

GREEN JOBS & GREEN INSTALLATIONS



GEI

About Green Jobs Installations

Unveiling Green Excellence in Liverpool

Welcome to Green Jobs Installations your local hub for sustainable building solutions. Transforming dreams into reality, we take pride in being the premier facilities management company in Liverpool. From project inception to completion, we're committed to delivering excellence in every facet of construction.

www.gja.careers



Our Services

At Green Jobs Installations we pride ourselves on providing an unparalleled range of services that embody a holistic approach to building management. Beyond the conventional norms of construction, our commitment to excellence and sustainability forms the cornerstone of our service philosophy. As your local facilities management experts based in the heart of Liverpool, we understand the unique blend of heritage and innovation that defines our community.



- ❖ Plastering
- ❖ Electrical Services
- ❖ Sustainable Materials Usage
- ❖ Plumbing Solutions
- ❖ Roofing Services
- ❖ Windows and Doors Installation
- ❖ Landscaping Solutions
- ❖ Smart Home Integration

Building Blocks of Tomorrow

✿ Over 70% Real Wood Fibres

✿ Up to 90% Recycle Materials

✿ Sustainable Construction Solution

✿ Enhanced Thermal Insulation

✿ Structural Integrity



Introducing Eco Brix, a groundbreaking solution for sustainable construction. These concrete blocks, made by blending over 70% real wood fibres with clay and cement, embody our commitment to eco-friendly practices.

And many more
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Liverpool's Premier Facilities Management

At Green Environmental Installations we stand as Liverpool's premier facilities management company, merging local expertise with global standards. Our roots run deep in the vibrant tapestry of Liverpool, and our commitment to excellence reflects the diverse and dynamic nature of our city. As we navigate the ever-evolving landscape of construction, we bring forth a fusion of local insight and global best practices to each project we undertake.

Local Roots, Global Standards: We intimately know Liverpool – its history, people, and the unique challenges of building here. Our local roots enable tailored services that meet community needs.

Expert Project Management: Beyond traditional management, we're facilitators, problem-solvers, and visionaries. Every project enhances our local landscape while meeting global standards.

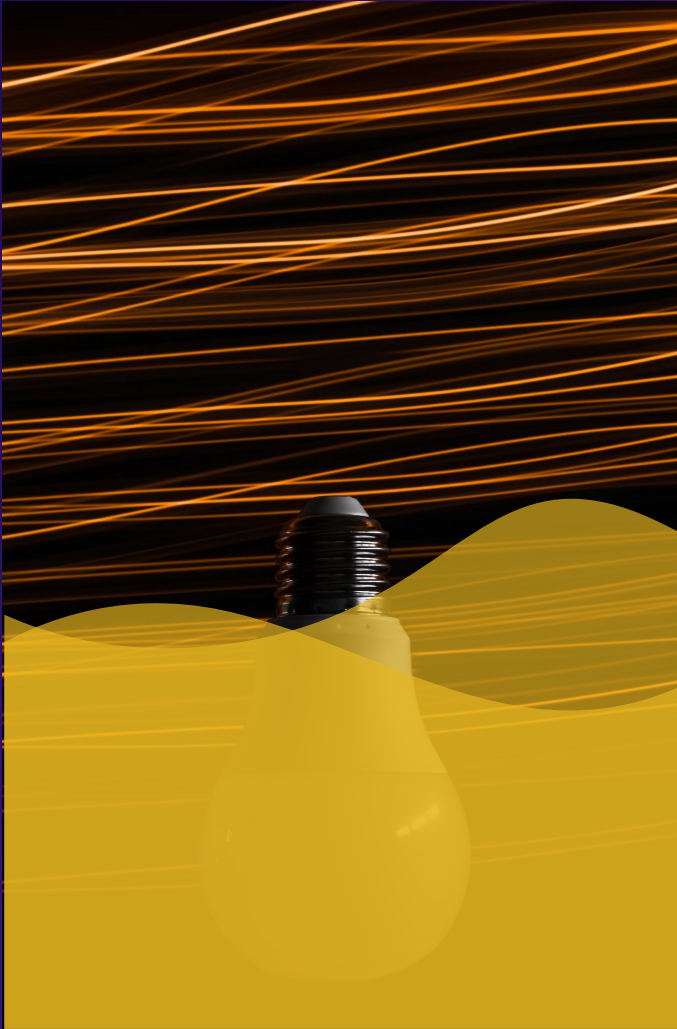
Quality Assurance: Liverpool deserves the best. Our commitment ensures every project exceeds industry benchmarks, leaving no detail unchecked.

