Critical | Review list of critical equipment and components. Identify if they are vulernable 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabi | ty Equipme nt - 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | N/A | N/A | Open | WPT |
| ALL | Safety Reliabi | nt - Critical | equipment. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabi | Equipme nt - Critical | SUBSTATION EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabi | Equipme nt - Critical | SUBSTATION BACKUP GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Personne | Equipmo | SUBSTATION EMERGENCY | JIT & | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica | Elood | 0 | WPT |
|-----|-------------------------|-----------------------------|--|------------------------------|--------|-------|---------|------|----------|------|------|--|-------|------|------|
| ALL | I Safety | nt - | GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, | Sched uled PM | | Aleit | 14/6 | 1976 | 1970 | Cold | Пеаг | ne & Tropic al | Flood | Open | VVF1 |
| ALL | Personne I Safety | Equipme nt - Critical | TYPE OF RUN HOURS) SUBSTATION BACKUP GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Storm Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | nt - | O&M BUILDING EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personne I Safety | Equipme nt - Critical | O&M BUILDING EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | Equipme nt - Critical | MONTHLY NERC IEEE 1188 VLA or IEEE 488 VLA BATTERY BANKS TESTING (As applicable. May be multiple battery banks.) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliability | nt - | QUARTERLY SUBSTATION IEEE 1188 or 488 VLA BATTERY TESTING | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliability | nt - | 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 | Equipme nt - 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | nt - | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliability | Equipme nt - 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 | | 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 & | Equipme | Place rolling equipment in O&M | Just | N/A | N/A | Standby | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
|-----|-------------------------|---------------------------|--|------------------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-----|
| | Reliability | | Building or storage container or secure in place | in Time | | | | | | | | | | | |
| ALL | Safety & Reliability | | MONTHLY PROPANE TANK INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |
| ALL | Personne I Safety | nt - 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 | |
| ALL | Safety & Reliability | | FACILITY FIRE PREVENTION & EHS - QUARTERLY WALKDOWN | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Personne I Safety | Equipme nt - Safety | FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched uled 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliability | | Inspect and repair: Buildings and structures | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliability | | Inspect and repair: Storage containers | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliability | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personne I 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personne I 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 | Hurrica ne & Tropic al 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. | in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | | Open | |
|-----|-------------------------|-------------------|---|------------------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-----|
| 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 | Hurrica ne & Tropic al 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |
| ALL | Reliability | Facilities | MONTHLY O&M HVAC CHECKS (including filters) | JIT & Sched uled 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | |
| 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |

| ALL | Person I Safety | ne Security | Obtain security resources to guard site, as needed. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic | Flood | Open | WPT |
|-----|--------------------|------------------------------|--|--------------------|-----|-----|---------|-----|----------|------|------|--|-------|------|-------------|
| ALL | Safety | | Inspect and repair: Site fencing, gates, | Just | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | al Storm Hurrica | Flood | Open | WPT |
| | Reliabil | ty | and barriers, e.g., cattle guards | in Time | | | | | | | | ne & Tropic al Storm | | | |
| ALL | Safety Reliabil | | 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 | Person I Safety | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabil | ty 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Person I 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 | Person I 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 | Person I 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 | Person I 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 | Person I 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 | Reliabil | ty 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Person I Safety | ne 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | | nt | staged, inventoried and ready for each storm level. | ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | | Heat | Hurrica ne & Tropic al Storm | | | |
|-----|------------------------|-------------------------------------|--|--------------------------------|--------|-------|---------|-----|----------|------------|------|--|-------|------|-----|
| ALL | Reliabili | Staging - Equipme nt | 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 | | y 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.) | in Time | N/A | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | |
| ALL | | Vehicles | Stage company vehicles in pre-determined site-specific location | in Time | N/A | Alert | N/A | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | | Open | |
| ALL | Reliabilii | y Substatio n - Readines s | Check pressure on Switchyard MPTs, (seasonal) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabilii | | Inspect and repair: Substations and power stations | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabilii | y Substatio n - Readines s | Inspect substations and correct weather related maintenance issues if needed | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabili | Substation - Readines | ANNUAL SUBSTATION GENERAL INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | | n - Readines | | Sched uled PM | Normal | Alert | N/A | N/A | N/A | 5745745444 | N/A | N/A | N/A | Open | |
| ALL | Reliabili | y Substatio n - Readines s | QUARTERLY HVAC SUBSTATION INSPECTION ; | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |

