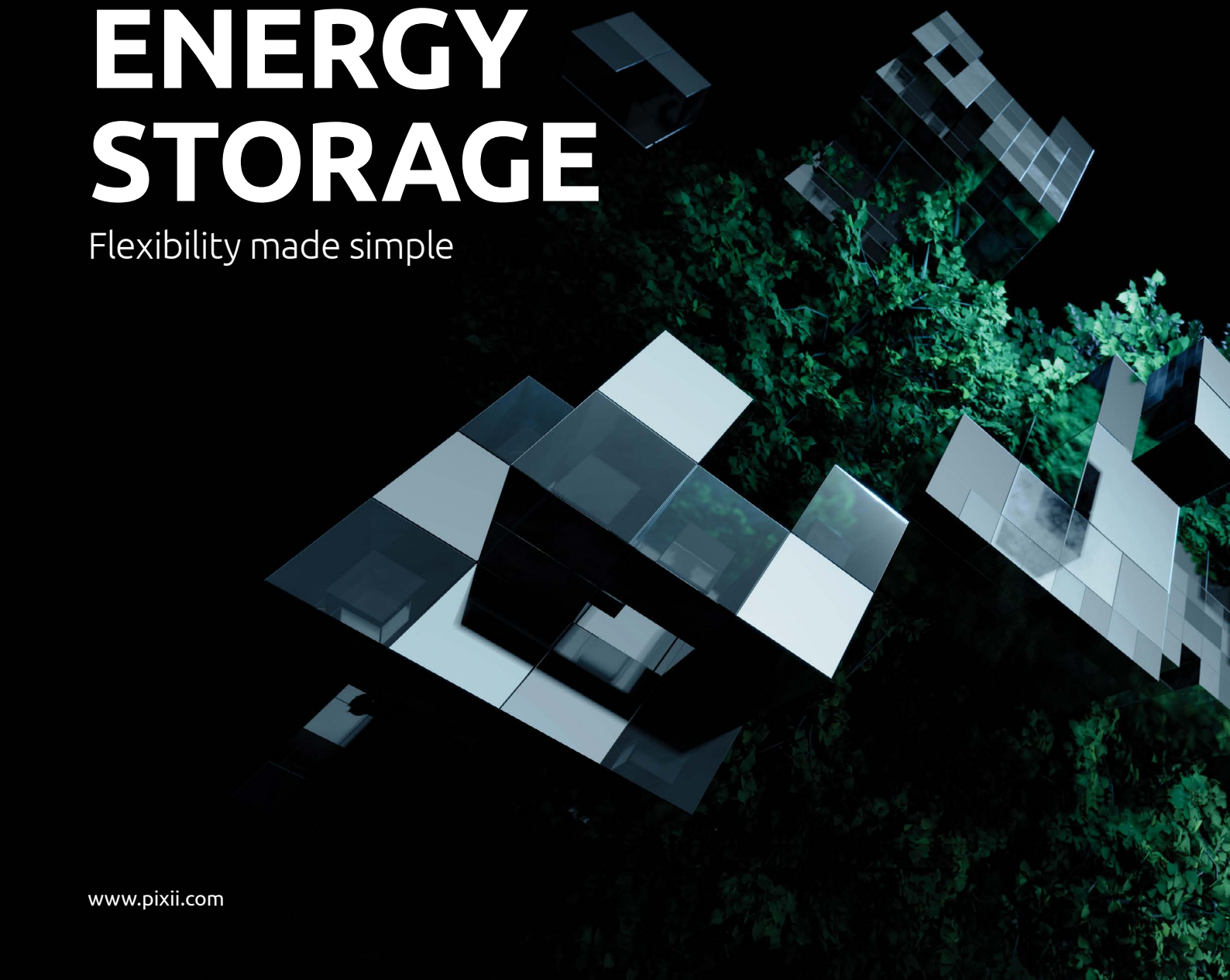
MODULAR ENERGY STORAGE

Flexibility made simple



www.pixii.com

MODULAR ENERGY STORAGE

We accelerate the shift toward green energy. With our modular approach, smart functionality, and unmatched scalability, our flexible energy storage solution adapts and expands to your evolving energy needs, making it the smart investment for a sustainable future.





INNOVATION ENABLING CHANGE

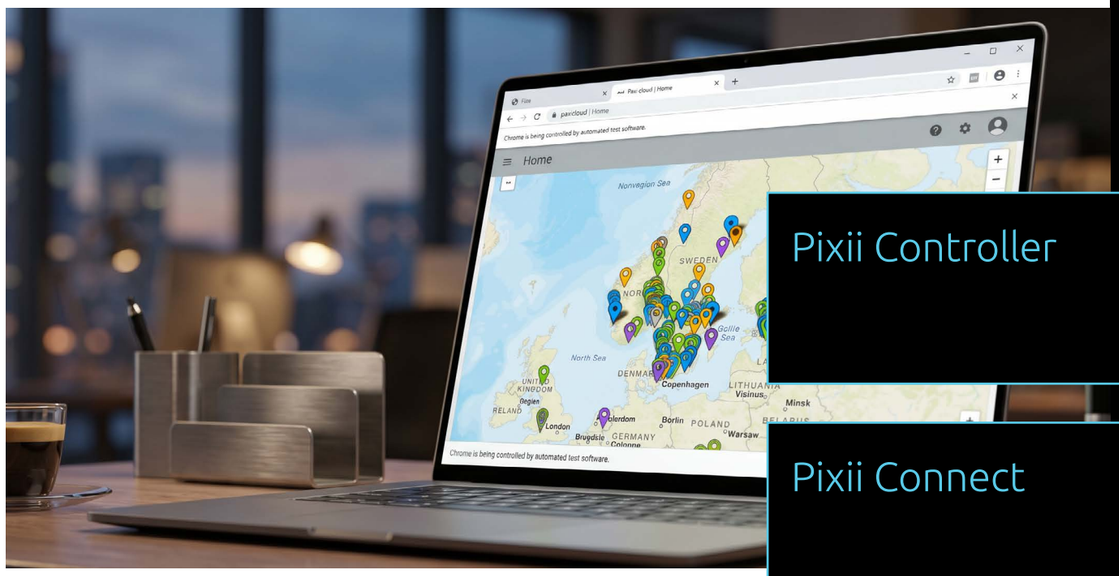
The electrification of society is accelerating, placing growing pressure on power grids that were never designed for today's level of demand. Aging infrastructure is struggling to provide reliable electricity while also supporting the integration of new energy sources.

Our technology helps address this challenge by enabling more flexible energy storage and efficient energy management. This supports better balance between supply and demand, reduces pressure on the grid, and creates available capacity where it is needed most.

Energy storage is not only about sustainability. It is also about overcoming the limitations that slow down electrification. Together with our partners and customers, we are helping build a stronger, more reliable energy system for the future.

PLATFORM & SOFTWARE

FULL CONTROL FROM DAY ONE



Energy infrastructure is only as strong as the layer that controls, protects, and optimizes it. For Pixii, that layer is software - and it is where our expertise, our security architecture, and our commitment to long-term customer value are concentrated.

Full visibility, operational control, and documented performance.

Engineered in Europe

Built to European security standards. Trusted in demanding energy applications worldwide.

Pixii combines proven modular hardware with a software platform that makes every installation secure, connected, and continuously evolving - from day one to end of life.

Hardware you can trust

Modular, field-proven battery systems designed for reliability across the most demanding applications: grid infrastructure, critical backup, EV charging, and beyond.

Security at the core

The Pixii platform sits above every installation, connecting it to the cloud, keeping it secure, connected and continuously optimized throughout its service life.

Cybersecurity is built into the platform architecture, and enforced consistently across every device.

Remotely updated without site visits, and designed to meet EU Cyber Resilience Act and RED Directive requirements.

PIXII ECOSYSTEM

From on-site control to cloud intelligence, every Pixii installation is managed through a single, connected software stack.

PIXII ECOSYSTEM

Pixii Controller

On-site controller/gateway and communication hub. Manages all system components locally and enforces the first layer of access control and security policy.

