

Power Outage Preparedness

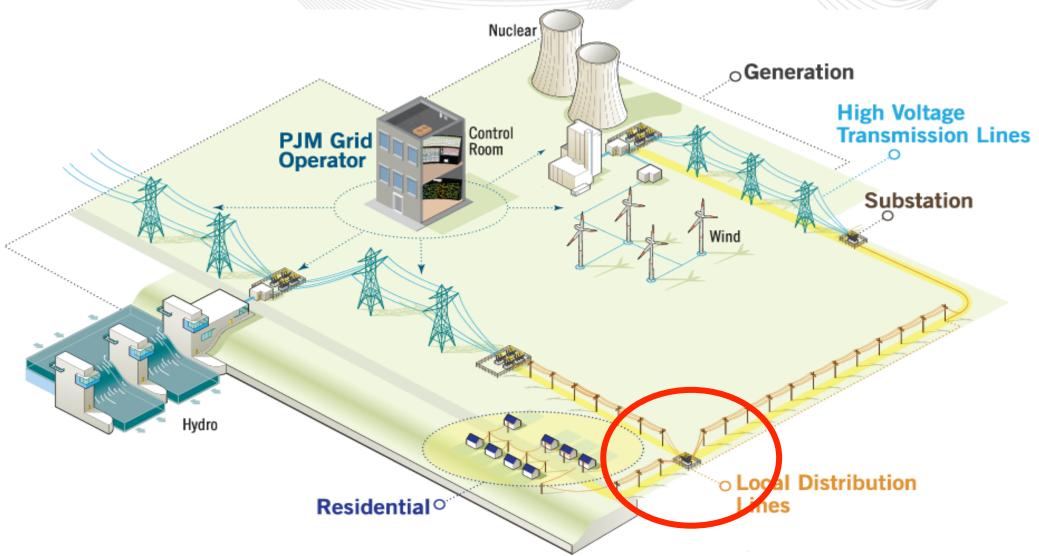


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The Distribution of Power

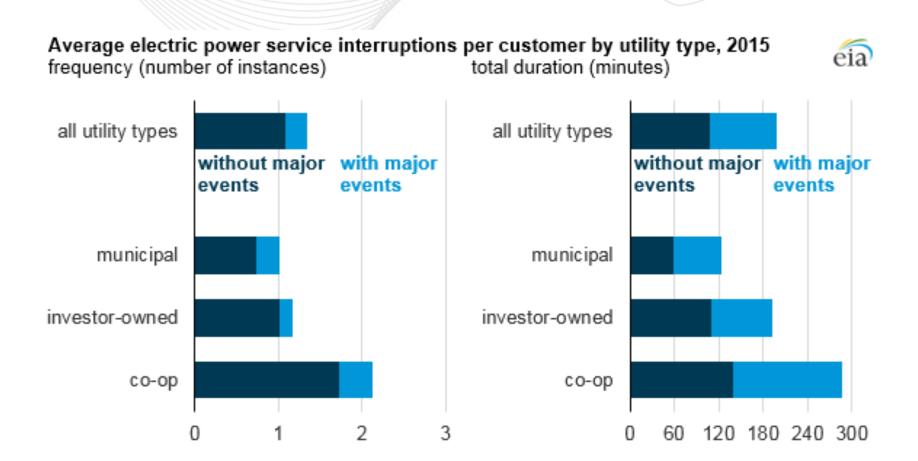


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Traditional Outages

- 95% of outages last less than 4 hours
- Most people only experience 1 or 2 per year







Unprecedented number of changes in the power industry



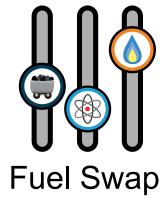
Storage technologies



Alternative technologies



Distributed energy resources







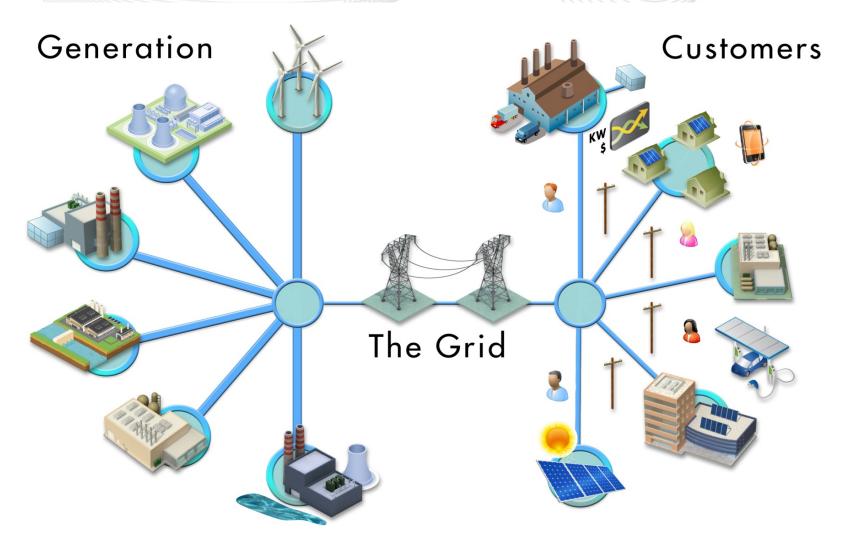
renewables

Changes in customer expectations



Who Else Is Connected?

- In Short: Everyone!
- All major infrastructure systems rely on electricity

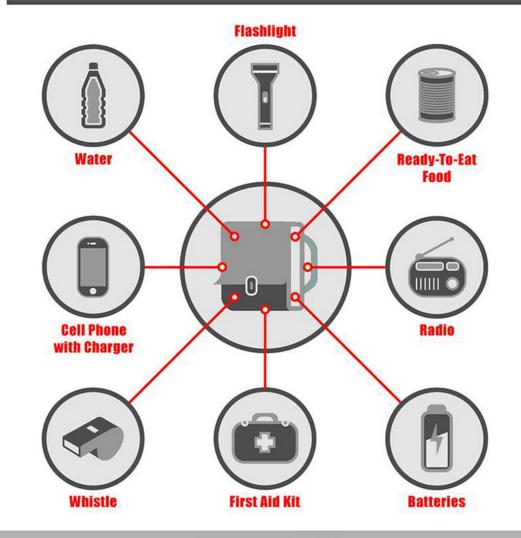


Source: EPRI



Build Your Own Disaster Kit

First Things First



#BELFORTips (•)



Things to Know

Water

- Single most important thing to have
- Nearly 8% of all electricity usage is for water
- Water systems are generally backed up, but...
- Big drop-off after 48-72 hours
- Can't "flip the switch" like electricity
- Don't forget about wastewater!
- The real driver behind evacuations

Food

- Food spoils quickly
- Refrigeration is very powerintensive
- Consider your food prep method (electric vs. gas)



Things to Know

Communications

- Cell towers back-up last for 8-10 hours on average
- The longer the outage, the bigger the problem
- You're "land-line" is not!
- Stick to texting and essentials for bandwidth

Heating/Cooling

- Know your system
- Your furnace may be gas but your thermostat isn't!
- Hydration is key either way



- Proper ventilation is essential
- Adequate fuel (with stabilizer)
- Proper "load matching"
- Only the most important things first



Questions?



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