**TENNESSEE VALLEY AUTHORITY**

**KENTUCKY FACT SHEET**

**Power Generation and Transmission**

- In Kentucky, TVA operates one hydroelectric dam (Kentucky Dam), eight combustion turbines (in Marshall County), two coal-fired power plants (Shawnee and Paradise) and a combined-cycle gas plant (Paradise) with a total capacity of more than 4,100 megawatts.

- TVA operates one solar facility in Kentucky: a 41-kilowatt site at Lovers Lane Soccer Complex in Bowling Green.

- Paradise Units 1 and 2 were retired in 2017. In 2019, the TVA Board of Directors approved the retirement of Paradise Unit 3 by December 2020.

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**Energy Sales**

<table>
<thead>
<tr>
<th>SOLD</th>
<th>PROVIDED</th>
<th>SERVED</th>
<th>HOME TO SERVED</th>
<th>REVENUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.4 billion</td>
<td>3 billion</td>
<td>4 billion</td>
<td>17</td>
<td>$691 million</td>
</tr>
<tr>
<td>kilowatt-hours</td>
<td>kilowatt-hours</td>
<td>kilowatt-hours</td>
<td>customers</td>
<td>power revenue</td>
</tr>
<tr>
<td>OF ELECTRICITY TO</td>
<td>OF ELECTRICITY TO</td>
<td>OF ELECTRICITY TO</td>
<td>PURCHASING</td>
<td>IN KENTUCKY 2019</td>
</tr>
<tr>
<td>10 municipalities &amp;</td>
<td>210,000 HOUSEHOLDS</td>
<td>47,000 Commercial &amp; Industrial Customers* Through the LPCs</td>
<td>3.4 BILLION</td>
<td>6.1% of TVA TOTAL</td>
</tr>
<tr>
<td>co-ops</td>
<td></td>
<td></td>
<td></td>
<td>Operating Revenue</td>
</tr>
</tbody>
</table>

*79 million kilowatt-hours to outdoor lighting customers.

LPC = local power company

**Service Area**

- TVA COVERS 7,787 Square miles OF KENTUCKY
- 9% OF TOTAL SERVICE AREA
- 1,043 Square miles WATERSHED MANAGEMENT

Local power companies who distribute TVA power serve all or a portion of the following counties in south central and western Kentucky: Adair, Allen, Barren, Butler, Caldwell, Calloway, Carlisle, Christian, Clinton, Cumberland, Edmonson, Fulton, Graves, Grayson, Hickman, Livingston, Logan, Lyon, Marshall, Metcalfe, Monroe, Muhlenberg, Ohio, Simpson, Todd, Trigg, Warren and Whitley.
Land and Water Stewardship

- Kentucky Reservoir has a surface area of 160,300 acres and about 2,000 miles of shoreline.

- TVA manages recreational, natural and cultural resources on more than 60,000 acres of public land around Kentucky Reservoir and partners with local, state, and regional stakeholders to improve water quality and aquatic biodiversity, shoreline conditions, recreation, wildlife and habitats on lands, reservoir and its tributaries.

- The TVA visitor center at Kentucky Dam hosted 28,118 visitors during fiscal year 2019.

River Management

- TVA maintains the structural, seismic and hydraulic integrity of Kentucky Dam, which at 8,422 feet is the longest dam on the Tennessee River.

- TVA operates Kentucky 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.

- TVA owns Kentucky Lock, serving 35 ports and terminals. Approximately 22 million tons of cargo moved through the facilities in fiscal year 2019.

- Kentucky Dam and Reservoir are operated to reduce crests on the lower Ohio and Mississippi rivers.

- Five industries and one mining company in Kentucky draw water from Kentucky Reservoir. Water also is drawn for irrigation.
Kentucky households achieved 373,773 kilowatt-hours of energy efficiency savings. 204 new homes were built and 49 existing homes were incentivized to install Smart Electric Technologies.

### Personnel

<table>
<thead>
<tr>
<th>TVA Employees</th>
<th>TVA Retirees</th>
</tr>
</thead>
<tbody>
<tr>
<td>519</td>
<td>1,432</td>
</tr>
</tbody>
</table>

### Economic Impact

- **6,000** jobs created or retained
- **$1.2** billion invested

### Tax Equivalent Payments

- **$38.8** million paid in lieu of taxes

### TVA Suppliers

<table>
<thead>
<tr>
<th>Supplies Purchased from Kentucky Vendors</th>
<th>Fossil Fuels &amp; Associated Services</th>
<th>Non-Fuels Materials and Services</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>$193.7</strong> million</td>
<td></td>
<td><strong>$192.7</strong> million</td>
</tr>
</tbody>
</table>