ON-SITE CONTROL

Pixii Connect

Secure cloud connectivity layer. Handles device authentication, encrypted data aggregation, and reliable communication between field controllers and the cloud - the foundation of cybersecurity compliance.

SECURE CONNECTIVITY

Pixii Energy Architect (EMS)

Energy management and optimization layer. Monitors and controls systems across sites while supporting value stacking, operational optimization, and evolving customer requirements.

INTELLIGENCE & OPTIMISATION

Pixii Control Center (PCC)

Fleet operations platform. Proactive alerting, remote diagnostics, event handling, analytics and AI-assisted diagnostics and support - keeping your systems performing and your team informed.

OPERATIONS & SERVICES

PCC Customer Dashboard

Customer and partner interface for system visibility, monitoring, and configuration. Designed for simple onboarding and immediate insight from the first day of operation.

USER INTERFACE

OPERATIONAL VALUE

Lower operational costs: Proactive monitoring and remote diagnostics reduce unplanned downtime and site visits.

Security that evolves: Security policies updated remotely as threats and regulations change.

MEETING MARKET NEEDS

Designed for operators where reliability is non-negotiable:

- Distribution System Operators
- Defense and Critical Infrastructure
- Telecom and TowerCos
- EV Charging Operators
- Commercial and Industrial
- Utilities and Energy Retailers
- Partners and OEMs

POWERSHAPER - 48V BESS

FLEXIBLE ENERGY STORAGE FOR COMMERCIAL APPLICATIONS

PowerShaper – our modular BESS for energy optimization and resilience.



SAVE COST

- Arbitrage
- Peak shaving
- PV self-consumption

GENERATE INCOME

- Wholesale electricity trading
- Frequency markets
- Local electricity markets
- Voltage support

BOOST POWER

- Active power compensation
- EV charging integration
- Phase balancing
- Peak shaving

SUPPORT THE GRID

- Frequency support
- Voltage support
- Balance market participation
- Electricity market participation

POWERSHAPER

The PowerShaper family is redefining how energy storage is deployed, transforming battery systems from standalone assets into scalable building blocks.



Built on Pixii's modular 48V architecture, the PixiiBox is hot-swappable and can be replaced during operation, enabling high serviceability and reduced downtime.

It connects to a range of energy sources, like solar panels, the grid, generators, and more. It is software configurable and can be set to perform various functions, ensuring optimal performance and adaptability. PowerShaper is built around a modular architecture that enables systems to scale from kilowatts to megawatts, supporting a wide range of commercial and industrial applications. The platform is available in outdoor, indoor, and air-conditioned configurations, making it adaptable to different site requirements and operating environments.

Energy storage is becoming a defining element of the modern energy landscape

As power systems become more decentralized and electrification accelerates across commercial buildings, industry, mobility, and critical infrastructure, energy systems must deliver more than backup power. They must optimize consumption, support grid stability, integrate renewables, and adapt continuously to changing operational demands.

PowerShaper is designed for this new energy reality. Combining scalable battery storage, advanced energy management, and flexible system integration, the PowerShaper family enables organizations to actively shape how energy is produced, stored, and consumed.

Built for active energy optimization

Traditional energy systems are reactive, responding only when disruptions occur or energy demand peaks unexpectedly. PowerShaper is engineered for continuous optimization, helping operators reduce energy costs, improve resilience, and unlock new value from energy storage every day.

The system supports applications such as peak shaving, PV self-consumption, power boost and EV charging support, while also enabling participation in electricity markets and grid services. This allows users to both reduce operational costs and create new revenue streams, optimizing return on investment from installed energy assets.

Safe and efficient operation

PowerShaper combines galvanic AC-DC isolation with safe ~48V installation and operation principles, creating a robust and secure energy storage platform.

Designed and engineered in Europe, the PowerShaper family is built to high standards of quality, reliability, and cybersecurity, including GDPR-compliant data handling and system operation.

Connected system control

The Pixii Controller and Energy Architect platform provide centralized monitoring, optimization, and control across the entire Pixii portfolio. PowerShaper, PowerNode, solar PV, generators, EV charging, and facility loads can all be coordinated through one unified platform.

Designed for flexible energy infrastructure

PowerShaper combines modular hardware, intelligent software, and scalable battery technology to create energy storage systems that are adaptable, serviceable, and built for long-term operation. Its flexible architecture makes it suitable for everything from commercial buildings and industrial facilities to EV charging infrastructure and distributed energy systems.

By transforming energy storage into an active and integrated part of the energy infrastructure, PowerShaper enables organizations to improve resilience, reduce costs, and participate more actively in the evolving energy market.

POWERSHAPER - 48V BESS

POWER SHAPER FAMILY

Pixii's 48V BESS is designed for flexible, efficient energy storage in commercial and industrial environments.

All PowerShaper systems are modular and scalable, whether installed indoors or outdoors. The solution can easily expand with more cabinets to match your application requirements and growing needs.

It combines energy cost optimization with revenue-generating capabilities, helping you get more value from your energy system.

Designed in Norway and assembled in Europe under strict quality standards, it delivers reliable performance with strong data protection and full GDPR compliance.

PowerShaper XLP

112kW | 225kWh*



- For energy and power demanding applications
- Ideal for EV site load-support
- Fan filter or multi-cooling
- Shipped with batteries installed

PowerBase XLP

1MW | 2MWh*



- High-capacity energy storage with additional power
- Fan filter or multi-cooling
- Pre-wired on a 20 foot steel container platform
- Fast deployment and easy to relocate

PowerShaper XL

50kW | 321kWh* Indoor



- High-capacity BESS for long-duration use
- Pre-wired
- Compact footprint

PowerShaper XL

60kW | 225kWh*



- High-capacity BESS for long-duration use
- Fan filter or aircon
- Shipped with batteries installed

PowerBase XL

540kW | 2MWh*



- High-capacity BESS for energy-demanding sites
- Pre-wired on a 20 foot steel container platform
- Shipped with batteries installed
- Easy to relocate

PowerShaper

50kW | 50kWh* Indoor



- Pre-wired
- Modular and scalable
- Compact footprint

PowerShaper

50kW | 50kWh*



- Modular and scalable
- Fan cooled or aircon
- Robust IP55 cabinet

PowerBase

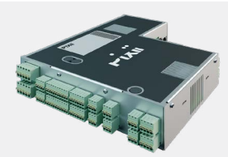
600kW | 600kWh*



- Pre-wired
- Shipped on a 20 foot steel container platform
- Accommodating 12 Pixii PowerShaper cabinets

The stated power and energy capacities are baseline or nominal values. Actual performance can vary and may be constrained by several factors, including the state of charge (SoC), state of health (SoH) of the system, as well as thermal conditions. Battery startup below 0°C may require internal heating and AC power.

PRIMARY COMPONENTS - 48V



Pixii Gateway

Controller and communication hub for all 48V Pixii systems



Battery modules (48V)

Lithium-ion Iron Phosphate (LiFePO4)



PixiiBox 48/3300

Multi-function two port power conversion module

POWERNODE - HIGHER VOLTAGE BESS

WHEN ENERGY STORAGE BECOMES SYSTEM INFRASTRUCTURE

PowerNode - our modular BESS for mission critical and large scale applications.



SAVE COST

- Peak shaving
- PV self-consumption
- Demand charge reduction
- Backup power

ENSURE UPTIME

- Backup power
- Critical load support
- Power continuity
- Energy resilience
- Diesel gen set integration

DC MICROGRIDS

- Support off-grid operation
- DC-coupled solar
- EV charging integration

SUPPORT THE GRID

- Frequency support
- Voltage support
- Balance market participation
- Electricity market participation

POWERNODE

Energy storage is evolving from a supporting technology into a critical part of modern energy infrastructure.

As electrification accelerates across industries, buildings, transport, and utilities, systems must do more than store energy. They must stabilize operations, support critical loads, integrate distributed resources, and respond instantly to changing conditions.

