

equivalent of 261 homes annually. It also offsets nearly 2,330 tons of carbon dioxide (CO₂), a leading greenhouse gas associated with climate change. Renewable generation contributes 3% to their total generation portfolio annually. In May of 2002, NEG Micon USA, Inc., stated Waverly's wind turbine was among the highest producers for NEG Micon turbines in the United States. "It was the highest producer of all NEG Micon turbines in the Midwest in May," said Steve Butler, Technical Services Advisor for Waverly Light and Power. The Utility had an estimated capacity factor of 27% annually, but to-date it has averaged 32.5%.

Commitment to Future Development

Through the strong leadership of the WLP Board of Trustees, Waverly Light and Power has maintained its position as an industry leader in renewable energy and energy efficiency over the years. In 2006, the Board committed to make renewable resources the source for 20% of WLP's system energy requirements by the year 2020. This commitment has reaffirmed WLP's position at the threshold of energy markets for the next century. New options are currently being pursued in this visionary effort. Cooper Power Systems has been developing new and exciting equipment to help WLP and other utilities meet the ever increasing demands for safer, environmentally friendly, and more efficient transformers. ■

For more on Cooper Power Systems proactive approach to meeting the requirements of the Department of Energy standard while incorporating innovative FR3 fluid to provide utilities with "green" energy-efficient transformers, please read: Cooper Provides Utilities DOE 2010 Standard-Efficient Designs by Jim Kozak, PE.

Efficiency in the field starts with training in the classroom.

Cooper Power Systems' training program improves operator performance, increases efficiency, and optimizes equipment operation. For product training information, visit:

www.cooperpower.com/EventCalendar
www.cybertec.com/training

 **COOPER** Power Systems



CABLE PREPARATION AND TERMINATION TRAINING

Ken Easterday, Product Specialist, LiPE - C&I – Cooper Power Systems

The need for lower-cost medium-voltage installations, in an extremely competitive contract environment, which is under short time constraints—all of these issues are running through the minds of Cooper Power Systems customers. Also of importance, but at times overlooked, is the need for experienced and trained cable and termination installers. No matter who the customer, the location of the installation, or the application, there is potential that the contracted installers are new to the project and they may have very little experience with proper medium-voltage cable preparation. Cable Preparation and Termination Training (CPTT) is not only needed, but sometimes required, depending on the end customer.

Since cable preparation training needs have become more frequent, some Cooper representatives have filled the need and conducted these training events themselves. Michael McClellan, Jr., of Haddon-McClellan Associates, Inc., looks to provide CPTT for his customers with medium to large cable accessory orders. "We provide cable training because it is necessary to support the sale, solidify the customer relationship, and provide customer service for both Haddon-McClellan Associates, Inc., and Cooper Power Systems," says McClellan. "We

usually provide 3 to 4 training sessions per year." In addition, McClellan mentions "It's a great opportunity to talk to the customers about the tools needed for the preparation and perhaps get clarification."

Another Cooper representative, Rick Denno, from RM Clark Associates, Inc., uses CPTT as an opportunity to get Cooper cable accessories in front of potential customers. "I talk to them about separable connectors, and then we all go through the CPTT. Five times out of ten, it results in added requirements for loadbreak elbows, junctions, splices, and sector cabinets. I call on several large government campuses that require their contractors to have training before they can work on MV terminations. This is a good opportunity to get Cooper in front of them, provide CPTT, as well as a certificate of training."

Cooper Power Systems can provide a certificate of completion for all CPTT that includes a Cooper logo, description of the training, the location, and a signature of the person performing the training.

In addition, Cooper will be introducing a 200 A and 600 A CPTT training video on DVD that covers the latest techniques and tools for proper cable preparation and terminations. Look for this DVD in the summer of 2008. ■