

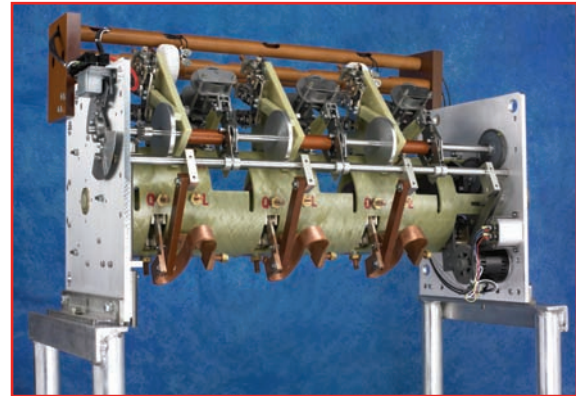
General Electric LRT-200 Series Training Class

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.



GE LRT-200-2 Load Tap Changer Training Model

What We Cover

THE BASICS

- Theory of Tap Changer Operation
- Differences Between the LRT-200 and the 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



LRT-200-2 Selector Switch

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 Reversing Switch



LRT-200 Style 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 managers.

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 equipment and conducts courses at the customer's facility. 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 the 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. Our qualified instructors teach each course, providing many years of experience to properly train your team.

To be sure participants maximize their experience and hands-on learning, we limit class sizes to 15 students. If you have more than 15 potential students, special pricing can be arranged to accommodate two classes held in the same week on consecutive days.

Contact Us for Additional Information or to Schedule Your Class:

call 800-338-5526

visit www.WaukeshaElectric.com



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