Levine Lectronics and Lectric

Line Card

Serving Georgia, Alabama, Florida, Mississippi, Tennessee, and Arkansas
## The Team

<table>
<thead>
<tr>
<th>Outside Sales</th>
<th>Inside Sales</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Levine, PE <em>(GA)</em></td>
<td>Ava Maguire</td>
</tr>
<tr>
<td>Rich Lussier <em>(GA, TN)</em></td>
<td>Doris Sherrill</td>
</tr>
<tr>
<td>Billy Sanders <em>(AL, MS, FL Pan)</em></td>
<td>Craig McLean</td>
</tr>
<tr>
<td>Adam Norrell <em>(AL, MS, FL Pan)</em></td>
<td>Melody Davis</td>
</tr>
<tr>
<td>Michael McClellan, Jr. <em>(GA)</em></td>
<td></td>
</tr>
<tr>
<td>Carlin Boswell <em>(FL, S. GA)</em></td>
<td></td>
</tr>
<tr>
<td>Maurice Allen <em>(AL, GA, TN)</em></td>
<td></td>
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<tr>
<td>Michael Kahn <em>(GA, TN)</em></td>
<td></td>
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<tr>
<td>Kris Vance <em>(FL)</em></td>
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<tr>
<td>Jim Lazzara <em>(FL)</em></td>
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</table>
GE Multilin Meters

GE Multilin has a full spectrum of advanced metering

- Basic Power Monitoring
  - Replacement of Analog Meters
  - Campus Monitoring
  - Energy Management

- Power Quality & Cost Management
  - Generator over and under voltage
  - Over frequency monitoring
  - Continuous monitoring
  - Voltage Studies

- Advanced PQ Analysis
  - Monitoring Transformer losses
  - Monitoring transients
  - Time of Use energy use
GE Automation

Applications

- Mini Data Concentrator
- Distribution Automation / Pole Mount applications.
- Small Point Count RTU
- Digital Fault Recorder
- Measurement
- Bay Controller
- M&G Equipment Integration

- Medium Centralized Systems.
- Integration of Legacy devices.
- Communication to Master Stations.

- IEC 61850 Systems
- Cyber Security
- Local HMI
- Large Centralized SCADA systems.
- Large Serial Port density.

Gateway Capacity

iBox

D25

D20

D400

D200

System Complexity / Size

Data Concentration

Comprehensive Communication Protocols Library

Modular / Expandable

Communication Gateways to fit any size of applications
GE Monitoring and Diagnostics

GE provides power utilities and industrial organizations with a wide range of transformer monitoring solutions. For more than 35 years, we have developed advanced technological hardware and user-friendly software to enable continuous monitoring, detect impending issues and provide accurate diagnostics to help maximize critical asset operational uptime.

www.GEDigitalEnergy.com
Transformer Standard Voltages

- Primary: 220 x 440, 230 x 460, 240 x 480 – Secondary: 110/115/120 – 50/60 Hz
- Primary: 550/575/600 – Secondary: 110/115/120 – 50/60 Hz
- Primary: 120/240 – Secondary: 24 – 50/60 Hz
Breadth and depth in expert products
Water and Wastewater  Industrial
High Resistance Grounding

Post Glover's industry leading PulserPlus.Net™ is an integral part of a system wide 98% arc-flash prevention strategy as well as providing 24/7 system reliability. The only digital HRG system on the market delivers flexible defense and the ability to communicate with your existing network protection package.

- UL and C-UL certified
- Available for Delta connected networks
- Low and medium voltage designs
- Stand-alone or switchgear cubicle installation

Low Resistance Grounding

Standardized, pre-engineered packages allow for quick shipment and reduce your cost. Customers rely on our extensive experience to efficiently deal with unique applications.

- Available UL and CSA certifications eliminate field inspections
- Current transformers
- Special enclosure finish and materials
- Elevating structures
- Special side or top entrance/exit bushings
- Custom ratings

MOTOR CONTROL

Relying on the industry's most innovative resistor manufacturer with over 100 years of experience takes the guesswork out of your motor control applications. With all resistor elements made from rugged, specially stainless steel alloys, Post Glover is the one source for original or replacement resistors.

