

Cybersecurity and Operational Technology

Radian Generation recognizes that IT/OT and cybersecurity concerns are top-of-mind for stakeholders across the renewable energy industry. The company's deep renewable energy industry experience includes network, systems, cybersecurity, managed services, design, engineering, and more. Radian Generation enables integral operations with tailored service offerings that keep plants running securely and efficiently.



Upleveling Cybersecurity and Operational Technology (OT) Services

Today's renewable energy plants demand deeply technical IT/OT, cybersecurity, and engineering solutions that are specific to the renewable energy industry. All facilities require high levels of interconnection for their many stakeholders, even when those facilities are in remote and environmentally challenging locations. Ultimately, Radian Generation views assets from the owner's perspective, knowing which tools and information are necessary for effective stewardship. By implementing systems and platforms that ensure secure connections, Radian delivers the right information to the right stakeholders at the right time.

Radian Generation solutions combine technology, cybersecurity, advocacy, and leadership. Projects range from large to small, covering wind, solar, storage, and infrastructure. Clients have access to a versatile and flexible range of design, implementation, management, and advocacy services to suit a wide range of requirements across the full asset lifecycle.

Radian Generation By The Numbers

28+ GW

Operational Technology (OT) / Cyber Security Services

Who Benefits?

- Asset Operators
- Asset Owners
- Developers
- Independent Power Producers

IT/OT, Cybersecurity, Engineering, and MSS Services



Cybersecurity Risk Health Inspection & Hardening

- » Non-intrusive inspection of cybersecurity health, including evaluation of the network, systems, personnel, communications, and inventory. Includes assessment and optimization of strategic IT/OT network hardware architectures and software systems, identification and classification of risk, and remediations.



Managed Security Services (MSS)

- » A suite of recurring services engineered to optimize and maintain renewable energy asset cybersecurity and network/system administration. The extensive program includes remote access management, cyber health, vulnerability management, lifecycle tracking, patch, and change management, and includes features to meet NERC CIP requirements (as required).



Network Design and Commissioning Review

- » Review and evaluate the network and OT infrastructure with a focus on continuity of operations, redundancy, and long-term stability. Advocate for the owner's interests throughout the design and implementation of the project.



NERC CIP

- » Full-service program design, implementation, management, and audit to meet NERC CIP and related regulatory standards. Delivered by an extensive team of OT and regulatory compliance professionals, Radian Generation's CIP program exceeds the minimum cyber controls and protections required for power suppliers and generators and offers configurability to meet complex and scaling requirements.



Inventory & Lifecycle Tracking

- » Identify and inventory all OT assets to maintain sufficient on-site parts, ensuring the continuity of systems and the stability of operations. Inventory management enables owners to define minimum levels of inventory to overcome common points of failure for critical items and promotes environmentally friendly end-of-life administration.



Subject Matter Experts / Engineering Services

- » Radian Generation's deep bench of IT/OT/SCADA experts provides engineering services and subject matter expertise to renewable energy facilities of all sizes worldwide. With specialties spanning networks, systems, SCADA, cybersecurity, automation, and communications, the Radian Generation team addresses problems and handles upgrades, replacements, or retrofits either on-site or via remote IT and network support.

About Radian Generation

Radian Generation was founded in 2013 on the core principle of driving sustainable growth in the renewable energy industry. Our team is dedicated to empowering energy transformation and making a positive impact on the environment. Leveraging a powerful combination of industry experts and a state-of-the-art digital platform, we offer unparalleled and comprehensive solutions. Our organization stands alongside our clients to provide software and services that maximize efficiency, mitigate risks, and boost profitability.

We offer **The Power of Partnership™**