| ALL | Personn I Safety | e Supplies - O&M | Provide stores of food, hygiene products, blankets, etc. at O&M bldg. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | N/A | Hurrica ne & Tropic al Storm | N/A | Open | WPT |
|-----|------------------------|--|--|--|--------|-------|-----|-----|-----|------|------|--|-------|------|-------------|
| ALL | Safety & Reliabilit | | Identify, procure, and store emergency supplies. | Just in Time | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn I Safety | e Supplies - O&M | FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn I Safety | e Supplies - O&M | EMERGENCY RESPONSE EQUIPMENT ARK & SPEC PAC - QUARTERLY INSPECTION | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn I Safety | e 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. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Personn I Safety | | Standards: Develop list of standard items that will constitute a HOT Weather Vehicle Kit (water, etc.). When and how to deploy. Create inspection checklist. | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Safety & Reliabilit | | Check vehicles are equipped with portable radios and spare batteries. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Personn I Safety | and the second of the second o | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabilit | 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 & Reliabilit | Readines s | 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 | • | Manag er |
| ALL | Safety & Reliabilit | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |

| ALL | Safety 8 | Weather | Potential Impact: Determine if weather | Just | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica | Flood | Onen | Manag |
|-----|-----------------------|--|---|---------------------|--------|-------|---------|-----|----------|------|-------|--|-------|------|-------------|
| ALL | | | system will likely cause hazardous weather to site. | in Time | | Aleit | | | | Colu | liout | ne & Tropic al Storm | 1000 | Орон | er |
| ALL | Personr I Safety | Weather Forecasti ng | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Safety & Reliabili | Weather Forecasti ng | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Personr I Safety | e Facilities | FIRE EXTINGUISHER - MONTHLY VISUAL INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Personr I Safety | The second secon | SELF CONTAINED EMERGENCY EYEWASH STATION - MONTHLY INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Safety 8 Reliabili | Assets & Equipme nt | MONTHLY SITE INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabili | | SPCC CONTAINER AND SECONDARY CONTAINMENT - MONTHLY INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabili | Assets & Equipme nt | SPCC SPILL RESPONSE EQUIPMENT - QUARTERLY INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Reliabili | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety & Reliabili | THE THE PARTY OF THE PROPERTY OF | Inspect and repair: Wind turbines or solar arrays | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabili | Contraction of the said | Implement Site Weather Audit (applicable to type of weather event) | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabili | 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 | | Flood | Open | Manag er |

| ALL | Reliabil | ty Asset | Replenish inventory of non-perishable | Just | Normal | Alert | N/A | N/A | Recovery | Cold | Heat | Hurrica | Flood | Open | WPT |
|-----|--------------------|----------------------|---|--------------------|--------|-------|---------|-----|----------|------|------|--|-------|------|-------------|
| | | | emergency supplies and equipment. | in Time | | | | | | | | ne & Tropic al Storm | | | |
| ALL | Reliabil | 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 | Manag er |
| ALL | Reliabil | | Direct WPT to complete specific Emergency Weather Audit. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropic al Storm | | | Manag er |
| ALL | Safety of Reliabil | | 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 show, 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 | Reliabil | 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 | Hurrica ne & Tropic al Storm | N/A | Open | WPT |
| ALL | Reliabil | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manag er |
| ALL | Reliabil | 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 | | Flood | Open | Manag er |
| ALL | Reliabil | 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 | Hurrica ne & Tropic al Storm | N/A | Open | WPT |
| ALL | Reliabil | 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 | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Reliabil | 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 | | Flood | Open | Manag er |

