Envisioning the Next 50 Years

A Utility and Industrial Perspective
Subtitled: Don’t Forget About US
First a Quiz
Which STATE University holds the most National Championships?
A unit of American Electric Power
Where are We Now?
# Reported Water Usage

<table>
<thead>
<tr>
<th></th>
<th>Groundwater</th>
<th>Surface Water</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Power</td>
<td>0.9%</td>
<td>3.4%</td>
<td>2.1%</td>
</tr>
<tr>
<td>Power</td>
<td>0.3%</td>
<td>21.4%</td>
<td>10.6%</td>
</tr>
</tbody>
</table>
Have to remember that: industry and utilities purchase a large amount of water from public water supply systems,
Beneficially reuse wastewater in some cases and return a large amount of the water back into the same water body.
## Oklahoma Gross Domestic Product

<table>
<thead>
<tr>
<th>Industry</th>
<th>2006 % change</th>
<th>1997 – 2006 % change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial</td>
<td>10.4%</td>
<td>16.2</td>
</tr>
<tr>
<td>Power</td>
<td>2.5%</td>
<td>65.8</td>
</tr>
<tr>
<td>Mining</td>
<td>15.5%</td>
<td>482.3</td>
</tr>
</tbody>
</table>

U.S. Department of Commerce
Where are we Going?
Growth in Oklahoma

Population growth rate in 2006 – 1.1% to 3,579,200

Department of Commerce attributes growth rate to Economic Diversification

Population Projections in 2030 - 9.1% above 2006

U.S. Census Bureau

Power Generation Projected Growth – 1.5% /year
Power Generation Growth

- Water usage will be dependant on technology and DSM implementation

- DSM and energy efficiency hope to reduce growth to 1.1% per year
In Closing:

Don’t Forget About US