Sustainable Design Consultation: Sustainability is fundamental to us, seamlessly integrated into your project's aesthetic and functionality for a greener Liverpool.

Environmental Impact Assessment: Our commitment goes beyond aesthetics. Thorough assessments ensure our projects positively impact Liverpool's ecological balance.



Sustainable Electrical Solutions



Powering Tomorrow, Responsibly

Powering Tomorrow, Responsibly

Our electrical services not only illuminate your space but also contribute to a greener tomorrow. We specialize in energy-efficient solutions that align with our commitment to sustainability.

Key Features:

- Energy-Efficient Solutions
- Green Power Practices
- Expert Electrical Services
- Renewable Energy Integration
- LED Lighting Technology



Plastering Excellence



Craftsmanship Beyond Walls

Discover the artistry in plastering with Green Jobs Installations. Our skilled craftsmen redefine walls, ensuring every surface reflects quality, durability, and eco-consciousness.

Key Features:

- Skilled Craftsmanship
- Eco-Friendly Plastering
- Quality Beyond Aesthetics
- Low VOC Plaster Materials
- Recyclable Plaster Waste Management

Plumbing Solutions



Flowing Towards Sustainability

From piping to water-efficient fixtures, our plumbing solutions ensure your home is not only functional but also minimizes water wastage, contributing to a sustainable environment.

Key Points:

- Water-Efficient Fixtures
- Eco-Friendly Plumbing
- Expert Plumbing Services
- Greywater Recycling Systems
- Sustainable Drainage Solutions



Roofing Services

Sheltering Sustainability

Explore roofing solutions that go beyond protection. Our roofing services incorporate eco-friendly materials, providing a durable and environmentally conscious overhead shield.

Key Points:

- Eco-Friendly Roofing Materials
- Durable Roofing Solutions
- Expert Roofing Services
- Solar Roof Installations
- Cool Roof Technology



Windows and Doors Installation

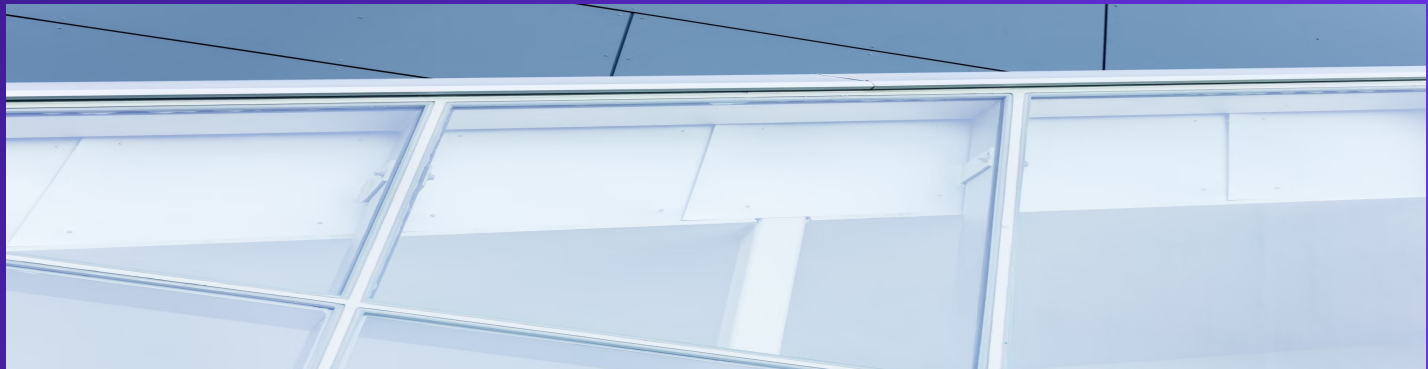


Inviting Sustainability In

Our expertise extends to eco-friendly windows and doors installations. Experience the perfect blend of aesthetics, functionality, and energy efficiency.

