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## **Duck River Electric Dedicates New Boynton Valley Substation**

Congressman Lincoln Davis' Chief of Staff, Beecher Frasier, and his District Director, Sammy Lowdermilk, were among the dignitaries on hand Wednesday, September 3, when Duck River Electric Membership Corporation officially dedicated a new \$2.1 million electric power distribution substation in the Boynton Valley community of Coffee County.



(left to right, front row) State Representative Judd Matheny, Aulden Matheny, Meghan Campbell, Roxanne Patton, Manchester Mayor Betty Superstein, Coffee County Mayor David Pennington; (second row (from left) TVA Customer Service Manager Teresa Ashworth, Jeff Burnette, DREMC Chief Engineer Blake Butler, DREMC Vice-Chairman Buford Jennings, DREMC Chairman Brent Willis, Congressman Lincoln Davis' Chief of Staff Beecher Frasier, DREMC Director Mike England, Coffee County Industrial Board Executive Director Ted Hackney; (back row, from left) Mike Neiderhauser, Coffee County Industrial Board Chairman Bill Comer, DREMC Director John Moses, DREMC District Manager David Young, DREMC President and Chief Executive Officer Jim Allison and DREMC District Operations Supervisor Bryant Shearin.

Located at 1611 Matts Hollow Road, just northwest of the city of Manchester, the substation is a new addition to the total number of substations now being operated by DREMC. This new substation will serve consumers in Blanton's Chapel, Sixteenth Model, Noah, portions of Beech Grove, Lakewood Park, Highway 53 north of New Union and the Boynton Valley area. In addition, it will provide back feed capability for a portion of the area in and around the city of Manchester should it be needed in an emergency situation.

The main power transformer in the substation, which reduces the incoming TVA voltage of 161,000 volts to the DREMC distribution voltage level of 25,000 volts, is rated to continuously deliver 42,000 KVA of power and was built to DREMC specifications by the Delta Star Incorporated at their Lynchburg, VA manufacturing facility. Cost of the transformer alone was approximately \$1 million.

A special feature of the substation design is that it will readily accept the DREMC mobile spare substation transformer. This unit can be rolled into place to enable maintenance to be performed on the primary transformer, or in the unlikely event of a failure of the primary transformer, can be put in place until necessary repairs can be made.

The substation was constructed by Aubrey Silvey Enterprises of Carrolton, GA while design services were performed by Midsouth Utilities of Bartlett, TN. Project management was handled by DREMC staff. Funding for the project was provided through long-term capital improvement loans made through the U S Department of Agriculture's Rural Utilities Service.

*Duck River Electric Membership Corporation is a member-owned non-profit electric distribution cooperative serving all or portions of 16 counties in south central Tennessee. Headquartered in Shelbyville, the cooperative serves more than 70,000 member owners and has offices in Decherd, Sewanee, Manchester, Lynchburg, Lewisburg and Columbia.*