- Crane control resistors for all sizes of electric overhead cranes
- Wound rotor, induction and squirrel cage motor resistors

UL Listed

 CSA
Dynapar offers a wide range of NorthStar, Hengstler and Dynapar magnetic and optical encoders, many of them available with dual sensor output for maximum uptime.
Timers and Relays

- Solid State Current Sensor
- True Off Delay Cube Relay Timer
- Solid State Timer
- Custom Current Sensor
- Custom Control
- Heat Pump Control
- HVAC Control
- Microprocessor Recycle Timer
PUTTING **POWER** TO WORK in Water Irrigation Systems

**Peltec 102 Recycle Timer**
Universal voltage repeat cycle in rail timer

<table>
<thead>
<tr>
<th><strong>Universal Voltage Relay Timers &amp; Digital Timers</strong></th>
<th><strong>Voltage &amp; Phase Monitoring Controls</strong></th>
<th><strong>Over / Under Current Sensors</strong></th>
<th><strong>Universal Voltage Power Relays</strong></th>
</tr>
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<tbody>
<tr>
<td>Available in a wide variety of timing modes.</td>
<td>Phase monitoring available from 208 to 575 Volts. Voltage monitoring from 24 to 276 Volts.</td>
<td>For AC sensing from .1 to 20 amps.</td>
<td>Available in 8 amp or 16 amp outputs in 3PDT or SPDT.</td>
</tr>
</tbody>
</table>
LV & MV paralleling switchgear. Built to (UL / ANSI & IEC) standards.

Power management system
Generator based prime power, back up.

Switchgear automation - SCADA
main-tie-main, main-tie-generator

Turbine control, generator protection
Power plant - distributed control

Remote generator/asset monitoring
Geo Fence, RTU, remote control, 3G

Microgrid solutions
AC, DC, DC Storage solutions

Engineer - Build - Startup
Medium Voltage Drives
- Up to 5,500 HP
- 3.3kV to 11kV

Medium Voltage Motors
- Up to 30,800 HP
- Variety of Enclosures
Zenith Automatic Transfer Switches and Paralleling Switchgear

**ZTX Series**
Small Frame Residential, Commercial & Light Industrial
- Standard Transition
- 40-400 Amp, 120-480 Volt Ratings
- 2, 3 or 4 Pole

**ZTG Series**
General Purpose Commercial & Industrial
- Standard or Delayed Transition for motor, transformer or UPS switching
- Extended ratings up to 3000A & 600VAC (2, 3 or 4 Pole)

**ZTS Series**
Business & Industrial Critical
- Standard, Delayed or Closed Transition for make-before-break source switching
- Extended ratings up to 4000A & 600VAC (2, 3 or 4 Pole)
- Maintenance Bypass available on all frames and transition types

**ZTE Series**
Mission, Process & Healthcare Critical
- Specially-designed for Critical Applications, with built-in PQ metering, Enhanced Diagnostics and Connectivity
- Full color graphical display
- Standard, Delayed, Closed Transition & Bypass up to 4000A & 600VAC (2, 3 or 4 Pole)
EP Industrial Solutions

Single and Three Phase UPS

TLE Series
- TLE Series UPS - 60 Hz, 225-1000kW
- TLE Series UPS – CE, 30-40kW
- TLE Series UPS – CE, 40-120kW Scalable
- TLE Series UPS - 50 Hz, 160-400kW

SG Series
- SG Series UPS - 60 Hz, 10-750kVA
- SG Series UPS - 50 Hz, 10-600kVA, 400Vac

LP33 Series
- LP33 Series II UPS - 15-100kVa, UL Version 208/120VAC
- LP33 Series I UPS 10-120kVa, CE Version 380/400/415VAC
**StormSwitch**
- **Range:** 70A-3000A
- **Connectors:**
  - 400A Cam-style Male Quick Disconnects
- **Enclosure Construction:**
  - NEMA 3R GalvaSteel
  - 304SS and 316SS Options

**TripleSwitch**
- **Range:** 100A-3000A
- **Connectors:**
  - 400A Cam-style Male & Female Quick Disconnects
- **Enclosure Construction:**
  - NEMA 3R GalvaSteel
  - 304SS and 316SS Options
Low-Voltage and Medium-Voltage Load Banks

