As energy demands continue to be a critical driver to the preservation and growth of our nation’s business and communities, we stand ready to apply decades of experience in GIS and remote sensing to find more efficiencies and better responsiveness in our clients’ energy utility operations.

**Transmission Line Maintenance**
For complete oversight of field activities, our tools include scheduling/tracking of operations, project status reports/maps, and monitoring and response to emergency situations.

**Customer Service and Maintenance**
With support from mobile devices equipped with asset and customer locations, work orders can be directly deployed and resolved by field personnel for more instantaneous communication and operations.

**Emergency Management**
We develop situational platforms for our clients to manage emergency planning, response, and recovery efforts. Our mapping services can help deploy resources for repair after an event, better understand areas without service, and effectively communicate with field personnel and customers.

**Right-of-Way Management**
With 3-D LiDAR data, we help manage vegetation encroachment to comply with NERC FAC-003. By integrating additional mapping information, we can help manage easement agreements, acquire new property, and administer use of real assets.

**Route and Site Planning**
Using GIS, we bridge property, environmental, service area, and administrative data together to help determine the best routes for new transmission lines and sites for other utility infrastructure.

**Facility Management**
Through the power of GIS, we integrate space plans and assets into visualization tools for maintenance, space utilization, and emergency management.

**Come get to know us!**
We are a leading, market-facing firm with a proven history of providing professional services to a wide variety of public- and private-sector clients. Recognized for combining unsurpassed commitment to client service with deep subject matter expertise, we are dedicated to solving clients’ most complex challenges and transforming their communities. Established in 1956, Dewberry is headquartered in Fairfax, Virginia, with more than 40 locations and 2,000 professionals nationwide.
We connect our clients to better futures.

**System Integration**
We help integrate our clients’ enterprise systems to allow for sharing of geospatial information, while assisting with the implementation of new systems to bridge the gaps in utilities management. No matter the need, including addresses from customer relationship management software, work order locations for management and maintenance systems, or parcels from asset management systems, we provide a spatial context and mapping capability that can be shared across the organization.

**Asset Inventories**
Our field and office data collection efforts help build better asset inventories and the information needed to make the best decisions about these assets. Whether transitioning plan/profile drawings or CAD data to GIS, or collecting survey information for new projects, our geospatial experts can design and assemble highly accurate databases aligned with business needs.

**Remote Sensing Services**
We provide aerial Light Detection and Ranging (LiDAR) technology to prevent vegetation-induced electrical outages as part of NERC FAC-003 compliance. LiDAR technology adds value to TVMP-compliance efforts by reducing costs while ensuring comprehensive survey coverage of transmission right-of-way with the production of actionable, auditable deliverables. This approach ensures all hazardous vegetation is removed and avoids environmental impacts of overcutting.

**Cloud/Mobile Solutions**
With the move away from traditional desktop solutions, we build mobile and cloud solutions that increase the flexibility of operations and help save money on IT infrastructure. As an official reseller of Amazon Web Services and SkyGone cloud solutions, we help navigate the transition to the cloud to realize the most benefits from these offerings.

**Operations Transformation**
We help harmonize the operations of our clients’ enterprise and partners with the technology needed to support utility management. We look at the personnel, processes, and tools used to accomplish our clients’ mission and offer ways to transform the way business is done to better leverage geospatial technology.

**Program Management**
We apply the management techniques used on many of our clients’ large programs to deliver creditable and auditable budget justifications, integrated decision-making, total life cycle management, flexible investment strategies, and operational continuity.