



Severe Weather & Coastal Storm Yard Prep Checklist

Pre-storm operational readiness procedure to protect reefer distribution panels, power trees, and interlocked reefer outlet assemblies.

FACILITY / YARD:	AUDITED BY:	DATE/TIME:	STORM LEVEL: [] Advisory [] Warning
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1. REEFER DISTRIBUTION PANEL ENCLOSURES & INGRESS DEFENSE

DONE	INSPECTION POINT	ACTION REQUIRED & VERIFICATION CRITERIA	STATUS / SIGN
☐	Panel Door Gaskets & Seals	Inspect distribution panel perimeter gaskets and access doors. Ensure elastomer has no compression set, hardening, or salt crust buildup.	.....
☐	Enclosure Fasteners & Latches	Verify all quarter-turn panel latches and stainless fasteners are torqued snugly to maintain uniform NEMA 4X / IP66 compression.	.....
☐	Condensation Protection	Clear dirt and salt residue from panel condensation drains or check desiccant bags for efficacy.	.....

2. REEFER OUTLET ASSEMBLIES & INTERLOCK INTEGRITY

DONE	INSPECTION POINT	ACTION REQUIRED & VERIFICATION CRITERIA	STATUS / SIGN
☐	Outlet Spring-Lids & Gaskets	Inspect spring-return flip covers and neoprene/silicone seals on each reefer receptacle. Confirm positive snap-close tension on unused bays.	.....
☐	Contact Pin Plating & Mating	Check 32A / 480V female contact sleeves and male pins for galvanic oxidation or green patina. Ensure contacts are clean and free of pitting.	.....
☐	Mechanical Interlock Lockout	Verify interlocked outlet handles physically cannot rotate to "ON" without a fully inserted plug, and prevent plug withdrawal while energized.	.....
☐	Assembly Housing Integrity	Check non-metallic and cast outlet modules for hairline impact cracks, loose conduit hubs, or compromised seal fittings.	.....

3. POWER TREES, FEEDERS & CABLE MANAGEMENT

DONE	INSPECTION POINT	ACTION REQUIRED & VERIFICATION CRITERIA	STATUS / SIGN
☐	Power Tree Ground Anchoring	Verify multi-gang reefer power tree bases and mounting frames are anchored securely against gale-force coastal wind loads.	.....
☐	Feeder Cable Elevation	Elevate main distribution panel feeder cables out of low-lying drainage pathways and retention areas. Tie off overhead drop cords.	.....
☐	Drive-Over & Trench Covers	Verify heavy-duty cable ramps across reefer lanes and trench drainage grates are pinned to prevent displacement during storm runoff.	.....

CRITICAL SAFETY DIRECTIVE: Never connect or disconnect energized 480V 32A reefer plugs in standing floodwater. If water reaches pad elevation, immediately de-energize the upstream reefer distribution panel.