



Appian for Energy

Digital innovation to transform operations and deliver value.

Leading energy organizations trust Appian's low-code platform to streamline, automate, and engage across the value chain.

Break down legacy barriers

Modernizing technology to meet the demands of the digital future is a complex challenge for energy organizations. Aging systems, siloed data, and point solutions have long been hindering productivity, visibility, and decisioning. As the regulatory environment changes, having the flexibility to adhere to project specific requirements and insight to prevent incidents is critical.

Break down silos with a low-code platform that leverages systems and assets in place, while modernizing processes and applications, allowing for increased efficiency, agility, and innovation to drive revenue.

The value digital tech provides to the energy industry across seven sectors analyzed will rise from \$17 billion in 2017 to \$38 billion in 2025. – BLOOMBERG NEW ENERGY FINANCE

The Appian difference for energy

- **Increase visibility with integrated data and systems.** Achieve a single view of assets, projects, customers, and employee actions to improve project auditability, asset utilization, and decisioning.
- **Streamline business processes.** Optimize and automate outdated processes across the business to cut costs and increase productivity.
- **Speed time to business impact.** Unlock the potential of your current systems, while empowering employees to work smarter, to realize quick business wins.
- **Improve compliance and risk management.** Gain control through increased project tracking and power adherence to standards and requirements.

Operational excellence

Outdated manual, paper-based workflows and cumbersome processes slow down efforts to streamline operations. Leveraging a platform that automates work and modernizes applications allows organizations to connect data, processes, and people to achieve operational excellence.

With intelligent automation, employees and field engineers are empowered to share knowledge, work smarter, and be more productive. Management gain visibility across projects, assets, and business lines to optimize safety, compliance, and performance. In turn, this leads to shorter process times, lower maintenance costs, faster time to production—and increased business value.

Energy organizations are reinventing their back-office processes through intelligent automation for better decision making, project visibility, and agility.

Digital transformation across the value chain

Forward thinking energy companies are embracing digital capabilities to drive innovation, bridge the gap to legacy IT, and build modern applications to meet tomorrow's challenges.

Leveraging a digital technology platform to bring together information, employees, and stakeholders, organizations can deliver more impact across the value chain. Digitization enables proactive field service, more efficient collaboration with external parties, increased control of projects, and safer operations—for maximum cost savings and revenue generation.

Adopting digital ways of working, energy organizations can optimize productivity and incorporate advanced technologies—such as robotic process automation (RPA), artificial intelligence (AI), machine learning, and blockchain—to ensure future success.

Explore the Appian suite of applications across oil & gas and utilities:

Revenue Generation

- Customer Financing Programs
- Economic Development
- Electric Vehicle Management
- Energy Trading & Procurement
- Market Planning and Execution
- Product Lifecycle Management
- Rate Case Management
- Request to Drill

Customer Service

- Contact Center Automation
- Customer Billing and Provisioning
- New Service Connections
- Outage Management

Operational Effectiveness

- Asset Management
- Field Service Enablement
- Fleet Management
- Gas Network Management
- Inspection Management
- Inventory Management
- Land Management and Well Development
- Maintenance Management
- Permit Management
- Project Management
- Turnaround Planning and Execution
- Vendor and Contractor Management





Corporate Services

- Authorization for Expenditure (AFE)
- Capital Projects Management
- Employee and Contractor On-Boarding
- External Affairs
- HR Service Center
- IT Asset Lifecycle Management
- Merger & Acquisitions
- Meter-to-cash
- Procurement & Contract Management
- Revenue Recognition & Billing Management
- Supply Chain Management

Safety, Risk, and Compliance

- Compliance and Risk Management
- Consumer Privacy Management
- Contractor Evaluation
- Emergency Management
- Incident Management
- NERC CIP Compliance
- Regulatory Request Management
- Safety Monitoring
- Site Security Management
- Stakeholder Engagement

With Appian, customers can:

-  Increase Operational Efficiency
-  Maximize Cost Savings
-  Master Governance and Compliance
-  Drive Revenue Growth

Representative Appian energy customers:



Discover how a Global Energy Producer realized **\$22 million of netback new revenue** and EDPR rapidly delivered more than **50 applications** across the business.



Appian provides a low-code automation platform that accelerates the creation of high-impact business applications. Many of the world's largest organizations use Appian solutions to improve customer experience, achieve operational excellence, and simplify global risk management and compliance. For more information, visit appian.com/energy