Water Conservation Plan Strategies

- Education
- Incentives
- Regulation
- Research and Verification

Water Conservation Program
Conservation Savings Verification Study

- Developed models to verify conservation water savings for LCRA’s nine largest customers, excluding Austin
  - Represents about 65% of LCRA firm non-Austin water use
- Model used weather-related factors and presence of drought restrictions
- Study found about 2 gallons per capita per day annual decrease in water use since 2010
2019 Water Conservation Plan – Goals and Savings

- Savings exceeded all 2019 water conservation plan goals
- Staff intends to further increase savings in 2024 plan as part of required five-year update

<table>
<thead>
<tr>
<th>Water use</th>
<th>2019 plan goal for annual savings (acre-feet)</th>
<th>Actual savings in 2022 (acre-feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCRA power plants</td>
<td>700</td>
<td>1,300</td>
</tr>
<tr>
<td>Municipal</td>
<td>6,500</td>
<td>7,400</td>
</tr>
<tr>
<td>Irrigation operations</td>
<td>15,000</td>
<td>16,500</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>22,200</strong></td>
<td><strong>25,200</strong></td>
</tr>
</tbody>
</table>
Firm Water Conservation Program Incentives

- **Firm Water Conservation Cost-Share Program**
  - Awarded more than $700,000 since 2019
  - Total leveraged dollars equaled about $13 million
  - Application deadlines in the spring and fall

- **WaterSmart Rebates**
  - Awarded $200,000 since 2019
  - Includes irrigation system evaluations, irrigation system equipment, pool and landscaping rebates
2024 Water Conservation Plan Update

• Potential Changes
  – Update five- and 10-year conservation goals
  – Evaluate existing strategies
  – Potentially expand programs

• Next Steps
  – February 2024 – Water Operations Committee draft plan
  – March 2024 – Post draft plan for public comment
  – April 2024 – Present plan for LCRA Board action
  – May 2024 – Submit plan to Texas Commission on Environmental Quality and Texas Water Development Board