| ALL | Relial | ility Asset | TRANSMISSION AND DISTRIBUTION | Sched | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | WPT |
|-----------------|-----------------|--|--|---------------------|--------|-------|---------|----------|-----|------|-------|--|-------|------|-------------|
| <u>-</u> | | | POLE INSPECTIONS | uled PM | | | | | | | 11001 | ne & Tropical Storm | | | |
| ALL WIND | | ility Asset Reliabilit | 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 | Hurrica ne & Tropic al Storm | | 00.1 | Manag er |
| Area 3 | Relial | Asset Reliabilit | QUARTERLY SITE COOLANT by RESERVOIR INSPECTION | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| Area 3 | Relial | Asset Reliabilit | EMERGENCY BACKUP GENERATOR | Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| Area 3- MESQ | Relial | Asset Reliabili | EMERGENCY BACK UP GENERATOR by - ANNUAL MAINTENANCE STEWART AND STEVENSON | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | Relial | ility Equipment - Critical | e 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 | Manag er |
| ALL | Perso I Safe | | 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 | Manag er |
| ALL | Perso I Safe | | Develop Wild Fire Escape Plan for high risk work locations; consider having fire mock drill as part of the required quarterly drill. | 15 | | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manag er |
| ALL WIND | Relial | ility Equipment - Critical | e Ensure greasing was completed on Autogreasers | Sched uled PM | Normal | N/A | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Relial | ility Equipment of the control of th | Review open WO's and PMs; Ensure greasing was completed on Autolubers | | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Relial | ility Equipment - Critical | e Review open WO's and PMs; Ensure greasing was completed on Pitch Rams | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Relial | ility Equipment - Critical | Ensure greasing was completed on Blades | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Relial | ility Equipment - Critical | e Ensure greasing was completed on Main Bearings | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Relial | ility Equipment - Critical | Ensure greasing was completed on Yaw Bearings | | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Relial | ility Equipment - Critical | Ensure greasing was completed on Generator Bearings | 100 | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Relial | ility Equipment - Critical | e Ensure greasing was completed on Yaw Rings | | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |

| ALL WIND | | Reliability | Equipme nt - Critical | Ensure greasing was completed on Yaw Pucks | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
|----------|--------|-------------|-----------------------------|--|------------------------------|--------|-------|-----|-----|-----|-----|------|-----|-----|------|-----|
| ALL WIND | | Reliability | | Ensure greasing was completed on Yaw Gear | | 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Vehicles | ARI Maintenance - off-road vehicles; JIT Inspection? | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | |
| ALL WIND | | Reliability | nt - Critical | Check for open WO's. Ensure scheduled maintenance including oil levels were completed on Pitch Rams. | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliability | Equipme nt - Critical | Ensure oil levels were maintained on Main Bearing | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Suzlon | | nt - Critical | Ensure oil levels were maintained on Rotor Lock Pin | uled PM | Normal | Alert | N/A | N/A | N/A | N/A | | N/A | N/A | | WPT |
| ALL WIND | Vestas | Reliability | Equipme nt - Critical | Ensure oil levels were maintained on Rotor Lock Pin | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | | WPT |
| ALL WIND | | Reliability | nt - Critical | Ensure oil levels were maintained on Disc Brakes | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Equipme nt - Critical | Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul] | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Equipme nt - Critical | Ensure oil levels were maintained on Radiator fans | Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | nt - Critical | Ensure oil levels were maintained on Back-up Generators | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Equipme nt - Critical | Ensure PMs completed. Remove man hole cover to Monitor Oil levels to ensure cooling fans can circulate [Ask Raul] | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Equipme nt - Critical | Ensure ARI Vehicle Maintenance was completed. Perform visual check of oil and water levels. | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Equipme nt - Critical | ARI off-road vehicle Maintenance completed; JIT Inspection? | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |

