

PLANNING HEAVY ELECTRICAL & PROJECT CARGO THROUGH JAXPORT

A CHECKLIST FOR SUPPLY CHAIN DIRECTORS

274% Rise in U.S. generator step-up transformer demand, 2019–2025	116% Rise in U.S. substation power transformer demand, 2019–2025	82% Of large U.S. power transformers are imported	128–144 Average lead-time weeks for transformers & GSU units
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Sources: Wood Mackenzie and U.S. Dept. of Energy

America's grid build-out, including new generation, industrial expansion and reshoring, electrification, and aging-equipment replacement, is driving sustained demand to move transformers, generators and other oversized electrical equipment efficiently. JAXPORT's Blount Island heavy-lift berth features up to 2,000 lb/sq ft, on-dock rail, and high-and-wide clearances.

Engaging the port, carrier, terminal operator or stevedore and other specialists early helps identify lifting, routing and equipment constraints before they affect an in-service date.

BEFORE YOU BOOK: SEVEN TASKS TO START EARLY

✓ 1. Cargo data & lift planning Provide verified piece weight, dimensions, center of gravity, lifting points and drawings at booking - so the carrier/terminal/stevedore can finalize crane configuration, rigging and sequencing.	✓ 2. Marine warranty survey Confirm with your cargo insurer or broker whether an independent marine warranty surveyor must review lift, load-out, transport and seafastening - and build approval milestones into the schedule.
✓ 3. Lashing & seafastening engineering Heavy, irregular cargo needs stowage/securing per the vessel's Cargo Securing Manual and IMO guidance - potentially vessel-specific grillage, welded stoppers or shoes. Get drawings and design loads in early for engineering review.	✓ 4. ISPM 15 wood packaging Solid-wood crates, skids, blocking and dunnage may need debarking, treatment and the official IPPC mark. Address this when packaging is designed and sourced - noncompliance can mean inspection, treatment, re-export or refusal.
✓ 5. Classification & customs documentation Confirm Schedule B and HS classifications, and make sure the commercial invoice, packing list and bill of lading agree on description, value, weights and dimensions to avoid duties or delays.	✓ 6. Inland permitting lead time Heavy-haul trucking may need Florida oversize/overweight permits, a defined route, clearance verification, escorts and restricted travel windows. Run this alongside ocean planning.
✓ 7. Booking & cargo-ready dates Heavy-lift capacity runs on liner, semi-liner or tramp/charter schedules, and even liner services can have inducement calls or limited space for unusually heavy pieces. Confirm whether your sailing is fixed or conditional, secure capacity early, and give the carrier a firm cargo-ready window it can rely on.	

Start with JAXPORT.

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Meet the JAXPORT team at Breakbulk Americas
Houston, TX - Booth B07 - Sept. 22–23, 2026