WHAT IS PUBLIC POWER?

Community-owned, not-for-profit public power utilities power homes and businesses in 2,000 communities — from small towns to large cities.

#PublicPower
PUBLIC POWER UTILITIES PROVIDE ELECTRICITY TO 49 MILLION PEOPLE* IN 49 STATES AND 5 U.S. TERRITORIES

1 IN 7 ELECTRICITY CUSTOMERS IN THE U.S. ARE SERVED BY PUBLIC POWER

*Based on U.S. Census Bureau stats of 2.54 people per household/meter
Trade association representing public power utilities across the U.S.
Key Pillars of Grid Security

• Mandatory and enforceable standards
• Information sharing
• “Defense-in-depth” and sector-wide preparation exercises
• Public private partnerships
Serves as a liaison between the federal government and electric power industry, with the mission of coordinating efforts to prepare for, and respond to, national level disasters or threats to critical infrastructure.
Member Needs-Based Approach to Cybersecurity

Education, training, and best practices

Information sharing (including situational awareness/sensors as a component)
Public Power Cyber-Demographics

<table>
<thead>
<tr>
<th>Utility Cluster</th>
<th>Number of Public Power Utilities</th>
<th>Customer Count</th>
<th>NERC-Registered Entities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>1255</td>
<td>0 to 3,995</td>
<td>14</td>
</tr>
<tr>
<td>Medium</td>
<td>461</td>
<td>4,015 to 408,411</td>
<td>88</td>
</tr>
<tr>
<td>Large</td>
<td>290</td>
<td>0 to 1,458,330</td>
<td>157</td>
</tr>
</tbody>
</table>

Targeting the 750 utilities with Industrial Control Systems (ICS) on distribution systems
Cybersecurity Publications
What’s Next?

• Cybersecurity is a big focus of Biden administration and Congress.
• Areas of specific focus are supply chain security, data breach and information sharing.
• Bulk Power System Executive Order (BPS EO) suspended for 90-day review.
• New EO directing year-long review of the supply chains of six key sectors, including the energy sector industrial base.
Key Messages

• The electric sector has strong mandatory and enforceable cyber and physical security standards in place.

• Threats are always evolving, and standards are only one part of ensuring security.
  
  • Support strong industry-government partnerships to prevent, prepare for, and respond to attacks.
  
  • Oppose redundant reporting mandates.
  
  • Facilitate the sharing of timely and actionable threat information.
Thank You

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