

SMART GRIDS

Customer-driven,
Next Generation
Energy Delivery

Modular. Dynamic. Smart.

USGRDCO

US Grid Company

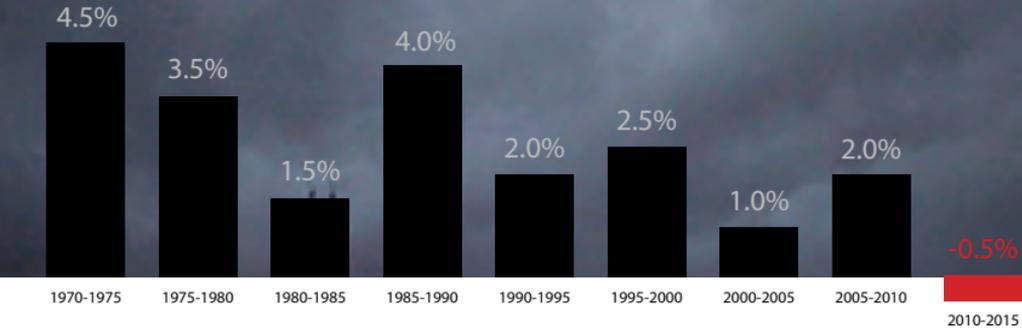


Our advanced energy platform is uniquely tailored to accelerate utilities' smooth transformation into next generation dynamic, ultimately self-healing, smart grids. Working with USGRDCO delivers fast track results through lower cost financing, predictable EPS growth, industry-leading technology partnerships and a transparent PMO.

The US power industry is experiencing its greatest challenges in decades.



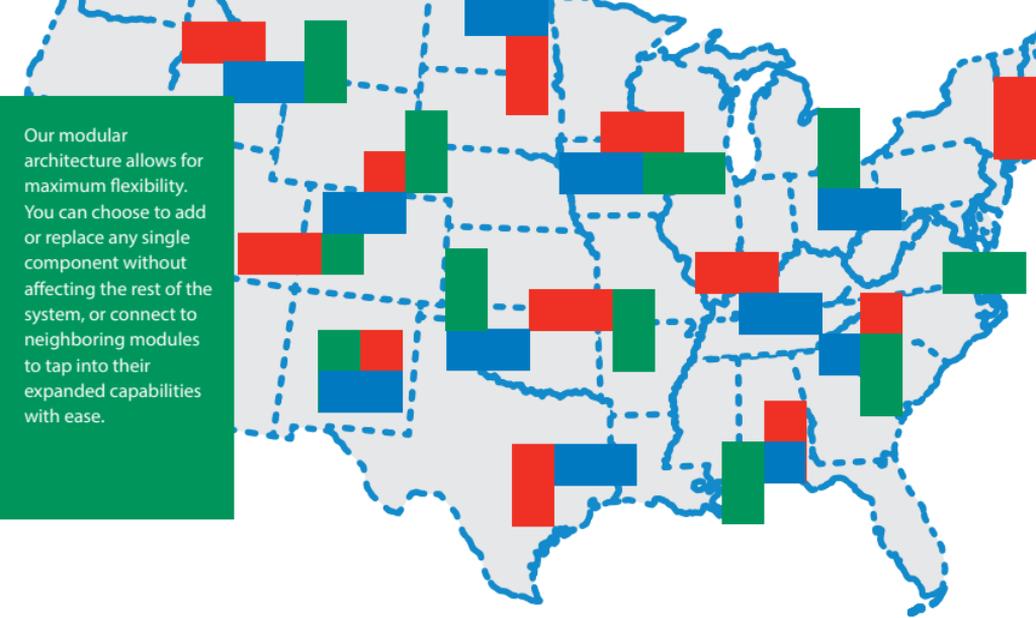
Five Year Power Growth Rates



Utilities across the US are facing increasing political pressure to upgrade distribution assets and transition to a SMART, more secure and reliable grid in the face of declining demand, increasingly damaging climate change and potential cyber attacks. Additionally, they face equal pressure to reduce carbon, integrate more renewable, often intermittent energy resources, against the backdrop of aging infrastructure and they are expected to achieve all this without causing rate shock for customers.

A new approach is needed.

One that is sensitive to the needs of both customer and utility, utilizing global brand leading products and expertise, financed with practical, lower cost capital.



Our modular architecture allows for maximum flexibility. You can choose to add or replace any single component without affecting the rest of the system, or connect to neighboring modules to tap into their expanded capabilities with ease.

USGRDCO's innovative business model for grid transformation is designed by a highly innovative, experienced and influential team of US energy experts; balanced with strong advocacy and public interest, and facilitated by lower cost capital to expedite change.

USGRDCO can provide the bridge — through its flexible modular platform and funding solutions — that solves the operational challenges confronting utilities and inhibiting growth.