Key Features:

- Energy-Efficient Windows
- Sustainable Doors
- Expert Installation Services
- Double Glazing Technology
- Recyclable Window Materials



Landscaping Solutions



Greening Your Outdoor Spaces

Complete your dream home with our landscaping solutions. From garden design to sustainable hardscaping, we create outdoor spaces that harmonize with nature.

Key Features:

- Sustainable Garden Design
- Eco-Friendly Hardscaping
- Expert Landscaping Services
- Permeable Paving Solutions
- Rain Gardens and Green Roofs



Training Staff to Install Smart Meters

Overview: Proper training is essential to ensure the successful installation and operation of smart meters. Our comprehensive program equips technicians with the necessary skills and knowledge for efficient and safe installations.

Training Program Overview:

Initial Assessment:

- Tailor training to staff skill levels.

Theoretical Training:

- Introduction to Smart Meters:** Understand technology and functions.

- Safety Protocols:** Follow regulatory standards and handle equipment safely.

- Communication Networks:** Learn data transmission methods.

Practical Training:

- Hands-on Installation:** Practice installation with supervision.

- Troubleshooting:** Develop problem-solving skills.

- Testing & Calibration:** Ensure accurate meter setup.

Customer Interaction:

- Effective Communication:** Explain the process and address customer concerns.

- Consumer Education:** Teach usage and benefits.

Continuous Education:

- Ongoing Training:** Stay updated on advancements.

- Feedback Mechanism:** Share experiences and suggest improvements.

Certification & Compliance:

- Certification Programs:** Validate skills and knowledge.

- Regulatory Compliance:** Adhere to industry standards.



Smart Home Integration

Intelligent Living, Sustainable Choices

Step into the future with our smart home integration services. Embrace technology that not only enhances your lifestyle but also contributes to energy efficiency and sustainability.

Key Features:

- Home Automation
- Energy-Efficient Technology
- Sustainable Smart Home Solutions
- IoT-Enabled Energy Monitoring
- Smart Climate Control Systems



About Green Jobs Academy

Empowering the Next Generation of Environmental Leaders.

At Green Jobs Academy, we believe that the key to a sustainable future lies in educating and empowering the next generation of environmental leaders. Our training programs cover a wide range of topics, including renewable energy, energy efficiency, sustainable agriculture, and green building. We work closely with local employers to ensure that our training programs are aligned with industry needs, and we provide job placement services to help our graduates find employment in the green economy.

www.gja.careers



What Do Green Jobs Academy do?

Green Jobs Academy (GJA) is a leading provider of training and job placement services for young people interested in pursuing careers in the growing field of environmental sustainability. Our mission is to help young people gain the skills, knowledge, and experience they need to succeed in green jobs that promote a sustainable future for our planet.



- + Create new innovations
- + Expand the technology
- + Educate people about nature
- + Create social community



Empowering the Next Generation of Green Leaders: Green Jobs Academy Apprenticeships

Green Jobs Academy is committed to providing opportunities for disadvantaged young people to enter the growing and exciting field of environmentally friendly jobs.

Our program offers a unique two-year apprenticeship, where young people get job placements working with experienced tradesmen in the renewable energy and green technology sector.

This immersive experience provides hands-on training and real-world experience to help them develop the skills and knowledge necessary to succeed in the industry. We believe that by investing in young people and providing them with the tools and resources they need to succeed, we can create a more sustainable future for all.

Through our apprenticeship program, we are empowering the next generation of environmentally conscious workers and making a positive impact in our communities.



Achievements So Far



**475 Total
Members**



**242 Positive
Destinations**



**£4,076,760
Social Economic
Value In Wirral
To Date**



**30+ Volunteers,
Mentors &
Supporters**



**60+ Partner
Organizations**

About Green Environmental Installations

✿ Protect nature and environment

✿ Give education about nature

✿ Create solid community

And many more
www.gei.careers



Green Environmental Installations are a leading provider of sustainable energy solutions. We specialize in the design, installation, and maintenance of renewable energy systems, including solar power, wind power, and other clean energy technologies. Our mission is to help businesses and homeowners reduce their carbon footprint, save money on energy costs, and contribute to a cleaner, healthier planet.

