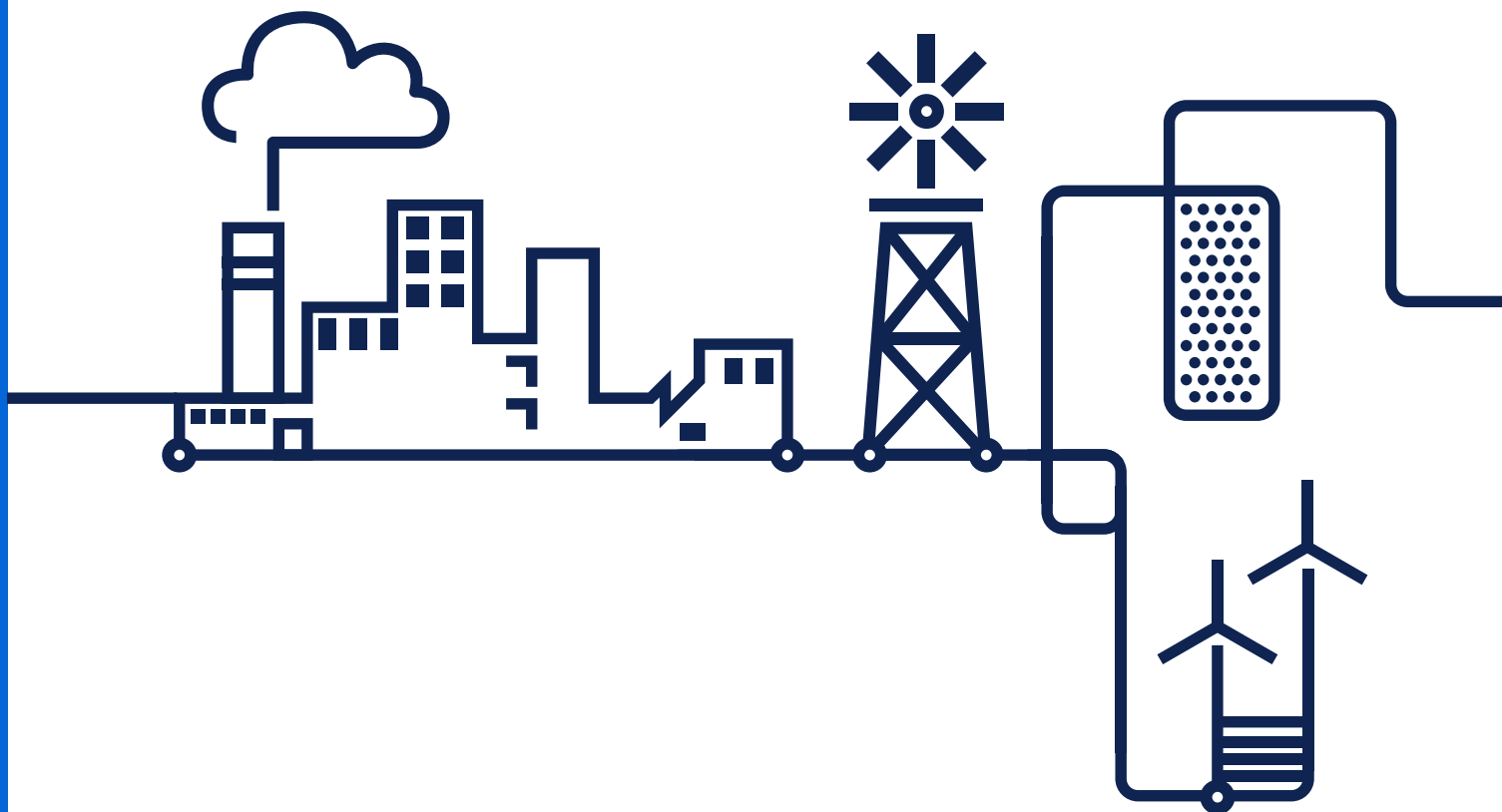




GridBeyond®



Intelligent Energy Services with a difference



S&P GLOBAL PLATTS
GLOBAL ENERGY AWARDS
2019 WINNER

GridBeyond is the proud winner of:

S&P Platts Global Energy Award 2019
in the Grid Edge Category



The energy system is changing and organizations can't afford to get left behind

Renewable Integration

As intermittent renewable energy sources are added to the energy system, combined with the increasing electrification of our lifestyles, electricity demand can significantly vary. This can impact grid stability if not managed properly.

