Power Generation and Transmission

- TVA has five combustion turbine sites in Mississippi. The Ackerman, Caledonia, Magnolia, and Southaven facilities have combined cycle combustion turbines. At the fifth site, Kemper, a simple cycle combustion turbine produces power. Ackerman was purchased in April of 2015 and has a generating capacity of 713 megawatts. Ackerman is a three-unit plant with a capacity of 918 megawatts. Caledonia and Southaven each have three units that can generate more than 750 megawatts of peaking power per site. Kemper has four units with a total generating capacity of 348 megawatts.
• TVA operates two solar facilities in Mississippi; a 36-kilowatt site on the Oxford campus of the University of Mississippi and a 17-kilowatts site at Mississippi State University in Starkville.

Land and Water Stewardship

• A portion of Pickwick Reservoir, including 90 miles of public shoreline, is located in the northeastern portion of Mississippi and provides camping, fishing, boating, swimming and other recreational opportunities. TVA maintains two stream access sites in the state.

• TVA manages recreational, natural and cultural resources on more than 1,700 acres of public land in Mississippi and partners with communities, and local, state, and regional stakeholders to improve water quality and biodiversity, shoreline conditions, recreation, wildlife, and habitats on lands, Pickwick Reservoir, and its tributaries.

River Management

• About 200 million gallons of water per day are diverted from the Tennessee River to the Tennessee-Tombigbee Waterway to help support navigation and recreation, as well as protect aquatic habitat in Mississippi.

• TVA operates Pickwick Dam and Reservoir as part of an integrated multi-purpose reservoir system to provide numerous stakeholders a variety of benefits that include navigation, flood risk reduction, low-cost hydropower, water supply, water quality, and recreational opportunities.

• Two municipalities in Mississippi draw water from the Tennessee River System. Water also is drawn for irrigation.

Other TVA Operations

Mississippi households achieved 1.27 million kilowatt-hours of energy efficiency savings. 171 new homes were built and 107 new homes were incentivized to install Smart Electric Technologies.

TVA Suppliers

$88.5 million in non-fuel materials and services purchased from Mississippi vendors.

Tax Equivalent Payments

$39 million paid in lieu of taxes.

Personnel

246 TVA employees | 380 TVA retirees

Economic Impact

6,200 jobs created or retained | $978 million invested

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