Our Commitment

At our Group, we are committed to reducing our **carbon footprint** and helping our clients do the same.

Our mission is to provide sustainable and energy-efficient solutions that minimize the impact on the environment while improving the quality of life for our customers.

We understand that climate change is one of the most significant challenges facing our planet, and we believe that we all have a responsibility to take action.

By utilizing renewable energy sources, reducing energy waste, and providing innovative and efficient solutions, we can reduce carbon emissions and make a positive impact on our planet.

At Green Environmental Installations, we are proud to be a part of the solution and strive to lead the way in the transition to a more sustainable future.



Carbon Reduction of 2,500 metric tons annually. which equals to taking approximately 530 cars of the road or planting 66,000 trees.

Green Environmental Installations Services

**Ground Source
Heat Pumps**



Solar Power



Wind Power



Battery Storage



Electric Vehicles



Maintenance



Ground Source Heat Pumps

The benefits of GSHPs are numerous. They are highly efficient, using 25-50% less energy than traditional heating and cooling systems, which can result in significant cost savings over time. GSHPs are also low-maintenance, have a long lifespan, and are quieter than traditional HVAC systems.

Additionally, GSHPs are environmentally friendly, producing lower emissions than traditional heating and cooling systems and reducing our dependence on non-renewable energy sources.

Overall, GSHPs represent a promising technology for sustainable heating and cooling, offering a reliable, efficient, and environmentally friendly alternative to traditional HVAC systems.



Installing Smart Meters

Smart Meters: Smart meters are advanced devices for automatically recording energy consumption and communicating the data to both utility providers and consumers.

Installation Process:

- Pre-Installation Survey:** Assess existing meter setup.
- Scheduling:** Set a convenient appointment time.
- Power Shut-off:** Temporarily for safety.
- Remove Old Meter:** Carefully take out.
- Install Smart Meter:** Securely connect the new meter.
- System Integration:** Connect to the communication network.
- Testing & Calibration:** Ensure accurate readings.
- Power Restoration:** Turn power back on.
- Consumer Education:** Explain functionality and usage.

Benefits:

- Accurate Billing:** Eliminates estimated bills.
- Energy Management:** Real-time monitoring and consumption adjustment.
- Time-of-Use Pricing:** Encourages off-peak energy use.
- Reduced Operational Costs:** Less need for manual readings.
- Outage Detection:** Faster response and repair.
- Environmental Benefits:** Reduces carbon footprint.
- Enhanced Grid Management:** Better supply-demand balance.
- Consumer Empowerment:** Informed energy decisions.



Air-Source Heat Pumps

Air source heat pumps (ASHPs) are a type of heating and cooling system that use the air outside a building to regulate indoor temperature.

ASHPs work by extracting heat from the outside air, even in temperatures as low as -15°C , and transferring it to a refrigerant fluid. The fluid is then compressed, which increases its temperature, and the heat is released into the building's heating system or hot water tank. In the summer, the process is reversed, with the ASHPs extracting heat from inside the building and releasing it outside.

ASHPs are highly efficient, using up to 50% less energy than traditional heating systems, and can significantly reduce energy bills and carbon emissions. They are also low-maintenance, durable, and have a long lifespan, making them an attractive option for homeowners and businesses looking to reduce their environmental impact and save money on energy costs.





