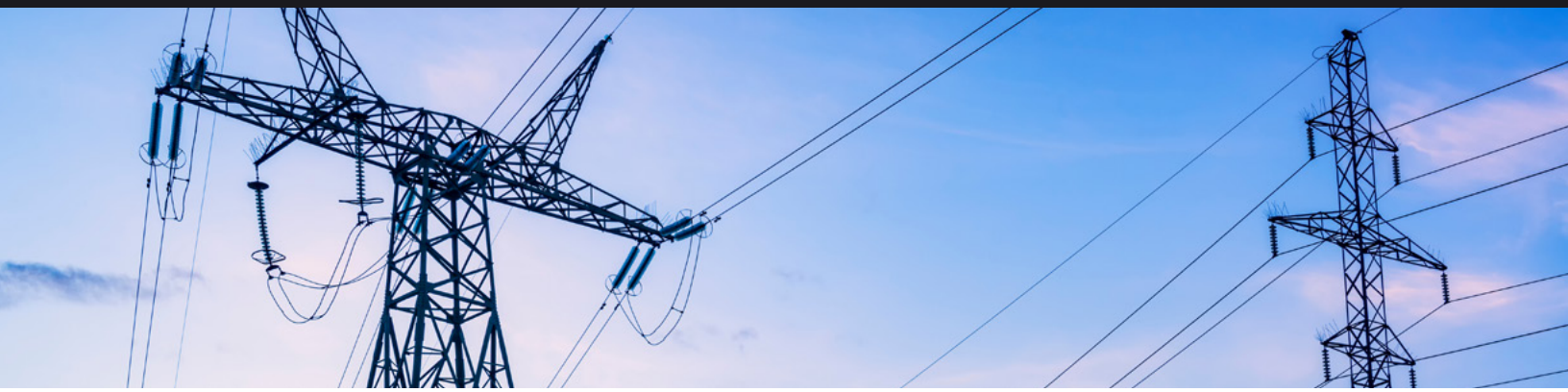
8 keys to unlocking the energy transition

The real challenge isn't infrastructure—it's data.



1 Connect the lifecycle

Challenge: Design, construction and operations work in silos.

Need: Seamless information flow from project planning to long-term operations.

2 Create a single source of truth

Challenge: Multiple systems, multiple versions of data.

Need: Trusted, consistent and accessible information across all stakeholders.

3 Remove approval bottlenecks

Challenge: Grid connections and regulatory approvals slow delivery.

Need: Faster, more coordinated approval processes.

4 Modernize legacy systems

Challenge: New technologies must work with aging infrastructure.

Need: A practical path to digital transformation.

5 Build trustworthy AI

Challenge: Poor-quality data limits AI effectiveness.

Need: Strong data foundations, governance and security.

6 Simplify contract management

Challenge: Thousands of contract documents create risk and inefficiency.

Need: Automation and AI-driven contract intelligence.

7 Connect digital twins

Challenge: Design, construction and operations data remain disconnected.

Need: Integrated digital twins across the entire asset lifecycle.

8 Shift from documents to decisions

Challenge: Critical information is trapped in PDFs, spreadsheets and reports.

Need: Real-time, decision-ready insights powered by structured data.

Key takeaway

The future of energy infrastructure depends on three connected elements:

Data → Decisions → Delivery

Organizations that connect all three will lead the energy transition.

Learn more