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# Plenary Session- Introduction

AESP Fall Conference, Bridging the Gap  
between Energy Efficiency and Demand  
Response Programs and Policy  
October 6, 2010 Portland Oregon

Thoughts from the Moderator  
Mike Messenger, Itron

# Theme for Today's Panel

- How can AMI network bridge gap between energy efficiency and demand response?

## Equally important precursor question

- How to ensure steady rollout of AMI networks without catastrophic failure, cost overruns, or bad publicity for network planners and or managers?
- Learn from History of Networks

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## Top 10 Most Important Networks that led to improved quality of life in Human Civilization

1. Language- ideas transfer via common symbols and sound
2. Money- via coins/paper
3. Water Distribution/Sewer Mains
4. Road Networks to Interstate highways- goods, people
5. Books-Distribution of ideas

# Top 10 continued

6. Railroads
7. Telegraph/Telephone/Cell phones
8. High Voltage Electricity Grids
9. Radio/Television
10. Internet/ financial networks

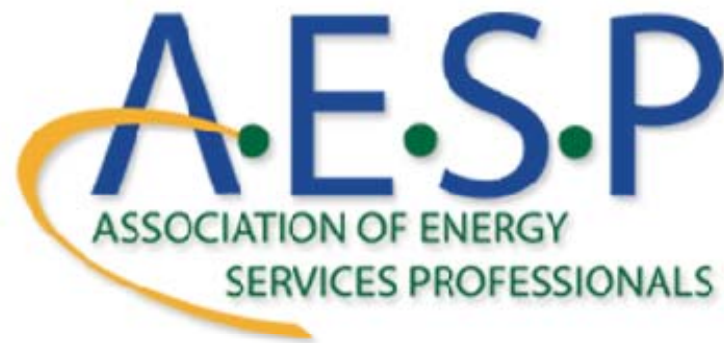
What's next?? the Smart Grid?

# Keys to Network Success

- Security/Privacy of ideas/goods over network
- Service options available if network fails
- Initial cost to participate/use network is low
- Value of Networks usually experiential based and spread by word of mouth
- Advertizing revenue speeds network use and deployment (modern networks only?)

# Results of Audience Survey

- After listening to presenters, we want your opinion on the likely penetration of home energy management gateways, How long will it take to install these devices and make them available via TV, PC or other monitors in 50% of the residential HH in your service territory?  
Multiple choice responses:
  - within 5 years-5%
  - within 10 years- 78%
  - won't happen ever-12%
  - Refuse to answer/not enough information-5%



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