

Cybersecurity **Threats** and **Strategies** to Maintain a Sustainable Energy Future

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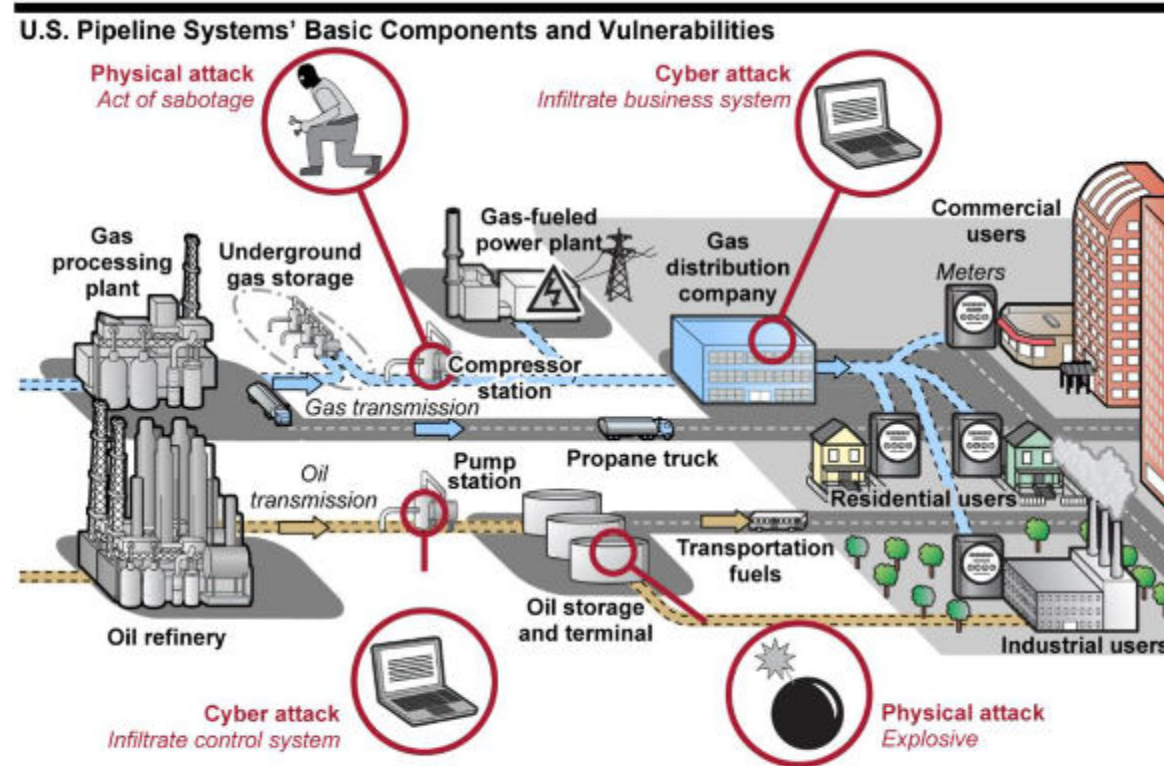
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Threats

- Increasing
- Complex
- Technology ever changing
- Recent examples:
 - Colonial
 - SolarWinds



Setting the context in one sector...



Source: GAO analysis of Transportation Security Administration information. | GAO-19-48

Problem

- Cybersecurity considered an IT issue
- Security personnel gap (> 400,000 jobs open in US alone!)
- Cascading ripple effect on all sectors
- Continuity of Operations awareness



Suggestions to consider



- Importance of HR and Training
- Maturity assessment
- Key technologies:
 - personal permissions management,
 - internal network segmentation,
 - Multi - factor authentication
- Information sharing vital
- Individual responsibility

Let me hear from you!



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