Ductless Mini-Split Heat Pumps

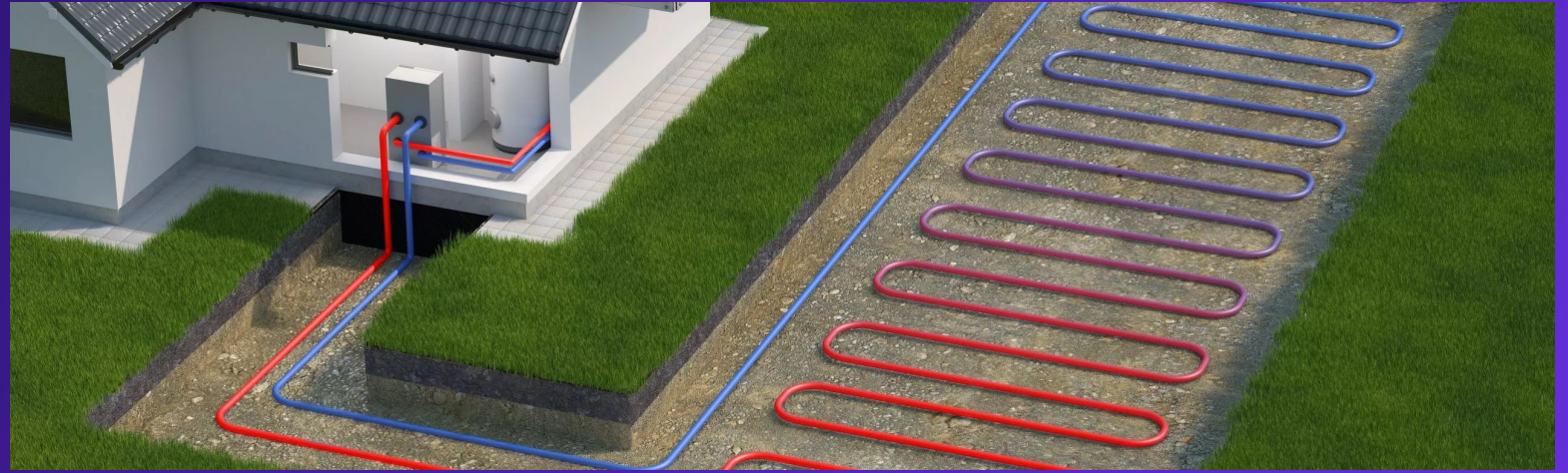
Ductless mini-split heat pumps (MSHPs) are a type of heating and cooling system that provides zoned temperature control without the need for ductwork.

MSHPs consist of an outdoor compressor and one or more indoor air-handling units connected by refrigerant lines. The indoor units can be mounted on the wall or ceiling, and each unit can be controlled independently, allowing for personalized temperature settings in different rooms or zones.

MSHPs are highly efficient, using up to 50% less energy than traditional heating systems, and can significantly reduce energy bills and carbon emissions.

They are also quiet, easy to install, and can be used in a wide range of applications, from single-room heating and cooling to whole-house solutions. MSHPs are an attractive option for homeowners and businesses looking to increase energy efficiency, reduce environmental impact, and improve indoor comfort.





Geothermal Heat Pumps

Geothermal Heat Pumps (GHPs) use the constant temperature of the earth to provide a reliable and cost-effective solution for indoor temperature regulation.

GHPs are highly efficient, using up to 50% less energy than traditional heating systems, and can significantly reduce energy bills and carbon emissions.

They are also low-maintenance, durable, and have a long lifespan, making them an attractive option for homeowners and businesses looking to reduce their environmental impact and save money on energy costs. Invest in a GHP for a comfortable indoor environment while supporting a sustainable future.

Why are Heat Pumps not popular in the UK?

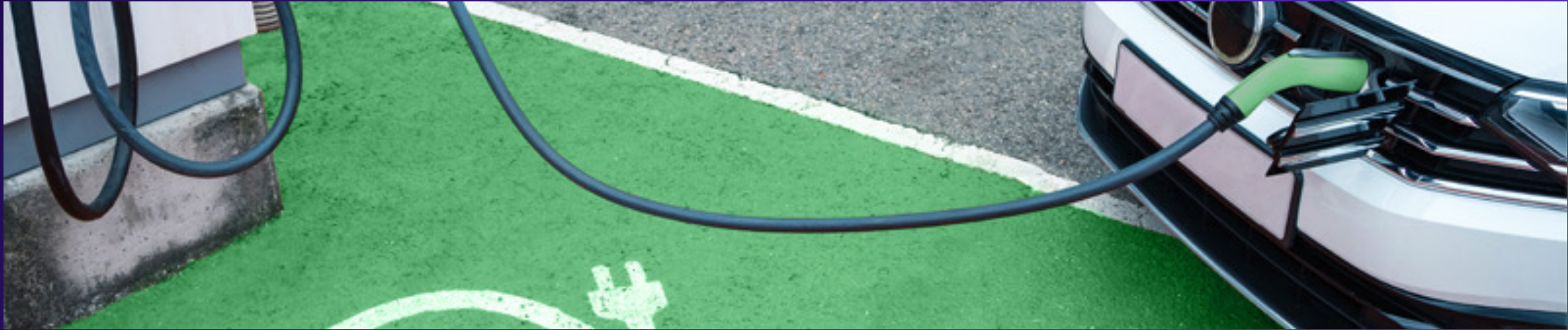
Heat pumps are becoming increasingly popular in the UK as a more sustainable and energy-efficient way to heat homes.