| ALL | | Reliability | Equipme | Ensure PMs completed. Monitor | Sched | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
|----------|------------------|-------------|----------------------------|---|------------------------------|--------|-------|---------|----------|----------|-----|------|-----|-----|------|-----|
| | | | nt - Critical | SCADA Alerts; Check Glycol 50/50 level (If ABB Inverter, curtail at 122 D and shutdown at 140 D) | uled PM | | | | | | | | | | | |
| ALL WIND | Vestas (V136) | | Equipme nt - General | Check water levels in cooling systems | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Nordex?? | Reliability | Equipme nt - General | Check water levels in cooling systems | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | Suzion | Reliability | Equipme nt - General | Ensure PMs were completed on radiator fans | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | GE ?? | Reliability | Equipme nt - General | Ensure PMs were completed on radiator fans | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | | nt - General | Ensure PMs were completed on generator fans | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL WIND | | Reliability | nt - | 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 & Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | |
| ALL WIND | | Reliability | Equipme nt - General | Ensure PMs were completed on nacelle fans | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | nt - | Ensure PMs completed. Monitor SCADA Alerts; Check Glycol 50/50 level (ABB Curtail at 122 D and shutdown at 140 D) | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Equipme nt - General | Ensure Monthly PMs completed check on Glycol 50/50 on Back-up Generators | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Equipme nt - General | Ensure ARI Maintenance completed; Inspect water in radiators and batteries | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | nt - 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 | Equipme nt - General | Ensure Monthly PMs of main power transformer completed; turn "on" to manual | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Equipme nt - General | Ensure Monthly PMs completed on Back-up Generators | JIT & Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | nt - | Check for open WO's. Ensure HVAC Quarterly PMs on substation A/C completed; Monitor Supervisory Alarm | JIT & Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | | Reliability | Equipme nt - General | Ensure HVAC Quarterly PMs on O&M A/C completed | JIT & Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |

| ALL | Reliability | Equipme nt - General | Ensure HVAC Quarterly PMs of IT/SCADA room completed | Sched uled PM | Normal | Alert | Standby | Activate | Recovery | N/A | Heat | N/A | N/A | Open | WPT |
|-----|----------------------|----------------------------|--|--|--------|-------|---------|----------|----------|-----|------|-----|-----|------|-----------------|
| ALL | Personne I Safety | Supplies - O&M | Reorder and maintain water supply and electrolyte-replenishing fluids for forecast extreme heat | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Personne I Safety | Staging - Vehicles | Provide water and hydration for site workers. | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | WPT |
| ALL | Personne I Safety | Commun | Ensure lighter clothing and apparel options worn by workers meet safety standards. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personne I Safety | Commun cations | Establish work rest and hydration protocol on hot and humid work days. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personne I 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 | Personne I Safety | Commun | 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 | Manage r |
| ALL | Personne I Safety | Commun | 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 | Manage r |
| ALL | Personne I 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 | Personne I Safety | Staffing | Determine adjustments to work shifts to minimize working during high heat hours | | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Site Planner |
| ALL | Personne I 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 | Personne I Safety | Commun cations | 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 | Manage r |
| ALL | Personne I Safety | Commun | Establish hydration plan and means to remind workers to adequately hydrate (e.g., drinking water, electrolyte-replenishing fluids) | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Personne I Safety | Commun | 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 | Manage r |

