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We Must STOP Using Lithium-ion Batteries in BESS”-They Are Dangerous!

The latest 2026 research shows that more than 1 in 8 inspected BESS units had safety-critical issues relating to the battery management system, thermal management, or water ingress. A high percentage”-50%”-of risks for thermal runaway are due to BESS system defects such as coolant leakage due to deformed flange plates; defective valves; loose pipe connections; malfunctioning temperature, smoke, & gas sensors; audible & visual alarms due to internal misfiring; structural deformation; poor wiring & cabling; grounding mechanism defects; water ingress; etc.

These hazardous risks would not exist if we use safe, non-flammable, non-explosive alternatives to Lithium-based batteries for BESS.

Source: Intertek CEA (Clean Energy Associates), 545 E Algonquin Road, Arlington Heights, IL 60005, ”Latest Global ESS (Battery Energy Storage System) Manufacturing Quality 2026 Report”