

General Electric LRT-200 Series Training Class

PROVEN MAINTENANCE, CALIBRATION AND OPERATION TECHNIQUES

Leading electricity providers know it takes more than field technicians and a dispatch center to properly maintain critical power system assets that make up their transmission and distribution systems. To be effective, your team needs to acquire knowledge and product specific skills to allow them to accurately troubleshoot and repair this equipment.

Recognizing the demand in the electric power industry for a structured program that teaches these critical skills, we developed a comprehensive series of LTC maintenance training courses. One of the model series on which we can help is the GE LRT-200 Series.



WHAT WE COVER

The Basics

- Theory of Tap Changer Operation
- Differences Between the LRT-200 and LRT-200-2
- Timing and Calibration
- Design History and Product Evaluation
- Sequence of Operation
- Time Delay Between Operations
- Electrical Connections
- Proper Torque of Connections
- Complete Unit Checks Prior to Installation
- Checklist for Recommended Periodic Maintenance Intervals
- Neutral Position and the Need for the Unit to Pass Through Neutral

Critical Components

- Vacuum Interrupters
 - Proper operation
 - Advantages
 - Calibration and adjustments
 - Bottle testing
 - Troubleshooting
- Reversing Switch
 - Proper operation and purpose
- Bypass Switch
 - Proper operation
 - Arcing
 - Calibration and adjustments
 - Troubleshooting
- Shorting Switch S3P
 - Proper Operation
 - Calibration and adjustments
 - Troubleshooting



LRT-200-2 Selector Switch



LRT-200-2 Reversing Switch



LRT-200 Vacuum Bypass Switch



LRT-200-2 Style Vacuum Bypass

WHO SHOULD ATTEND

Field service technicians, relay technicians, substation technicians and engineers with maintenance and testing responsibilities for utilities can benefit from this class as well as supervisors and others who have responsibility for the testing and maintenance performed by contractors. We also recommend these classes for purchasing specialists and LTC inventory/parts manager.

COURSE STRUCTURE

Training courses can be held at one of our training centers, off-site at regional locations across the U.S./Canada or at a customer's site. For customer on-site training, our training team coordinates shipment of required training equipment and conducts courses at the customer's facility, eliminating the need for customer travel. All training models were once fully functioning in the field, totally refurbished for use in these classes. In addition to the LRT-200-2 training model supplied by us, the customer has the option to supply a unit of their own for calibration and checking during class.

Each student receives a course manual that is theirs to keep with easy-to-use field reference guides along with many pages of technical resources. Our staff has compiled the information from personal experience as well as from that of utility-recognized experts on specific makes and models. Our qualified instructors teach each course, providing many years of experience to properly train your maintenance team.

Class sizes are limited to 15 students to maximize participants' hands-on learning time and interaction with instructor(s). Contact us for customized class sizes and/or specialized training.



CALL 800-338-5526

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9011 Governors Row | Dallas, Texas 75247