| ALL | Person | ne Supplies | Ensure appropriate clothing and PPE | Just | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage |
|----------|-----------------------|--------------------------------|---|--|--------|-------|---------|----------|----------|-----|------|--|-------|------|-------------|
| | I Safety | - O&M | available to reduce potential heat stressors and sun visors on hard hats | in Time | | | | | | | | | | | r |
| ALL | Person I Safety | Supplies - O&M | | in Time | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Person I Safety | ne Equipme nt - 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.] | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Person I Safety | cations | i Establish expectation for use of sunscreen to minimize sunburn and skin damage. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Reliabil | ty Equipme nt - 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 | Person I Safety | Supplies - O&M | Maintain inventory of sun visors, water coolers, sunscreen, cooling gators, ice? etc. | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | N/A | Heat | N/A | N/A | Open | Manage r |
| ALL | Person I 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 | Manage r |
| ALL | Person I 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Reliabil | Assets & Equipme nt | • | Just in Time | Normal | Alert | Standby | Activate | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL WIND | Reliabil | ty Equipme nt - 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. | in Time | N/A | Alert | Standby | N/A | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | WPT |
| ALL | Safety of Reliabil | | Maintain roofing, windows, etc. to avoid leaks | JIT & Sched uled PM | Normal | Alert | N/A | N/A | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Safety a Reliabil | | 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 | | Recovery Planning: Vegetation buffers die from heavy rain or flooding (can run | Descri ption | N/A | N/A | N/A | N/A | Recovery | N/A | N/A | N/A | Flood | Open | Manage r |
|-----|----------------------|----------------------|---|--|-----|-------|---------|----------|----------|------|-----|--|-------|------|-------------|
| | | | above \$50K threshold) | Plan/D ocume nt | | | | | | | | | | | |
| ALL | Reliability | Asset Reliability | Recovery Planning: Replacing culverts - \$50k) | Descri ption Plan/D ocume nt | | N/A | N/A | N/A | Recovery | N/A | N/A | N/A | Flood | Open | Manage r |
| ALL | Personne I Safety | cations | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personne I Safety | | Communications with staff on road conditions; avoid roads until safe | Just in Time | N/A | N/A | Standby | Activate | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personne I Safety | - 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 | Personne I Safety | cations | 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. | in Time | N/A | N/A | Standby | N/A | Recovery | N/A | N/A | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |
| ALL | Personne I Safety | | 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 | Hurrica ne & Tropic al Storm | Flood | Open | Manage r |

| SELECTIO N (Universal actions, Area, Technolog y, 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- HEAT? | EOP- WIND? | FLOOD ? | | 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 | Hurrica ne & Tropica I 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropica I Storm | Flood | Open | WPT |
| ALL | | Reliability | Assets & Equipment | Provide Material Management with list of critical equipment to be pre-staged in safe location. | Descri ption Plan/D ocume nt | | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| 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. | | N/A | N/A | Standby | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
| ALL | | Safety & Reliability | Communica tions | Plan, document and communicate | | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | | Personnel Safety | Communica tions | Ensure current road conditions are communicated to workforce. | Just in Time | N/A | N/A | N/A | Activate | N/A | Cold | N/A | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |

| ALL | Safety & Reliability | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
|-----|-------------------------|--------------------|--|--------------------|-----|-------|---------|----------|----------|------|------|---------------------------------------|-------|------|-------------|
| ALL | Safety & Reliability | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Reliability | Communica tions | Updates: Notify Leadership of current situa ions, (daily updates) | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Reliability | Communica tions | Updates: Notify Leadership of current situa ions, (daily periodic updates) | Just in Time | N/A | N/A | Standby | Activate | Recovery | Cold | Heat | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Reliability | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Reliability | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Personne Safety | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Personne Safety | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Personne Safety | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Personne 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Personne Safety | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |

| ALL | Safety & | Communica | Ensure all employees, visitors and | Just | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | Manag |
|-----|-------------------------|--------------------|---|--------------------|--------|-------|---------|----------|----------|------|------|---------------------------------------|-------|------|---------------------|
| | Reliabilit | tions | impacted stakeholders are informed of the potential storm and the change to Storm Level - Alert | in Time | | | | | | | | ne & Tropica I Storm | | | er |
| ALL | Personne Safety | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Reliability | Communica tions | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Site Planne r |
| 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Personne Safety | Communica tions | 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 | Manag er |
| 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Safety & Reliability | | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Safety & Reliability | Communica tions | 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 | Manag er |
| ALL | Safety & Reliability | Communica tions | 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 | Manag er |
| ALL | Safety & Reliability | Communica tions | | Just in Time | N/A | N/A | N/A | Activate | N/A | Cold | Heat | Hurrica ne & Tropica I Storm | Flood | Open | Manag er |
| ALL | Reliability | Consumables | Check hat 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 | Hurrica ne & Tropica I Storm | Flood | Open | WPT |