However, there are still some reasons why they are not as widely adopted as in other countries. One reason is that many UK homes are older and not well-insulated, which means they require more energy to heat. This can make heat pumps less efficient and more expensive to install and operate.

Additionally, heat pumps often require a larger upfront investment than traditional heating systems, which can be a barrier for some homeowners.

There is also a lack of awareness and understanding of how heat pumps work and their benefits, which can make it difficult to make informed decisions about whether to invest in them. However, as energy prices continue to rise and concerns about carbon emissions grow, heat pumps are expected to become increasingly popular in the UK.





Electric Vehicles - Benefits

Environmental Benefits: EVs produce zero direct emissions, meaning they do not emit pollutants that harm the environment or contribute to climate change. This helps to improve air quality and reduce greenhouse gas emissions, which can have a significant impact on public health and the environment.

Cost Savings: EVs have lower fuel and maintenance costs compared to gas-powered vehicles. Charging an EV is typically less expensive than filling up a gas tank, and EVs require less frequent maintenance as they have fewer moving parts.

Energy Security: EVs reduce our dependence on imported oil and increase energy security by utilizing domestically produced electricity. This can help to reduce our reliance on foreign oil and improve national energy security.

Performance: EVs offer smooth, quiet acceleration and can provide instantaneous torque, resulting in a more responsive and enjoyable driving experience.

Public Health Benefits: EVs can help to reduce air pollution and associated health problems such as respiratory issues, heart disease, and lung cancer.

Longevity: Electric motors are known for their longevity and reliability, meaning that EVs can last longer and require less maintenance over time, resulting in cost savings for owners.



Solar and Wind Power

The benefits of solar and wind power are numerous. First and foremost, they are clean sources of energy that produce no emissions or pollution, helping to reduce our reliance on fossil fuels and combat climate change. Additionally, they are renewable and abundant sources of energy, meaning that they can be harnessed indefinitely without depleting natural resources. Solar and wind power can also improve energy security by reducing our dependence on foreign oil and gas, and can help to lower energy costs over time as technology continues to improve and become more affordable.

Overall, solar and wind power represent a promising future for energy production, offering a sustainable, reliable, and cost-effective alternative to traditional fossil fuel-based energy sources.



Battery Storage

Battery storage is a technology that allows excess energy to be stored for later use. Essentially, a battery storage system charges when there is an excess of energy, such as during peak solar production or low demand periods, and then releases that energy when it is needed, such as during peak energy demand or when there is no sunlight.

The benefits of battery storage are numerous. First and foremost, it allows for more efficient use of renewable energy, such as solar or wind power, by storing excess energy and releasing it when needed. This can reduce the need for traditional power sources, such as coal or natural gas, and help to reduce carbon emissions. Battery storage can also improve grid stability and reliability by providing a backup power source during outages or peak demand periods. Additionally, battery storage can help to lower energy bills by reducing reliance on the grid during peak pricing periods. As battery storage technology continues to evolve and become more affordable, it has the potential to revolutionize the way we produce and use energy.



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AI-Driven ESG Solutions

Leverages AI to transform ESG reporting and data analysis, offering scalable, cost-effective solutions that enhance decision-making and compliance, underscoring our commitment to technological innovation in sustainability.

What We Do



- Esg reporting Ai
- Automated Reporting
- Data Collection
- Accuracy Enhancement
- Timely Insights
- Customisable Dashboards
- Compliance Monitoring
- Cost Efficiency
- Scalability
- Sustainability Integration

On-site Activity



- Field Data Collection
- Environmental Monitoring
- Social Impact Assessment
- Stakeholder Consultation
- Data Verification
- Compliance Audits
- Risk Identification
- Continuous Monitoring
- Actionable Insights

