

Generator Load Bank Testing Connection Solutions

Permanent quick-connect infrastructure for commissioning and routine load bank testing of installed standby generators.

The operational need

Standby generators must be proven under load for commissioning and ongoing maintenance. Facilities need a safe, repeatable way to connect load banks without exposed terminations or inconsistent field practices.

What ESL provides

Code-aligned connection equipment designed to match your one-line, protection scheme, and testing procedure, enabling fast and repeatable load bank hookups.

Core products and options

1) Load Bank Connection Stations

Outdoor rated quick-connect point

- Wall or pad mount configurations
- NEMA 3R, 4, or 4X enclosures
- Dead-front touch-safe construction
- Mechanical or key interlocking options
- Labeling aligned to site SOPs and one-line

2) Quick-Connect Interfaces

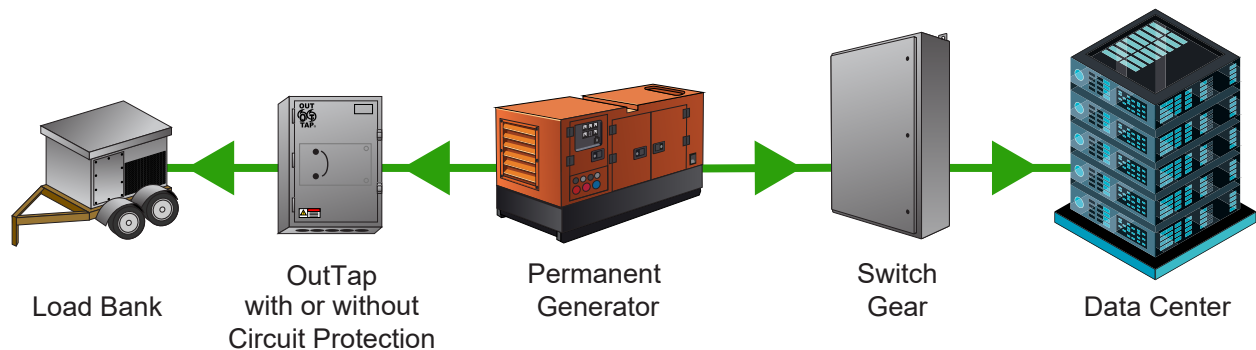
Configured to your site standard

- Single-pole quick connects (as specified)
- Neutral and ground provisions sized to application
- Covers, shrouds, and cable management options

3) Protection, Switching, and Isolation

Packaged options where required

- Integrated disconnect or breakers (project dependent)
- Interlocks to prevent unsafe paralleling/backfeed
- Lockout-ready isolation provisions



Typical electrical ranges

- Low voltage: 208/120V, 480/277V common, others by request
- Ampacity: 200A to 5000A class (application dependent)
- SCCR and coordination aligned to site standards

Ideal buyers

- Facilities and critical operations
- Commissioning agents and owner's engineers
- Electrical contractors and integrators
- Generator service and maintenance teams

Why ESL

- On-time delivery + available capacity to support project schedules
- Built to your one-line and testing program
- Custom Designs to meet unique requirements
- Built to applicable NEC & UL requirements per configuration
- Safety-first design with interlocks and lockout readiness
- Custom Genset Integration
- Standardization for repeatable testing across sites
- Field-practical layouts for faster hookups and fewer errors
- Documentation package for submittals and installation
- Made in the USA

How to specify

Provide a permanently installed load bank connection station for safe, repeatable load bank testing of installed standby generators. Assembly shall be outdoor rated, dead-front touch-safe, labeled to match the site one-line and operating procedure, and incorporate interlocking and isolation provisions to prevent inadvertent energization, paralleling, or backfeed.

Next Step: Send your one-line + voltage/ampacity + preferred connector standard for a custom consultation.