PowerNode is designed for this new role. Built around a modular DC microgrid architecture, the PowerNode family combines advanced power conversion, scalable battery storage, and intelligent control into a flexible platform for resilient and efficient energy systems.

Built for continuous operation

Traditional backup systems are designed to wait for an outage. PowerNode is engineered to operate continuously, supporting daily energy optimization while remaining ready to provide resilience when needed.

The system enables peak shaving, renewable integration, EV charging support, and frequency services, while also delivering black start capability, no-break transition to island operation, and stable operation in weak-grid environments. This allows energy storage to become an active and integrated part of the electrical infrastructure rather than a passive reserve asset.

A modular DC microgrid architecture

At the core of PowerNode is a DC-coupled architecture that separates power conversion from energy storage. This approach enables independent scaling of power and energy, giving operators the flexibility to tailor systems to specific applications and expand capacity over time.

By reducing unnecessary conversion stages and simplifying system integration, DC microgrids can improve efficiency while reducing supporting infrastructure complexity. The architecture also supports high-speed dynamic response and stable operation across multiple distributed energy assets.

The PowerNode PCM 125 has peak efficiency of 98.8%, with an online rate of 99% and a utilization rate of 99%, providing exceptional efficiency and operational stability.



PowerNode systems are optimized for commercial, industrial, and utility-scale applications where reliability, scalability, and operational flexibility are essential.

Connected system control

The Pixii Controller and Energy Architect platform provide centralized monitoring, optimization, and control across the entire Pixii portfolio. PowerShaper, PowerNode, solar PV, generators, EV charging, and facility loads can all be coordinated through one unified platform.



The Pixii Energy Architect (EMS) controls and coordinates energy sources, storage and loads locally, optimizing power flows in real time. It responds instantly to changes in demand or grid conditions and continues operating even if external connectivity is lost.

This enables autonomous optimization of energy flows, real-time response to grid conditions, and advanced operational strategies that maximize system performance and asset utilization.

Designed for resilience and scalability

PowerNode combines modular hardware with advanced software intelligence to create energy systems that are scalable, serviceable, and future-ready. Liquid-cooled LFP battery technology, grid-forming inverter capabilities, spinning reserve support, and fast frequency response ensure stable and reliable operation even in demanding environments.

From commercial facilities and EV charging hubs to remote microgrids and critical infrastructure sites, PowerNode provides a foundation for energy systems where storage is no longer an accessory - but a core part of the infrastructure itself.

HIGHER VOLTAGE BESS

POWER NODE FAMILY

Pixii's higher voltage systems are engineered for applications where reliability is essential and energy storage plays a central role in operations.

PowerNode BESS provide reliable backup for critical loads and enable efficient DC microgrids, supporting stable and resilient energy systems. These solutions are designed for environments where energy storage is not just optimization, but part of critical infrastructure.

Protected by the Pixii ecosystem, both hardware and software operate under strict protocols and standards, ensuring secure, stable, and controlled system performance at all times.

PowerNode 500

Power Conversion System | 500kW*



- Fast dynamic load response
- DC microgrid
- Black start islanding
- Droop control & spinning reserve
- 1 sec. Frequency Services (FCAS)

PowerNode PBC 261

Liquid-cooled Battery Cabinet | 261kWh*



- Scalable to multi MWh
- Liquid-cooled IP67 battery modules
- IP55 outdoor-rated cabinet
- Integrated fire protection

PowerNode AC Combiner

AC distribution & integration cabinet



- Integrated grid disconnect relay for off-grid backup
- Supports 500kW generator and 500kW PV input
- Integrated UPS for black start

PowerNode System

500kW | 1MWh*



- Scalable solution for medium to large scale applications
- VSG functionality for no-break transition to backup operation
- DC microgrid architecture

PowerNode All-in-one

125kW | 261kWh*



- Scalable solution for small and medium applications
- Liquid-cooled IP67 battery modules
- Black start islanding
- Droop control & spinning reserve
- Overload: 150%@180ms, 120%@1min
- 1 sec. Frequency Services (FCAS)

PRIMARY COMPONENTS - HIGHER VOLTAGE



PowerNode PCM 125

Modular power conversion module. High-efficiency power conversion module designed for scalable and flexible higher-voltage energy storage systems.



Pixii Controller

Local controller and communication hub. Centralized monitoring, control, and coordination platform for the entire PowerNode family.

**The stated power and energy capacities are baseline or nominal values. Actual performance can vary and may be constrained by several factors, including the state of charge (SoC), state of health (SoH) of the system, as well as thermal conditions. Battery startup below 0°C may require internal heating and AC power.*

VALUE STACKING

ONE SOLUTION, TWICE THE IMPACT

Value stacking is the art of combining multiple services in a Battery Energy Storage System to unlock its full potential.

While it is commonly believed that BESS is primarily for reducing energy costs, the true potential is unlocked with additional revenue from active participation in the electricity market to support the balance of your local or regional grid .

By combining cost-saving services – like peak shaving and PV self-consumption – with revenue-generating opportunities, such as selling battery capacity in electricity markets, you can significantly reduce your electricity bill and tap into new revenue streams.

Why BESS owners get paid

Electricity system operators need to balance the system and reserve backup capacity to ensure grid stability during peak demand or unforeseen disruptions. Batteries provide a fast and flexible reserve, which helps the grid balance supply and demand fluctuations when renewable sources under-perform or demand spikes.

This "readiness" allows grid operators to avoid costly power outages, avoid curtailment of renewable energy and infra-structure expansion, making BESS a valuable asset they are willing to compensate for.

From savings to earnings

Investing in a BESS is more than just about storing energy – it is about unlocking the full potential of your investment. Value stacking ensures you get the best possible return by combining cost-saving measures with revenue-generating opportunities.

By combining features like peak shaving, arbitrage, PV self-consumption with trading in the electricity markets, your BESS doesn't just lower your electricity bills – it actively works to generate income, turning your energy storage into a profitable asset.

What sets dynamic value stacking apart is its ability to adapt to market conditions and local energy needs, ensuring your system continuously delivers returns, even as the energy landscape evolves. Whether you're selling excess energy in the market or supporting grid stability, your BESS is always working to maximize your profits. This dynamic approach means that your system isn't just saving you money – it is also helping you earn more, offering a level of financial sustainability and long-term ROI.

At Pixii, we have gained extensive experience implementing value stacking strategies through real-world installations. With numerous systems successfully up and running, we have fine-tuned our approach to maximize the value of every BESS. By combining our deep understanding of energy markets and grid demands with collaboration from trusted EMS partners, we customize each system to ensure the highest return on investment for our customers.

Seamless integration and scalable flexibility

From the start, our BESS has been engi-neered to deliver the perfect value stack. It's not just about hardware – it's about a complete system that connects easily with energy sources like solar panels and the grid, managing energy inputs and outputs efficiently. The software at the heart of the system allows for real-time adjustments, making the system highly adaptable.

With our modular design, the BESS can easily scale up to meet growing energy demands, ensuring that it continues to deliver maximum savings and revenue for years to come.