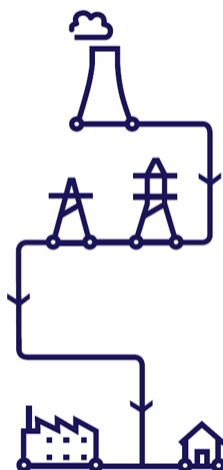
Balance the Electricity Grid

GridBeyond works with large energy consumers to find energy flexibility. This way, when demand fluctuates, organizations can turn down their demand or increase generation for a balanced grid and enhanced benefits for organisations.

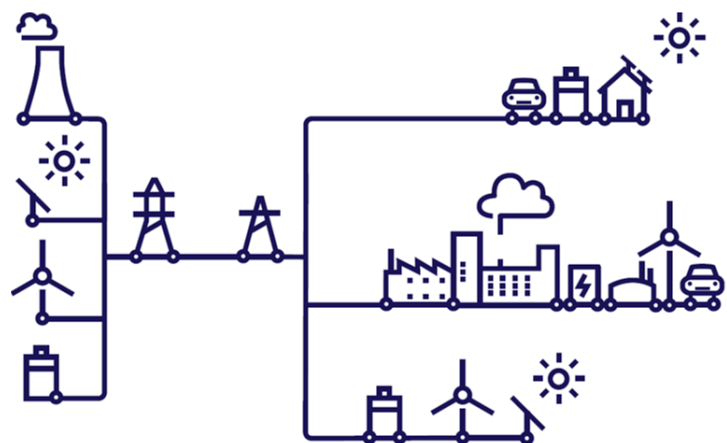
Counter Rising Energy Costs

With rising energy costs, organizations need to find new and innovative ways to counter the impact. Participation in enhanced energy programs means your business can offset rising energy costs, whilst advancing sustainability initiatives.

Old System



New System





Transform Energy into Opportunity

GridBeyond's Point platform connects assets, production related energy usage, distributed generation, batteries, invertors, generators and EV charging to enhanced energy programmes for the best possible returns.

Connect & Optimize

Production Load



Distributed Energy



Batteries & Invertors



Generators



EV Charging



Integrated Suite of Intelligent Energy Services

• Balancing

GridBeyond automates and optimizes participation in grid balancing and capacity markets to boost your bottom line with new revenues. By using GridBeyond's Point platform, your organization will always participate in the program with the best returns for your business.

• Price Optimization

Using GridBeyond's platform, I&C can access the trading markets for optimized pricing. GridBeyond provides the technology for ancillary services, trading and peak avoidance.

• Monitoring & Analytics

Take your reporting to the next level with state-of-the-art monitoring and analytics, available via the client-facing portal and our 'Virtual Energy Manager' service.

• Asset Optimization

GridBeyond's platform identifies benchmarks for efficiencies, predictive and preventative maintenance, retro-commissioning projects and investment appraisals.



Why GridBeyond?

**Powerful, intelligent energy solutions & services.
Delivering simple, risk-free revenue, savings & sustainability.**

GridBeyond empowers organizations to boost their bottom line, optimize operations and step-up sustainability by managing energy demand within a single, intelligent energy platform.

GridBeyond's revolutionary technology works with electricity grids and energy intensive consumers in the I&C sector to combine demand response, ancillary services, peak management, load management, efficiency and energy analytics. The solution is designed to enable grids to balance when needed, whilst providing enhanced benefits to I&C organizations.

GridBeyond's engineering experience and technology development credentials set us apart from the rest. Recognized on both national and global platforms by some of the industry's heavyweights, GridBeyond delivers time and again.

Global Award-Winning Innovation



**S&P GLOBAL PLATTS
GLOBAL ENERGY AWARDS
2019 WINNER**

"The independent panel of judges was impressed with GridBeyond for its stand out performance in this awards category and for its commitment to the energy industry's advancement."

Martin Fraenkel, President of S&P Global Platts



Our Technology

Point platform is the award winning energy intelligence technology from GridBeyond.



ViewPoint

ViewPoint is your window into your sites' energy activity. ViewPoint delivers dashboards to display your programs, revenues, savings and operational performance. The benchmarking graphs and data provide in-depth analytics.



CentrePoint

CentrePoint is the cloud-based platform that sits at the heart of our technology. Powered by AI and machine-learning to support forecasting and pattern recognition, CentrePoint collates data from a number of sources to automatically place flexibility in the programmes likely to generate the best returns.



TouchPoint

The TouchPoint panel sits on your site, and is either physically or wirelessly connected to your assets. From TouchPoint, assets can be monitored and controlled as data is passed between assets and the cloud-based platform.



Our Experience.

Your Peace of Mind.

