



Smart Grid Transformation Services

Presented by: BridgeSource Utility
Solutions



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Background

Digital Transformation and Grid Modernization is at the forefront of every major Utilities future planning as fundamental changes in the energy industry have prompted the need for utilities across the country to modernize their distribution grids. BridgeSource Utility Solutions recognizes these needs and drivers: The energy industry is a vital economic driver that serves as the foundation for United States ability to grow and thrive. Homes and businesses rely upon stable, reliable, and affordable energy systems. At the same time, there are numerous market and policy shifts that are transforming the industry in ways that cannot and should not be ignored. These include technological advances that are unlocking new opportunities in both the electricity and transportation sectors, customer preferences that are driving the expansion of new business models, a shift toward a reduction in carbon emissions and growing focus on the reliability and resiliency of our electric system.

BridgeSource Solutions recognizes the challenges in finding the right team of professionals to deliver successful, uninterrupted Grid Transformations. We are focused on understanding our Client's needs and the pain points associated with curating a strong team of expert resources you can lean on for guidance in quickly changing technological landscapes. Working with BridgeSource Solutions gives you the opportunity to benefit from more than 40 years of combined industry experience. Over the past 10 years, our team has supported 100+ projects in the US and Canada and have curated a global network with over 10,000 specialized professionals. We are extremely proud of the service we provide and invest heavily in our recruitment process to ensure you are dealing with only the most qualified experts in their fields. As our business has developed, so have our values - these are deeply embedded in everything we do and drive us towards our mission – to help Utilities implement, upgrade and deliver the latest technologies to their clients.



Focus on the Stakeholders

BridgeSource Utility Solutions provides the consulting resources for transformation and expertise to support these policy objectives of the Utility Stakeholder. Our consulting resources align with the four goals of a typical for grid transformation:

Optionality: Enable all customers with accessible, affordable electric service and engage customers with programs, education, and data access.

Sustainability: Evolve to a clean and decentralized grid that integrates distributed energy resources, such as solar and wind, and electric vehicles.

Resiliency: Build a more resilient energy grid that will reduce the effects of outages with automation and advanced asset management.

Affordability: Deliver value for customers by optimizing demand and seeking to reduce system and customer costs.



Industry Outlook

In the current day, focus has now shifted to distributed energy resources (“DERs”), such as solar and wind. DERs are resources connected to the distribution system, many of which are generation resources using renewable energy, such as solar photovoltaic (“PV”) and wind generation. According to the Energy Information Administration (“EIA”), the nationwide growth of clean DERs from 2009 through 2017 has been approximately 23%². BridgeSource Utility Solution is focused on supporting the transformational requirements of our Utility Clients – our goal is reliability in our consulting solutions.



Leading Technologies

- Industrial Inter of Things (IIoT)
- Grid Cybersecurity
- Kubernetes
- GE MDS
- Grid modernization technologies
- Grid Edge
- Distribution Automation
- Smart Cities, Communities and Homes
- Communication gateways / 2030.5 gateway
- Advanced Analytics
- Microgrid
- Asset management
- Work management
- Control Center Technologies

Service Offering -BridgeSource Utility Solutions

Grid Operations Systems:

- AMI/AMR
- ADMS/Scada/FLISR/DERMS/OMS/DAS/GIS/EMS
Historian

Telecommunications:

- Fiber/Leased lines/Copper Cables/Public Carrier
Solutions



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