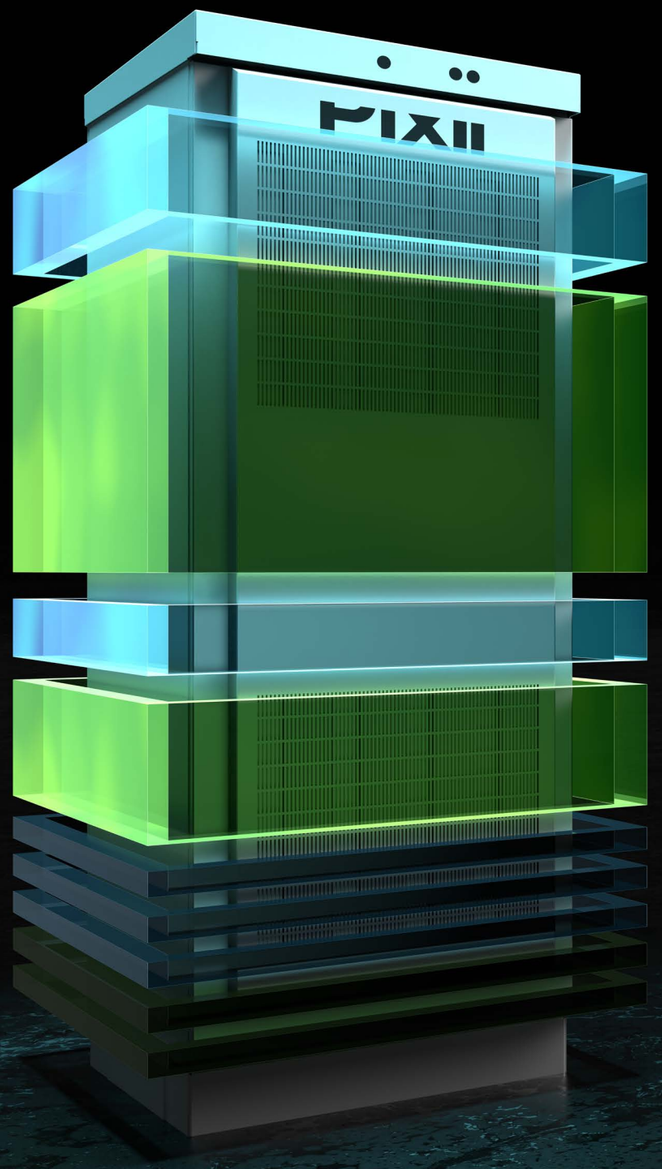
Our modular approach allows our solutions to be finely tuned to customer needs.

To optimize the potential of every installation, we work closely with each customer to understand their requirements and opportunities.

Thomas Ingebretsen,
CEO of Pixii

VALUE STACKING

By combining various services, your BESS becomes a powerful tool that not only saves you money but also creates new income opportunities.



Income-generating services

Wholesale electricity trading: Trade stored energy in bulk to balance supply and demand.

Frequency markets: Provide rapid-response energy to maintain grid frequency and stability.

Local flexibility markets: Provide energy storage and release services to manage local grid demands.

Voltage support: Help maintain stable voltage levels across the grid.

Cost-saving services

Peak shaving: Reduce energy use during peak hours and lower your electricity costs.

Arbitrage: Buy and store electrici-ty when prices are low and use it when prices are high.

PV self-consumption: Maximize your use of solar energy by storing excess energy for later.

Backup power: Prevent costly downtime during outages to ensure business continuity.

Power boost: Handle short-term spikes in demand without overloading the grid.

ONE HARDWARE MANY FUNCTIONS

A software-configurable BESS can offer unprecedented flexibility and adapts to your specific needs. This ensures you maximize the return on your investment by consistently getting the most out of your system.

With Pixii BESS, you can capitalize on arbitrage opportunities to save and generate income by buying at low and selling at high cost in the energy market.

The system can boost voltage in areas with insufficient grid capacity and employ peak shaving techniques to lower electricity bills and avoid high tariff periods.

Additionally, Pixii BESS enables the generation of income through participation in the flexibility market, offering services like FCAS, FFR and FCR-D.

The Pixii BESS can provide voltage support services which significantly improve quality of electricity supply and mitigating challenges with volatile consumption as well as challenges due to distributed energy production.

It also offers robust backup solutions with AC backup and gen-set integration, ensuring that power is available even during outages.

Pixii BESS plays a vital role in grid support by offering frequency and voltage support, contributing to the stability and resilience of the energy network.

Through these capabilities, Pixii BESS not only offers economic benefits by optimizing energy costs and creating income opportunities but also enhances the reliability and sustainability of power systems.

SAVE COST



Arbitrage



PV self-consumption



Peak shaving

GENERATE INCOME



Arbitrage



Electricity markets

BOOST POWER



Peak shaving



Voltage support

BACKUP POWER



AC backup



Gen-set integration

GRID SUPPORT



Frequency support



Voltage support

Our journey to a more sustainable future

Pixii is committed to a future where sustainable energy is a fundamental pillar of global infrastructure. Our vision is to impact an ecosystem where every watt of power is generated, stored, and utilized in harmony with our planet.

Battery Energy Storage Systems (BESS) are key for a stable resilient power grid, integrating renewable sources to empower communities with energy that's clean, reliable and affordable.

Sustainability for us is all-encompassing, affecting not just how our products have a positive impact on energy infrastructure, but how we source materials, promote reuse and recycling, and make decisions that prioritize environmental and social responsibility.

Walk the talk

As a new company, we've had the chance to build sustainability into our core from the beginning. Our progress includes initiatives and commitments within ESG reporting, ISO certifications, and setting clear actionable goals.

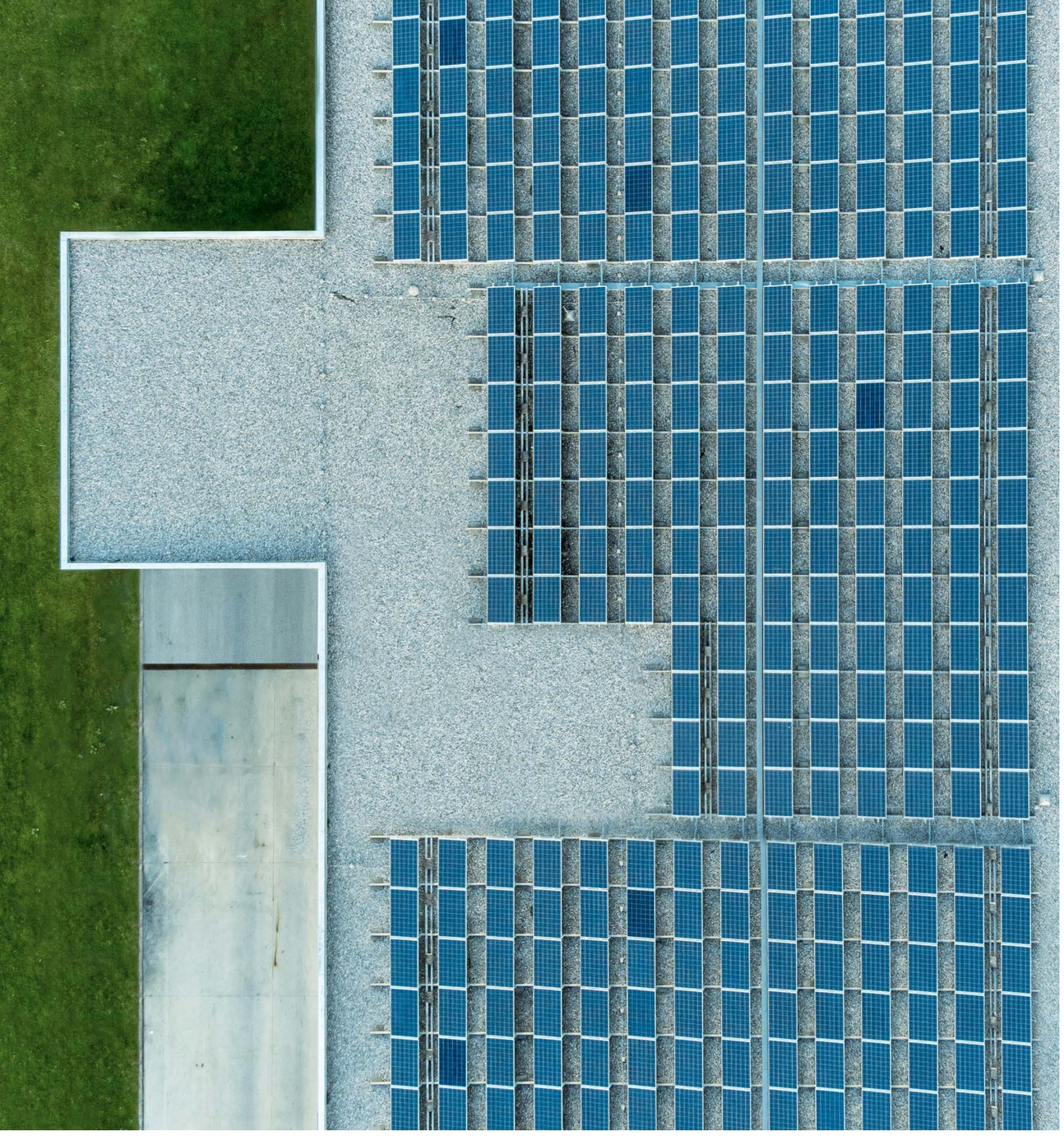
We are actively engaged in initiatives that uphold the United Nations Sustainable Development Goals 4, 5, 7, 8, 9, 11, 12, 13, and 17. Our efforts are thoughtfully designed to contribute to; quality education, gender equality, affordable and clean energy, decent work and economic growth, industry innovation and infrastructure, sustainable cities and communities, responsible consumption and production, climate action, and strategic partnerships to deliver on these goals.

