Microgrids

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Secure Energy for Tomorrow

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Maximize Potential

• Stability, expertise and credibility since 1898
• Offices nationwide, headquartered in Kansas City, Mo.
• Sends workers home safely
• Every project has employee-owner commitment
• Diversified experience of 3,700 employee-owners
• Financial strength and agility
• Among top 5% of largest U.S.-based A/E/C firms
• A controls problem
• The solution to all grid issues
• Revenue generating
Microgrids Are

- Islanded from the utility
- All inclusive
- An alternative
Energy Security
• Increased reliability using the existing distribution network
• Reduced reliance on diesel
• Increased efficiency
• Cyber security
Typical Microgrid Power and Fuel Consumption

Fuel savings due to generator optimization

Fuel savings due to PV integration
Renewable Integration

- Interconnection standards
- Utility integration
- Power factor
- Stability loss
You can't build a reputation on what you're going to do.

Henry Ford
Conclusion

• Maximize generation
• Energy security
• Infrastructure solution