

# Evolving the worldwide electrical grid

Reconfiguring the old business model to support the new

Utilities are redefining how we generate, distribute, and consume energy. Learn the technologies and business practices that will get you there.



## Goal #01

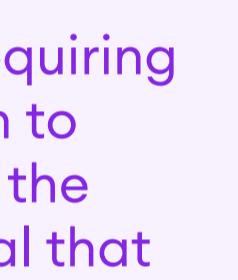
### Re-balance supply and demand

Rather than viewing load as an immutable target, the future is one where load and supply are both variables. Instead of scrambling to satisfy demand, it's time to implement new strategies to influence how and when energy is consumed.

#### What's working in technology and business practices



Cloud-based, AI-powered solutions



Automated customer communication technology



Flexible energy/demand response programs



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## Goal #02

### Strategic asset investments

The worldwide grid is showing its age, requiring constant care, vigilance, and innovation to maintain minimal standards. Rebuilding the grid is the only option. But it's a lofty goal that requires investment to replace critical assets and infrastructure – while literally keeping the lights on.

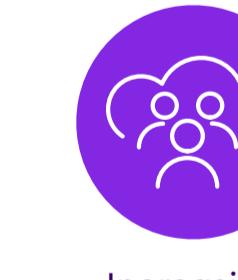
#### What's working in technology and business practices



Monitoring asset performance in real time



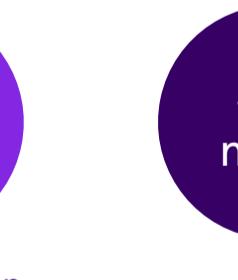
Data-based asset insights for investment planning



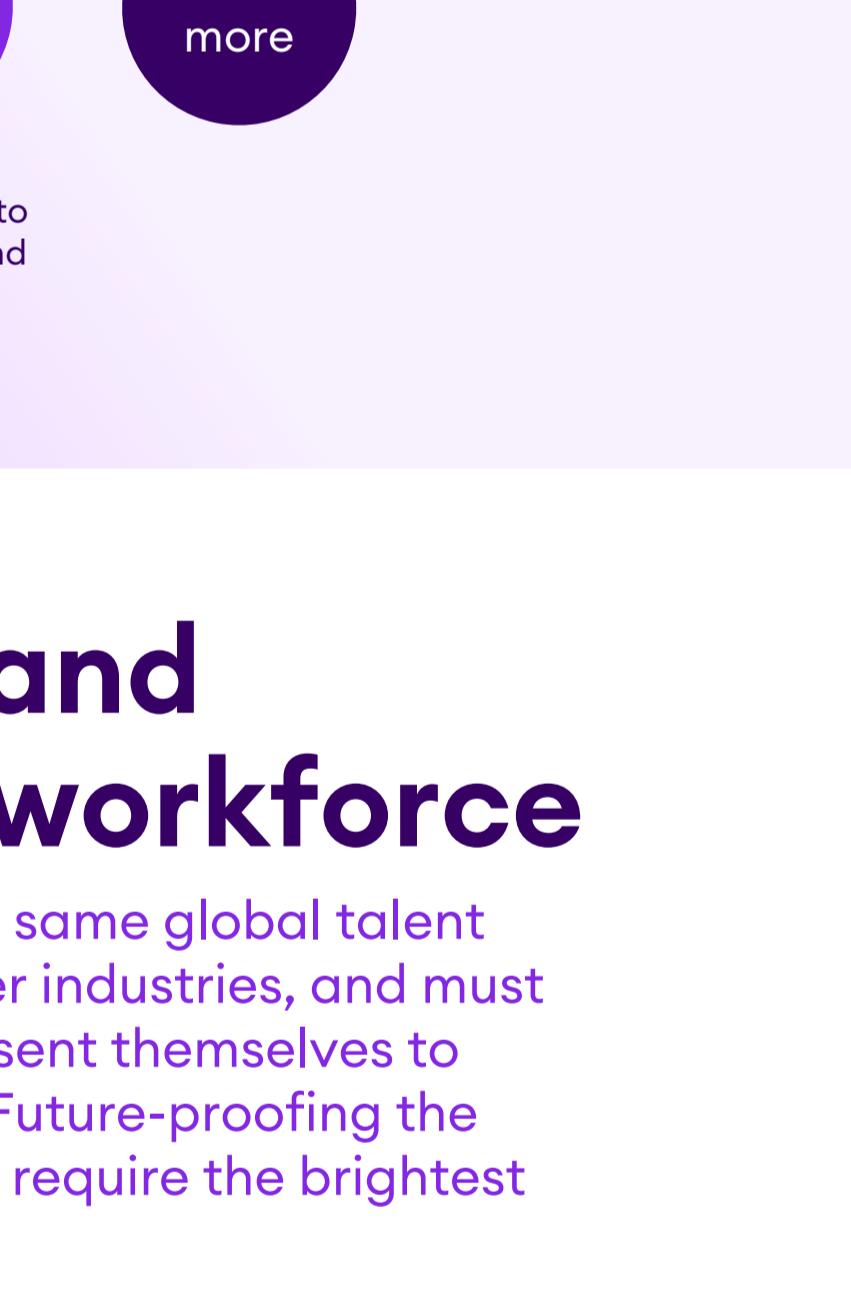
Capital investment plans that align with asset maintenance



Industry collaboration to share goals and restraints



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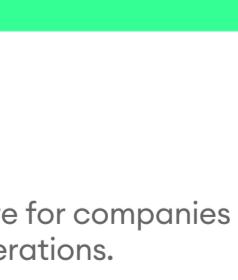


## Goal #03

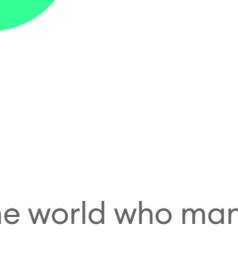
### A strong and dynamic workforce

Utilities are facing the same global talent shortage as most other industries, and must reinvent how they present themselves to potential employees. Future-proofing the global energy grid will require the brightest and bravest minds.

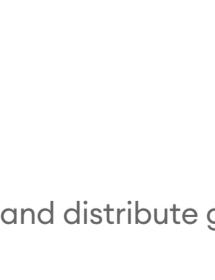
#### What's working in technology and business practices



Increasing productivity through scheduling optimization



Collaboration with educational institutions



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## What's next?

Utilities need to configure the old model to support the new: renewable energy generated by industry and consumers, collected, and delivered via a decentralized grid.

As the work is underway to the new model, IFS is here to support the industry – improving the reliability and operational efficiency of existing infrastructure and assets while forging a unified and productive operation.

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Within our single platform, our industry-specific products are innately connected to a single data model and use embedded digital innovation so that our customers can be their best when it really matters to their customers – at the Moment of Service™.

The industry expertise of our people and of our growing ecosystem, together with a commitment to deliver value at every single step, has made IFS a recognized leader and the most recommended supplier in our sector.

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