Our initiatives and commitments are listed on our web page, some activities executed and some in progress when you read this.

Learn more at www.pixii.com/sustainability



Pixii is ISO 9001:2015 and ISO 14001:2015 certified.

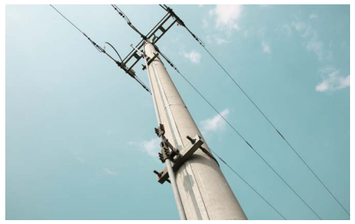


MEETING MARKET NEEDS

Our modular battery energy storage system is designed for a wide range of applications, enabling customers to scale energy storage as energy demand and infrastructure requirements evolve.

Battery energy storage systems (BESS) play a critical role in supporting electrification, improving grid stability, and enabling greater use of renewable energy. By storing and optimising energy, BESS helps reduce energy costs, defer grid upgrades, and unlock new revenue opportunities.

From grid support and EV charging to Telecom, microgrids, and commercial applications, Pixii delivers flexible, reliable, and intelligent energy storage solutions built for long-term performance and resilience.



DSO/DNSP

Delay grid investments and improve power quality with flexible battery energy storage.

Electrification and distributed energy production are putting increasing pressure on aging distribution grids. Grid operators need reliable and cost-effective solutions to relieve congestion, improve grid stability, and defer infrastructure upgrades.

Functionalities like voltage support, phase balancing, and active and reactive power compensation give operators the tools they need to ensure power quality and grid reliability.



Commercial and Industrial

Reduce energy cost, unlock new revenue streams and meet green targets.

Rising energy costs and increasing sustainability targets are accelerating electrification. Our battery energy storage system helps businesses reduce peak demand charges, optimize energy consumption, and unlock flexibility market revenues.

Our fully integrated solution enables you to get more from new or existing solar installations. With smart functionalities like peak shaving and time-of-use optimization, you can store energy during low-cost periods to reduce costs and improve operational efficiency.



Telecom and TowerCos

Turn telecom backup power systems into revenue-generating energy assets.

Telecom infrastructure around the world represents a large untapped energy resource. With modular bi-directional power conversion and native 48V DC architecture, existing backup systems can be activated to generate new flexibility market revenue streams.

BESS enables telecom operators and tower companies to reduce energy costs, improve site resilience, and monetise existing grid connections - without compromising network uptime or reliability.



EV Charging

Multiply available power for EV fast charging where grid capacity is limited.

The rapid adoption of electric vehicles is increasing demand for fast and reliable charging infrastructure. Upgrading grid connections is costly and time consuming. Battery energy storage enables high-power EV charging in locations with limited grid capacity - without major grid upgrades.

With smart functionalities like peak shaving and time-of-use optimization, you can store energy during off-peak hours, reduce demand charges, and unlock new flexibility and energy market revenue streams.



Defense

Resilient and secure power for critical infrastructure and off-grid operations.

Defense and critical infrastructure operators require reliable energy systems that can operate independently of the public grid. Our battery energy storage system enables resilient power supply, off-grid capability, and no-break transition to island operation for mission-critical operations.

With grid-forming and island mode functionality, combined with a secure European control architecture, the solution supports energy security, operational continuity, and long-term reliability in demanding environments.



Microgrids and Off-Grid

Green, cost-effective, and reliable electrification.

Microgrids allow businesses and communities to operate where the grid infrastructure is not sufficient or unstable. Typical applications include fish farming, agriculture, mining and construction sites.

Our BESS is a fully integrated solution designed for resilient and flexible microgrids. It seamlessly integrates multiple energy sources and enables stable off-grid and island-mode operation, ensuring reliable power supply in remote, weak-grid, and mission-critical environments.



EV CHARGING SKIDS

POWER BOOSTED EV CHARGING PLATFORM

Designed to match demand wherever it's needed - quickly, efficiently, and without complexity. The system enables rapid deployment on level ground, allowing you to go from delivery to operation in a single day.

Built as a modular and fully integrated platform, multiple units operate seamlessly as one system, giving you the flexibility to scale as demand grows. Whether responding to changing usage patterns or seasonal peaks, the solution can be easily relocated to where it delivers the most value.

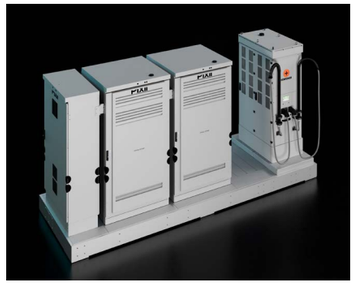


Control and new revenue opportunities

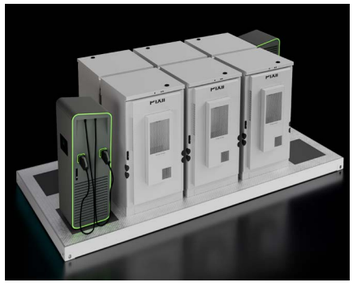
You maintain full control over power and energy flow while unlocking new revenue opportunities through flexibility markets. At the same time, the platform supports profiling and branding options, with additional possibilities such as integrated advertising space.

Flexible business models

To support different business models, leasing and financing options are available, making it easier to deploy and expand your EV charging infrastructure on your terms.



PowerBase EV Mini
224kW / 450kWh



PowerBase EV
560kW / 1125kWh

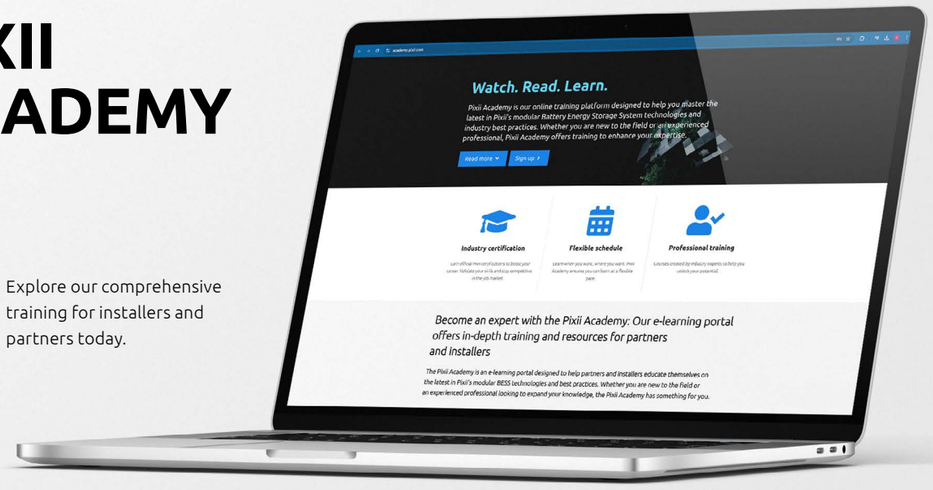
OEMs offer greater value with Pixii Power Inside

Collaborate with Pixii and excel with the latest in power conversion technology, opening new markets and revenue streams for your brand. Strengthen your position and grow your business.