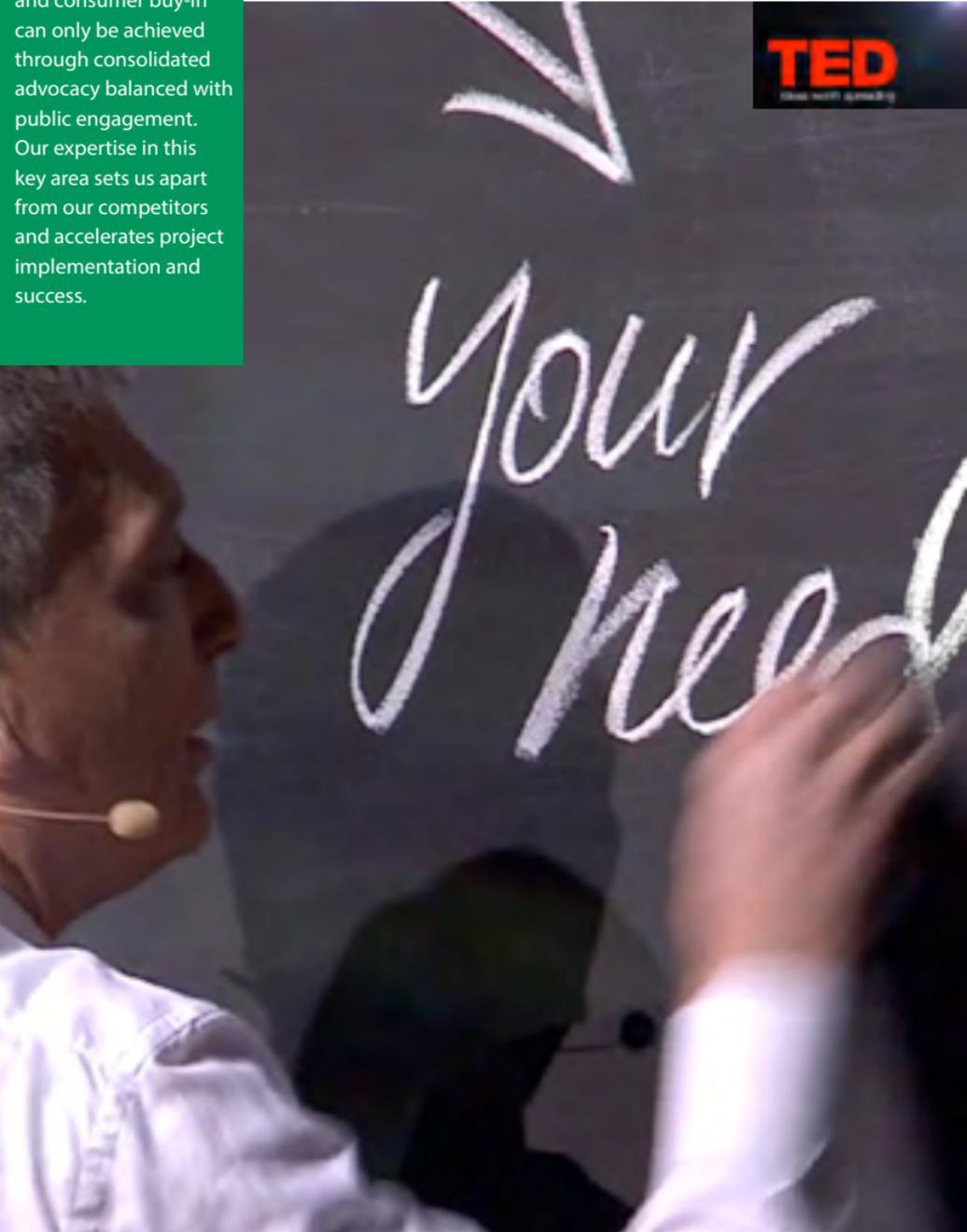
Insight : With such sophisticated intelligent communications networks, our grids are built with the most trusted and robust cybersecurity available: GRIDWARE. Software and hardware developed by former senior CIA staff, who have dedicated their lives to protecting our nation's most critical assets.

Our utility scale platform includes:

- **Lower cost finance** delivering predictable EPS growth and no “rate shock”
- **World-class technology partnerships** with global brands, ensuring best-in-class components certified for compatibility, reliability and longevity
- **Modular platforms** that are scalable, customizable and expandable
- **Cybersecurity** expertly designed by former CIA personnel exclusively for the energy sector
- **Seamless integration** built-in for adjoining micro and smart grid systems
- **Best-in-class project management** teams delivering maximum transparency, unrivalled energy sector innovation and deployment expertise

● **Political advocacy** spearheaded by respected thought leaders committed to transforming the US power delivery system into the “**utility of the future**”

Insight: Political and consumer buy-in can only be achieved through consolidated advocacy balanced with public engagement. Our expertise in this key area sets us apart from our competitors and accelerates project implementation and success.



outcomes

include:

- **Ability to mobilize quickly** and rapidly respond to regulatory directives with a solution that protects customers from rate shocks and delivers predictable EPS growth
- **Smooth transition** – one community/ substation at a time or several at once – our modular platform is flexible and customized to grow with you
- **Expedited benefits** of resource control, energy efficiency, demand management
- **Environmental stewardship** – reduced emissions and a smaller carbon footprint
- **Customer loyalty** strengthened and greater choice provided through a secure, reliable, resilient, environmentally-friendly energy infrastructure at an affordable cost

Future dynamics



The dynamic microgrid can accommodate differing sources of energy and supply, while balancing the supply-demand equation within itself, or as part of a larger grid. With self-healing capabilities our microgrid can couple to, or decouple from the main grid, reroute power through different feeders when faults occur and shed loads depending upon criticality; thereby automatically optimizing supply and demand resources.



Our approach delivers multiple competitive advantages. Designing and deploying modular and dynamic microgrids in series with smart grid projects – conserving momentum and independently building key elements of the ultimate self-healing grid – delivers the smartest and most beneficial outcome for all concerned.

next steps...



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