

West Oxford Substation

Northeast Mississippi Electric Power Association



FISHER ARNOLD

Northeast Mississippi Electric Power Association (NEMEPA) maintains over 2,000 miles of lines in a 920-square-mile service area which includes parts of Lafayette, Marshall, Union, Pontotoc, and Benton Counties. NEMEPA also maintains substations in Oxford, Taylor, Anderson, Woodson Ridge, Enterprise, Martintown, Industrial Park, Cornersville, Lafayette Springs, College Hill, Sardis Lake, West Oxford, and Brittany Woods, along with a Waterford metering point.

In order to serve and improve reliability of electric service around Oxford, Mississippi, NEMEPA engaged Fisher Arnold to prepare plans and specifications for a new 161/15 kV substation located near Oxford. The new substation can supply 50 MVA of capacity over four 15 kV circuits. Microprocessor relays were incorporated into the design to provide Northeast with the latest technology to protect the two 25MVA transformers, 15 kV distribution lines and substation.