Our modular and bi-directional power technology with software defined hardware makes it easy to integrate our components into your system.



PIXII ACADEMY



Explore our comprehensive training for installers and partners today.

The Pixii Academy is an online training portal designed to help partners and installers educate themselves on the latest in Pixii's modular BESS technologies and best practices.

Our comprehensive training cover a wide range of topics, including installation, commissioning, maintenance, and troubleshooting for Pixii BESS. Our online courses, webinars and classroom trainings are led by industry experts and provide hands-on learning opportunities to help you build your skills and confidence.

After completing a course, Pixii Academy provides a certification to participants who pass the exam.

In addition to training, the Pixii Academy also provides access to a range of resources, such as technical manuals, user guides, and FAQs. These resources are designed to help you stay up-to-date on the latest information and provide support when you need it.

With the Pixii Academy, you can become an expert in BESS technology and take your career to the next level.

Pixii Academy



SLA - SERVICE LEVEL AGREEMENT

PIXII AT YOUR SERVICE

With our range of services you will get access to Pixii experts, cloud services, and software enrichment updates, to ensure you stay ahead of the curve and get the most out of your investment.

Signing up for a Service Level Agreement (SLA) with Pixii offers a multitude of benefits, ensuring that you get the most out of your investment through high-quality service, reliability, and dedicated support, giving you peace of mind.

Improved system reliability

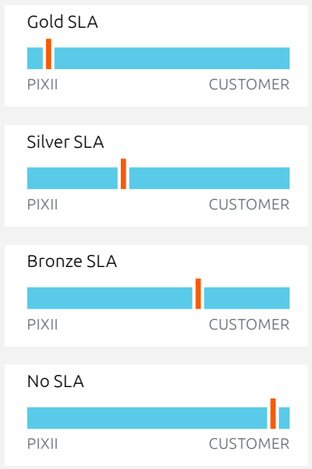
An SLA from Pixii ensures that your systems operate at peak efficiency and are always within warranty requirements.

Constant monitoring and notification upon irregularities, dashboards and regular physical check-ups are elements of our commitment to maintain the health and performance of our systems. This proactive approach not only extends the life of your equipment, but also optimizes its functionality to meet your operational needs. It ensures that the system is run properly, maintained regularly, and that any faults affecting uptime are corrected promptly, freeing you from worrying about compliance with warranty conditions.

Predictable operating costs

With a Pixii SLA, you gain clarity and predictability regarding your system maintenance costs. Our SLA outlines all service charges upfront, eliminating unexpected expenses related to system updates, maintenance, or support. This transparency allows for more effective budgeting, giving you control over your operational expenses.

Responsibilities



Service level overview	No SLA	Bronze	Silver	Gold
Customized solution planning and engineering	-	-	✓	✓
Remote commissioning	$	✓	✓	✓
On-site commissioning*	$	$	$	✓
Annual maintenance*	$	✓	✓	✓
Batteries performance check	-	-	Fortnightly	Fortnightly
System monitoring	-	-	Weekly	Daily
Condition reports	-	-	Annually	6-monthly
Remote access to the system (users)	-	2	5	10
Pixii Cloud monitoring tool (users)	1	2	5	10
Remote technical support (business days)	10	5	3	1
Critical spare parts availability (business days)	-	-	5	2
Swap replacement on products	-	-	✓	✓
Extended warranty	-	-	$	$

$ Price offer on demand.
** Travel and indirect costs are excluded and have to be paid additionally.*

All data is subject to change without notice. You will find the latest updates on our website.

Advanced monitoring tools

SLA customers gain access to Pixii's self-monitoring dashboard tools, available in basic and advanced versions. These tools empower you with real-time insights into your system's performance and health, enabling proactive management and decision-making.

Knowing that your systems are under the care of Pixii's experts allows you to focus on your core business activities, giving you the confidence to grow.

Support & rapid response

Pixii's tiered technical support structure ensures that you receive the level of assistance you need when you need it.

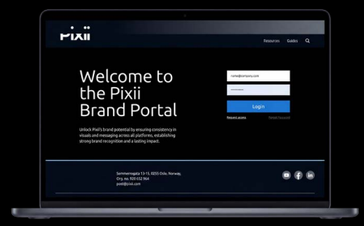
Whether you require standard support or more urgent care with a one-day turnaround, our SLA guarantees that your issues are prioritized and resolved swiftly, minimizing downtime and ensuring continuous operation.

Pixii **Partner** program

At Pixii, we are committed to helping our partners succeed in the growing BESS market. Our partner program provides the tools, knowledge, and support needed to grow your business and strengthen your expertise in modular battery energy storage systems.

As a partner, you gain access to training and certification programs, technical support, and sales and marketing resources. You will also work closely with Pixii experts to stay updated on the latest technologies and industry developments.

Partners also get access to the Pixii Brand Portal, with product images, brand assets, and marketing materials ready to use for customer communication, exhibitions and campaigns.



We offer different partnership levels to match your business goals - whether you are entering the BESS market or expanding your existing energy offering.

Join our global network of partners and let's grow together.

pixii.com/partner-program

SAFE AND SECURE

ENSURING QUALITY, CYBERSECURITY, AND FULL GDPR COMPLIANCE

As a Norwegian company, Pixii takes pride in adhering to the highest standards of quality and security.

Our product development, manufacturing, and maintenance integrate multi-layered security protocols, component traceability, online yield monitoring, rigorous testing, and ongoing post-delivery monitoring, ensuring safety, reliability, and performance in every product.

Continuous improvements in cybersecurity

To safeguard our systems against potential threats, Pixii conducts regular penetration testing, collaborating with international certification bodies to address vulnerabilities.

Post-assessment retesting ensures all weaknesses are resolved. Customers with service agreements benefit from continuous hardware monitoring, with regularly updated security checks to prevent unauthorized access.

Our encryption and access control protocols ensure only authorized personnel can access sensitive data, with detailed logs providing transparency and quick response to suspicious activity.

Based in Norway, Pixii is fully committed to GDPR compliance. We ensure customer data is protected and evaluate all new services to meet European privacy standards.

Proven quality and reliability

With a global install base of more than 250MW, Pixii's solutions are proven in critical infrastructure, providing customers with confidence in their reliability. Our quality assurance starts with clear product specifications, incorporating the latest legal and technical requirements. We verify designs extensively, and production includes testing of all sub-assemblies and modules.

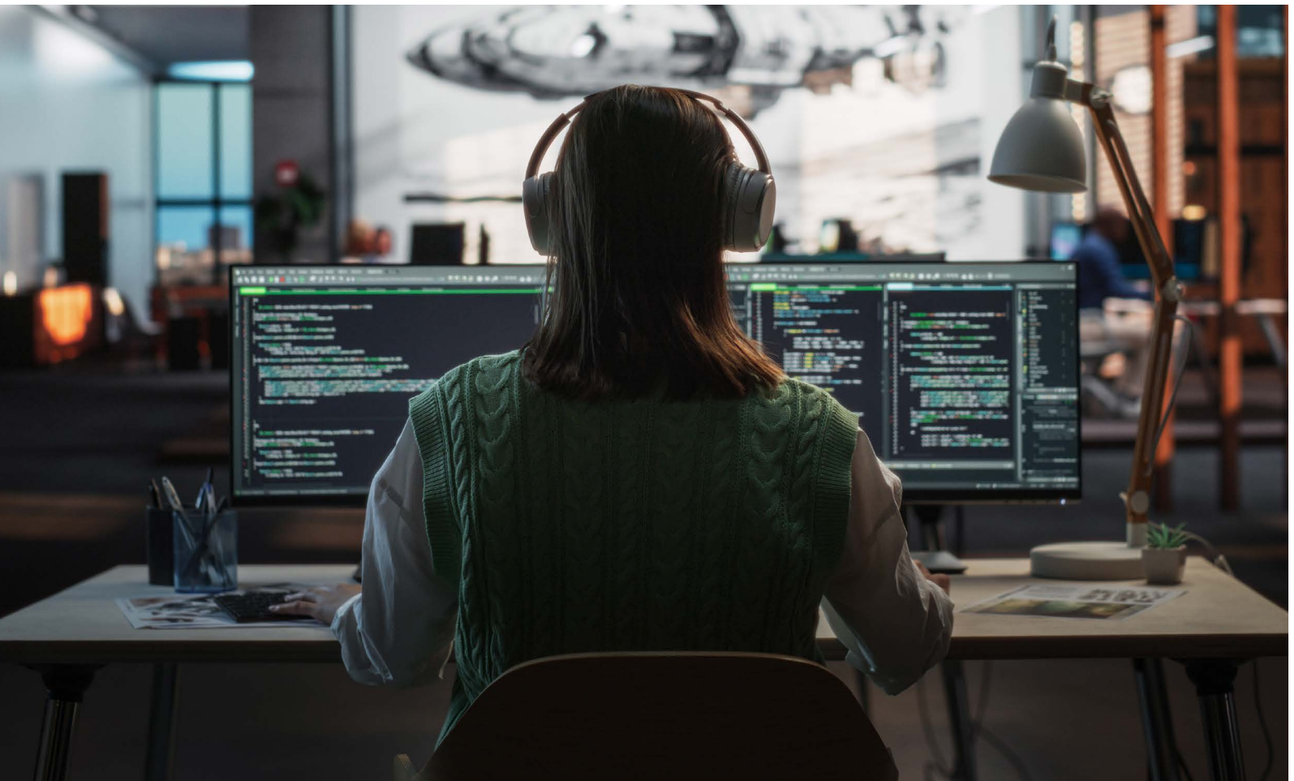
Our use of the WATS platform allows real-time performance monitoring, reducing failure risk.

