Overview
The power industry is undergoing an evolution. Regardless of the energy source—renewables, natural gas, electric, water, coal-fired steam, or nuclear, leading power companies are leveraging the Industrial Internet to deliver reliable power output safely, improve productivity, support more secure operations, and drive successful business outcomes.

The PwC and GE Digital Alliance
The PwC and GE Digital Alliance combines the unique capabilities of two global leaders to help power companies transform into digital enterprises and deliver better business outcomes. The Alliance helps power companies navigate a complex market while delivering end-to-end Industrial Internet solutions and business transformation services.

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<th>PwC</th>
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| • Global professional services firm / strategy through execution  
• 2000+ digital and Industrial Internet professionals worldwide  
• 4,000+ power professionals worldwide with clients in the electric, natural gas, green, and water energy sectors  
• Industry depth and breadth  
• Systems integration / software development | • A global digital industrial leader  
• Predix platform purpose built for the Industrial Internet  
• Physics-based analytics capabilities  
• Full suite of applications  
• Platform development, maintenance, testing, and training  
• Wurldtech cyber security |

Digital transformation for today’s power industry leaders

Predix-powered solutions for power companies
The Alliance develops and delivers solutions based on GE Digital’s Predix operating system—designed from the ground up with the connectivity, big data, security, and requirements of the Industrial Internet in mind. Predix helps improve asset reliability, lower operating costs, reduce risk, and drive profitable growth. In addition to leveraging a full suite of Predix-based applications, PwC and GE Digital build customized applications based on each company’s unique needs.
The Alliance helps power companies across three critical dimensions:

Visibility

Gain a 360 degree view:
- Provide a real-time view of the entire generation fleet
- Enable situational awareness; i.e. generation fleet, alarms, conditions
- Provide an integrated, real-time view of market pricing signals and revenue opportunities
- Align commercial operations (i.e. trading and risk management) and plant operations

Predictability

Anticipate outages and maintenance needs:
- Predict outages and increase the window to purchase replacement energy to reduce costs
- Predict maintenance and resource needs
- Align outages with market conditions

Performance

Improve performance through analytics:
- Improve operational response across generation assets
- Enhance thermal efficiencies across plants
- Reduce costs and fuel burn to improve revenue
- Improve fuel management

PwC applies deep business, industry, and technology experience to help clients architect and operationalize the right digital strategy to improve productivity, drive revenue growth, and create new disruptive business models. PwC engages with clients at the strategic or operational level, depending upon where they are on their digital journeys. PwC helps bring the digital strategy to life—wrapping business transformation services around GE Digital offerings, including its Predix platform. The Alliance deploys advanced technologies with the deep experience and business integration skills needed to bridge the gap between generation fleets and commercial operations.

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