Low-Voltage Typical Ratings
- Primary Voltages: 240/480, 480 or 600VAC, 3-Phase
- Power Ratings: 100KW – 2500KW

Medium-Voltage Typical Ratings
- Primary Voltages: 13800, 12470, 12000, 8400, 8000, 7200, 4160, 2400 VAC, 60 Hz
- Power Ratings: 1000, 1250, 1500, 1750, 2000, 2250, 2500 kW
Liquid Filled Transformers

- Distribution, Power, Rectifier, and Grounding Transformers
- Up to 1400MVA
- Primary Voltages up to 500KV
PadMount Transformers

Liquid Filled Padmount

- UP to 5MVA
- Primary Voltages up to 69KV
• UP to 10 MVA
• Primary Voltage up to 34.5 KV
• Submersible Transformers
• Great submittal package
Dry Type Transformers

- Capacity: 9 KVA thru 10 MVA
- Voltage: up to 34.5 KV
- Winding Configurations:
  - Multiple Pulse (6, 12, 18, 24, etc.)
  - Unit Substation
  - Mining
  - Scott T Connection
  - Custom Medium Voltage Dry-Type
- Buy U.S. Statutes:
  - Made in USA
  - ARRA (American Recovery and Reinvestment Act)
  - BAA (Buy American Act & Buy America Provisions)
  - TAA (Trade Agreements Act)
  - SPPA 73 P.S. 1881 (Steel Products Procurement Act)
Cast Resin Power Transformers:

- From 150kVA to 25MVA
- Primary Voltages up to 34.5kV
- Transformers are rigidly bound in epoxy via a vacuum casting process
- Cast resin types highest on evolutionary spectrum of transformer technology
- Epoxy cast coils arranged coaxially around an iron core
Batteries and Battery Chargers

- Nickel Cadmium
  - Pocket Plate
  - Sintered / PBE
- Vented Lead Acid
  - OPzS (tubular)
  - Pasted Plate
- VRLA
  - Gel
  - AGM
- Battery Chargers
- Battery Racks and Cabinets
The SPS product line includes a full complement of metal enclosures and buildings, low voltage controls and full switchgear systems up to 38kV.
Paralleling switchgear lineups are available in different models to match your specific system design requirements.

- Multiple (up to 8) Genset Options Include: Isolation Mode and Utility Paralleling Mode.
- WebTOUCH enabled monitoring option provides user ability to monitor the status and health of the system from an on-site or off-site location.
Padmount Switchgear

- 5-35kV Padmount and Submersible Vacuum Switchgear
• **Arcteq Arc Flash Quenching Systems**

  • ELIMINATES the need for all arc-rated PPE clothing.
  • *Why “redirect” or “vent” when you can ELIMINATE?*
  • The ultimate solution for mitigating arc flash hazards.
  • Minimizes damage to critical equipment assets.
  • Meets IEEE C37.20.7-2007 Arc Resistant Switchgear requirements.
  • Protects both switchgear and downstream assets such as MCCs.
  • Guaranteed low-voltage arc quenching in 6 milliseconds.
  • Guaranteed medium-voltage (up to 15 kV) arc quenching in 6 milliseconds.
  • Less than 1.2 calories per cm² incident energy at the Working Distance.
  • Available in both new and retrofit applications – UL Listed.
Remote Racking

- Corrosion Resistant Aluminum Structure
- Hand/Truck design for Maneuverability
- 75’ of Cable as Standard
- High-Def Color Touchscreen Controls
- Wheel Breaks
- Non-Flat Tires (standard) or 4 Caster Wheels (optional)
- Plug-in Accessories
- Adjustable Motor Tray
- Position Indicators for Easy Alignment
Field Testing and Site Maintenance Services
- Scheduled testing and maintenance services for electrical systems
- Installation, start-up and commissioning of new equipment
- Protective relaying, variable frequency drives and PLC’s
- Field and site testing of motors, motor contactors and starters
- Relay Upgrades

Engineering and Design Engineering Services
- Substation and distribution system design, upgrades and additions
- System load studies and protective relaying coordination studies, NFPA70E Arc Flash Analysis
- Electrical inspections to determine compliance with codes and standards
- Equipment failure forensics/arc flash hazard studies

In-Shop Remanufacturing Services