We also conduct long-term reliability testing to ensure products withstand real-world conditions, especially in critical infrastructure.

ISO-certified quality and sustainability

Pixii is certified according to ISO 9001:2015 and ISO 14001:2015, internationally recognized standards for quality management and environmental responsibility.

These certifications reflect our commitment to delivering reliable, high-quality energy storage solutions while continuously improving our processes and reducing environmental impact.



Comprehensive integration and long-term support

Our solutions are designed for seamless integration with third-party systems. While we are continuously expanding our testing capabilities, we currently test a variety of hardware and software combinations before deployment. For customers who enable remote system monitoring, we offer an extended warranty of up to five years. With our SLA, customers receive active monitoring through the Pixii cloud platform, ensuring optimal system performance around the clock.

Advanced alert systems notify personnel of potential issues like power surges or temperature fluctuations, minimizing downtime.

Continuous improvement

Pixii is committed to ongoing validation and testing improvements to catch potential issues early. We regularly review system logs to learn from unexpected events, enhancing the safety and reliability of our systems.

Norwegian engineering, global reliability

Norway is recognized for its high standards in engineering and innovation, and Pixii embodies this tradition of excellence. Our Norwegian heritage ensures that our products are built to withstand the most demanding conditions, with a relentless focus on safety, security, and quality. This legacy, combined with our cutting-edge technology and proven install base, makes Pixii a trusted partner for companies around the world.

A secure and reliable future

In an era where cyber threats and system reliability are critical concerns, Pixii is leading the charge by building safety, security, and quality into the core of our products. Our advanced testing platforms, strong cybersecurity protocols, and relentless focus on product improvement ensure that we deliver secure, high-performance solutions that meet the needs of today's rapidly evolving energy landscape.

Built for long-term operation.

RECENT PROJECTS



DSO/DNSP | LEDE

Lede DSO enables more solar with Pixii

A rural solar installation in Norway created grid over-voltage during periods of high production. Instead of costly grid upgrades, Lede deployed a single PowerShaper to stabilize the local grid through energy storage.

The solution reduces manual intervention, improves grid reliability, and prepares Lede for participation in Nordic ancillary service markets such as FFR and FCR. The project has already inspired additional deployments.



EV CHARGING | TSG & ESSO

Scalable EV charging with Pixii

TSG partnered with Pixii to deploy a modular battery-supported EV charging solution at an ESSO site, enabling fast charging in a grid-constrained location without major infrastructure upgrades.

The installation combines three PowerShapers with integrated energy management and real-time monitoring. Since deployment, the station has delivered stable charging performance of up to 140kW, demonstrating how energy storage can accelerate EV charging rollout across Europe.



DSO/DNSP | INDIGO POWER

Community energy storage with Pixii

Indigo Power deployed a 119kW / 336kWh PowerShaper system at the Old Beechworth Gaol in Victoria, Australia, improving energy resilience, increasing solar self-consumption, and enabling community energy sharing.

Integrated with solar PV and managed through the Pixii Energy Architect (EMS), the system provides backup power during outages while optimizing energy flows and supporting participation in wholesale energy markets. The modular architecture also enables future expansion as energy demand grows.

Commissioned in early 2026, the installation is the first of seven Indigo Power community battery projects supported by ARENA funding across regional Australia.

> *"This project shows what is possible when communities take the lead on the issues that matter to them. When we speak with rural communities about batteries, the conversation always comes back to resilience – having reliable backup storage when it is needed most. The Beechworth Community Battery is a practical example of a community stepping up to meet its own needs."*
>
> **Benjamin McGowan**
> Managing Director, Indigo Power

Access our full reference project library



C & I | PORT OF OSLO

Smarter energy use at the Port of Oslo

The Port of Oslo deployed two large-scale battery systems to support smarter and more flexible energy use as part of its ongoing electrification efforts. Supplied by Pixii, the systems provide a combined output of 1.8MW and 4MWh of energy storage capacity.

The two PowerShaper systems are installed at separate locations in Sydhavna, including one site close to 16 fast chargers for heavy transport vehicles. They help reduce peak demand, improve utilization of the existing power grid, and support continued electrification without major grid expansion. Integrated through the OsloFleks initiative, the project supports the port's goal of reducing emissions by 85 percent by 2030.



EV CHARGING | MILENCE

Fast charging for electric trucking

Milence partnered with Pixii to deploy a scalable battery-supported charging solution at its Venlo charging hub in the Netherlands. The installation helps overcome grid limitations while enabling reliable high-power charging for long-haul electric trucks.

The system includes a 540kW / 1.1MWh battery energy storage system with 13 PowerShaper cabinets, supporting existing 400kW chargers. Designed for reliability and scalability, it helps maximize charger availability and reduce driver downtime.



DSO/DNSP | STADTWERKE HÜNFELD

Energy trading and grid services with Pixii

As the gas market continues to decline, Stadtwerke Hünfeld wanted to future-proof its energy business through large-scale battery energy storage. The goal was to support energy trading, stabilize the grid, and open up new revenue streams while giving back to the local community.

The installation includes 12 PowerBase XL units connected to three 2.5 MVA medium-voltage transformers. The system is used for energy trading and delivers key grid services such as FCR and aFRR, while also supporting the local grid operator through reactive power compensation



DSO/DNSP | STADTWERKE HÜNFELD

Maximizing solar energy for wastewater treatment

In Hünfeld, Germany, Pixii's PowerBase XL battery storage system helps maximize the use of solar energy at the local wastewater treatment plant, improving energy efficiency and reducing dependence on the grid.

The facility operates around the clock with a steady energy demand of approximately 300kW. To better align production and consumption, the City of Hünfeld deployed a 540kW / 1.39MWh PowerBase XL system integrated directly with a 1MWp solar PV installation.

By storing surplus solar energy for nighttime use, the system reduces operational costs, lowers emissions, and supports more efficient use of renewable energy.



ELECTRICITY MARKETS | GREENBAT

Advancing grid stability in Slovakia

Greenbat partnered with Pixii and MTS spol. s r.o. to deploy and certify Slovakia's first battery energy storage system for primary frequency regulation, helping address grid challenges linked to growing renewable energy production and electrification.

Executed in three phases, the project deployed Pixii PowerShaper systems reaching a total output of 5.15MW. The installation delivers 4MW of Frequency Control Reserve (FCR), while advanced control software enables seamless grid integration and real-time market optimization.