| ALL | Reliabilit | Consumables | Ensure adequate supply of fuel for vehicles. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | Heat | Hurrica ne & Tropica I Storm | | Open | WPT |
|-----|------------------------|-----------------------|---|------------------------------|--------|-------|-----|-----|----------|------|------|---------------------------------------|-------|------|---------------------|
| ALL | Reliabilii | 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 | Hurrica ne & Tropica I Storm | Flood | Open | Site Planne r |
| ALL | Reliabilit | Equipment Critical | Review list of critical equipment and components. Identify if they are vulernable to emergency weather temperatures or Storm conditions and what actions will be taken to protect those critical and vulnerable items. Add ac ions 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 | Hurrica ne & Tropica I Storm | Flood | Open | WPT |
| ALL | Reliabilit | 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | N/A | N/A | Open | WPT |
| ALL | Safety & Reliabilit | Equipment Critical | - Identify, procure, and store emergency equipment. | Just in Time | N/A | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropica I Storm | Flood | Open | WPT |
| ALL | Reliabilit | Equipment Critical | - SUBSTATION EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropica I Storm | Flood | Open | WPT |
| ALL | Reliabilii | Equipment Critical | - SUBSTATION BACKUP GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropica I Storm | Flood | Open | WPT |
| ALL | Personn Safety | Equipment Critical | - SUBSTATION EMERGENCY GENERATOR - MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | JIT & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropica I Storm | Flood | Open | WPT |

| ALL | Personnel | Equipment - | SUBSTATION BACKUP GENERATOR - | JIT & | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica | Flood | Open | WPT |
|-----|-------------------------|-------------------------|--|------------------------------|--------|-------|---------|-----|----------|------|------|---------------------------------------|-------|------|-----|
| | Safety | Critical | MONTHLY INSPECTION (RUN HRS TOTAL, MONTHLY RUN HOURS, FUEL USE, TYPE OF RUN HOURS) | Sched uled PM | | | | | | | | ne & Tropica I Storm | | ope | |
| ALL | Reliability | Equipment - Critical | O&M BUILDING EMERGENCY GENERATOR - ANNUAL MAINTENANCE | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropica I 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropica I 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 & Sched uled 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 & Sched uled 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 | Hurrica ne & Tropica I 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 | Hurrica ne & Tropica I 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. | | 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 | F. F. S. S. S. S. | 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 & Sched uled PM | Normal | Alert | N/A | N/A | N/A | Cold | Heat | Hurrica ne & Tropical Storm | Flood | Open | WPT |

| ALL | Personnel Safety | Equipment - Safety | Check battery operated equipment; AEDs and other. Bring into shop when | Just in | Normal | Alert | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | WPT |
|-----|-------------------------|-----------------------|---|------------------------------|--------|-------|---------|-----|----------|------|------|---------------------------------------|-----|------|-----|
| | | | not in use. (Items with temperature limitations) | Time | | | | | | | | | | | |
| ALL | Safety & Reliability | Equipment - Safety | FACILITY FIRE PREVENTION & EHS - QUARTERLY WALKDOWN | Sched uled PM | Normal | N/A | N/A | N/A | N/A | Cold | N/A | N/A | N/A | Open | |
| ALL | Personnel Safety | Equipment - Safety | FIRST AID, TRAUMA, & BLOODBORNE PATHOGEN KIT - MONTHLY INSPECTION | JIT & Sched uled 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 | Hurrica ne & Tropica I Storm | | 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 | Hurrica ne & Tropica I Storm | | 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 | Hurrica ne & Tropica I Storm | | 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 | Hurrica ne & Tropica I Storm | | 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 | Hurrica ne & Tropica I Storm | | Open | WPT |
| ALL | Personnel Safety | Facilities | Before using water onsite, check with local authori ies or have site well tested for contamination. | Just in Time | N/A | N/A | N/A | N/A | Recovery | Cold | N/A | Hurrica ne & Tropica I Storm | | 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 | Hurrica ne & Tropica I Storm | | 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 | Hurrica ne & Tropica I Storm | | Open | WPT |