Industries we work with:

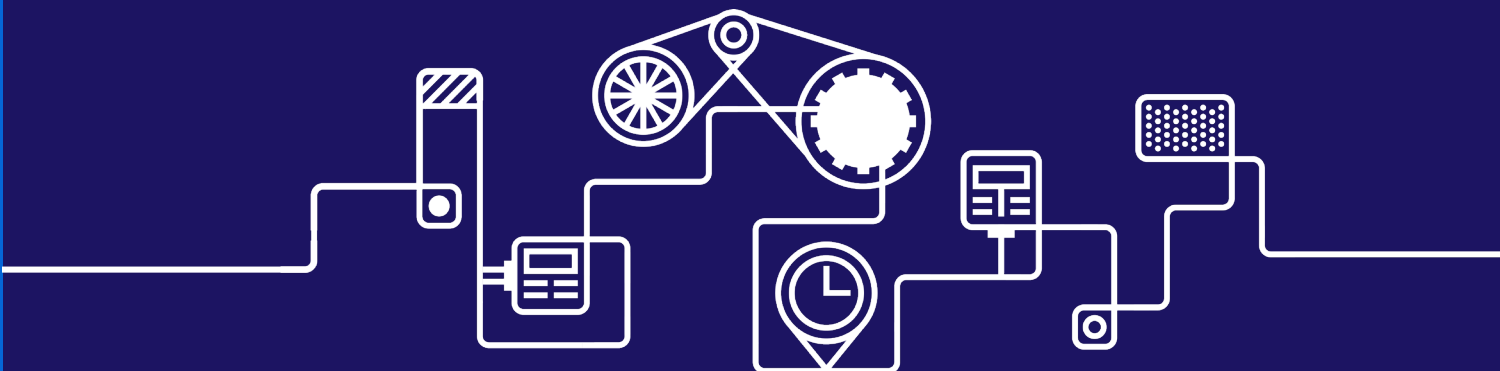
- Aggregates
- Glass
- Airports
- Hotels
- Animal feed mill
- Logistics
- Chemicals
- Data center
- Metals
- Flour mill
- Pharmaceuticals
- Wood and paper mill
- Food
- Retail
- Healthcare

Stay in Control

Your peace of mind is our highest priority. Energy automation exists to make your life easier, not harder, so whilst energy flexibility is automated, your site and asset parameters will always be respected. In fact, our technology makes it impossible to breach these parameters. For participation in some programs, you even have the ability to override the automation.

Your Industry

GridBeyond understands that every organization has its own array of assets and requirements. Our technical knowledge of the unique characteristics of a wide range of industry sectors and assets means we can unlock more energy flexibility for maximum returns.



Don't just take our word for it...



ArdaghGroup

Ardagh Glass is the leading global supplier of value-added, infinitely recyclable packaging solutions for the world's leading brands.

Ardagh started working with GridBeyond in August 2016. With some experience in dealing with demand side response aggregators, Ardagh were looking to switch to a more technology driven product that could deliver the best returns through energy savings and placement in the relevant energy markets, whilst enhancing the overall energy strategy and boosting sustainability.

GridBeyond conducted audits across several sites to identify the flexible and inflexible assets, which were then presented to Ardagh before deciding which ones would participate in demand response and enhanced energy services. **By selecting GridBeyond, Ardagh were able to seamlessly stack energy services for optimum returns.**

Project Facts:

- Balancing services
- Peak avoidance
- 2MW Battery
- Asset Optimization
- 4 sites connected
- Flexibility improved by 65%



Bishwa Giri
Energy Manager
Ardagh Group



"GridBeyond's technical expertise and drive to innovate are the reasons we chose to start working with them on initial demand side response projects.

Their ability to drive energy technology forward, met with Ardagh's objective to use technology to pave the way in manufacturing sustainability, meant the partnership made perfect sense. They understood our assets and had full respect for the parameters. Our operational integrity has been at the core of every element, so we are delighted to achieve such positive results with no impact on our equipment or processes."



How to participate in intelligent energy services

5 simple steps to participation:



1. Identify Assets - Our engineers identify your assets and calculate the potential markets, revenues and savings.



2. Define Responses - We'll work with you and any third party equipment manufacturers to establish the parameters for response, defining constraints and operational priorities.



3. Installation - With no capital outlay for the customer, we install and configure our high end technology platform to connect suitable energy intensive assets.



4. Connected Response - Once connected, customers are ready to respond in real-time when required, without risk or impact to their productivity. Now your site is being monitored, we can also start to look at operational efficiency and optimisation programmes.



5. Delivering benefits - Our customers start receiving revenues, generating savings and optimising energy use within one month.



GridBeyond®

www.gridbeyond.com | +1 (346) 352 2138