With rapid-response frequency regulation and a modular, scalable architecture, the project strengthens grid resilience and establishes a new benchmark for energy storage deployment in Slovakia.



DSO/DNSP | AUSGRID & PLUSES

Community energy storage at Bondi Beach

Pixii, in collaboration with Ausgrid and PlusES, deployed a 160kW / 412kWh community battery at Bondi Beach to capture and store excess solar energy from local households and support renewable-powered EV charging.

Using modular PowerShaper technology, the system helps reduce energy waste, lower peak demand, and improve utilization of locally generated solar energy. The battery also supports a council-operated EV charging station powered by renewable energy.

Since launching in January 2024, the project has helped stabilize the local grid and improve renewable energy utilization, supporting Australia's broader rollout of community battery infrastructure

> *"These batteries will store cheap excess energy generated by nearly 600 rooftop solar systems during the day and deploy it during peak evening periods, lowering household energy bills."*
>
> **Mick de Brenni**
> Minister for Energy, Renewables and Hydrogen



EV CHARGING | CIRCLE K

Accelerating fast EV charging for Circle K

Circle K partnered with Elywhere and Pixii to demonstrate reliable high-power EV charging in Ski, Norway, despite limited grid capacity. The project shows how battery energy storage can enable fast charging without major grid upgrades.

The installation includes six PowerShaper cabinets delivering up to 300kW charging output from a 40kW grid connection, supporting simultaneous fast charging of up to four vehicles. Managed through the Elywhere site controller, the system also enables energy arbitrage, peak shaving, and participation in energy markets.

> *"For Pixii, Elywhere has been a stepping stone into a target market. The grid will be a limiting factor for the electrification of transportation and with Elywhere our solution is demonstrated as the enabler for fast charging – anywhere."*
>
> **Morten Schøyen**
> SVP - Customer Success, Pixii AS

The site now handles 60-70 charging sessions daily, with up to 1MWh of energy delivered per day.



DSO/DNSP | ELVIA

Supporting the grid in remote locations

As electrification increases across Norway, Elvia needed a fast and flexible solution to manage grid challenges related to EV adoption, solar integration, and load imbalance in remote areas with aging infrastructure.

To support voltage regulation and phase balancing, Elvia deployed a 30kW / 65kWh PowerShaper system at Sjusjøen. The installation was completed in just half a day, with one cabinet supporting around 20 households.

The system enables active and reactive power compensation while helping stabilize the local grid, providing a faster and more cost-effective alternative to traditional grid upgrades.



TELECOM AND TOWERCOS | PASM

Large-scale energy storage for Deutsche Telekom

Power & Air Solutions (PASM), a Deutsche Telekom subsidiary, deployed its first Pixii battery energy storage system at one of Deutsche Telekom's main offices in Munich. The installation delivers 1MW of conversion capacity and 6MWh of energy storage capacity.

Based on the PowerShaper product family, the system supports peak shaving, energy arbitrage, renewable energy optimization, and participation in energy markets to help stabilize the German electricity grid. A second installation in Münster is planned, with PASM targeting more than 300MWh of total installed storage capacity.



DSO/DNSP | TENSIO & PEAKSHAPER

Boosting grid capacity in rural Norway

To address growing power demand in the remote municipality of Lierne, Norway, Tensio and Peak Shaper deployed a Pixii battery energy storage system to strengthen the local grid without costly and time-consuming grid expansion.

The project uses a 1MW PowerBase system to improve voltage regulation and increase available grid capacity for businesses in the Jule Industrial area. Delivered on a pre-configured transportable steel frame, the system was installed quickly and can be relocated to support other constrained grid areas in the future.

The project reduced network loss costs for Tensio by 22 percent and received the Smartgrid Center Innovation Award 2023.



C & I | COOP NORGE SA

Supporting sustainable retail operations

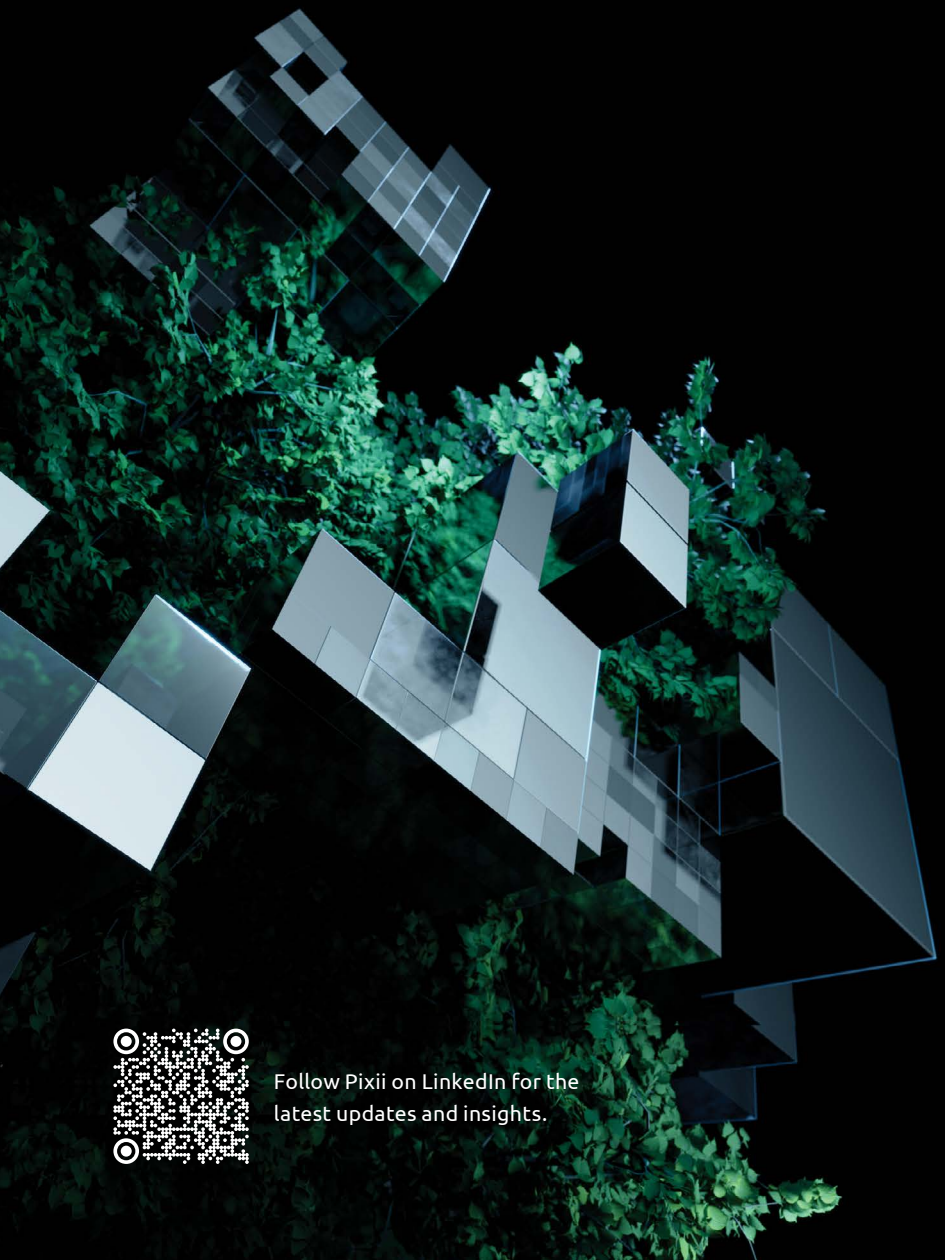
Coop Norge deployed two PowerShaper systems with four outdoor and three indoor cabinets to improve efficiency, reduce peak demand, and support sustainability goals.

Integrated with Coop's solar PV system, the solution enables peak shaving, stores excess solar energy for peak periods, and reduces grid dependence.

The project increased warehouse power capacity while lowering energy costs and CO2 emissions.

www.pixii.com

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