

Environmental continued

# Energy Management

To address the carbon emissions generated by the energy consumption of our global distribution centres and office locations we have implemented a range of initiatives to understand, monitor and manage our energy usage effectively, with a particular focus on reducing energy waste.

As an organisation committed to the provision of services that practically support our clients, we have engaged with our IoT technology service LoweConex to develop our approach to energy management.

LoweConex offer a centralised data platform and software service that in one facet enables businesses to connect to, observe and control assets across their physical locations. Providing connected asset visibility and remote control that helps businesses identify and implement energy saving initiatives that deliver measurable reductions.

Upon their consultation and in conjunction with their dedicated team of energy management experts, Lowe Rental

Corporation have developed and implemented the following approach:

**Connect & Monitor:** To set initiatives and target improvements, we first needed to understand our baseline data. As such, we installed submeters to collect MPAN data directly and understand electricity consumption in real-time for measurement and reporting. LoweConex, whose platform can ingest data from any hardware, then centralised our electricity usage data for review.

**Observe & Optimise:** Visualised into easy-to-read energy dashboards, LoweConex enabled our management teams to interrogate and understand our energy consumption on a site-by-site basis. With connected data rather than isolated reports, we were able to conduct accurate trend analysis to understand which of our asset categories are high energy consumers and where unnecessary energy use can be reduced through informed colleague behaviours. Teams at each location were

then provided with data-driven insights to drive more efficient energy practices in day-to-day management.

**Command & Control:** The LoweConex platform also enables businesses to implement rule-based automated workflows that remotely adjust asset running performance based on pre-agreed parameters. As we continue collaborating with LoweConex, the next phase of our implementation will unlock two-way control of our assets to facilitate this functionality, allowing for more dynamic energy management that minimises waste. We are also actively reviewing the potential to integrate additional technologies, such as an LPOS (Last Person Out Switch), to remotely power down assets at the end of operational hours, ensuring efficiency across all locations.

## Our Energy Champions

We also recognise that change is most effectively embedded when we engage with and empower our people at every level. To help achieve our energy reduction goals, we have appointed Energy

Champions at each regional location. These individuals are responsible for promoting energy-saving practices, fostering a culture of sustainability, and encouraging active participation from all employees. By

offering practical support on the ground, they drive our energy management initiatives forward and ensure effective implementation across our organisation.



**UK Lisburn**  
Tommy Leatham,  
Senior Buyer



**UK Gloucester**  
Andrew Williams, Data  
& Analytics Director



**UK Gloucester**  
Eniko Thompson,  
Office Manager



**UK Cheltenham**  
Jenna Warrender,  
QHSE Coordinator



**UK Marchington**  
Przemyslaw Kwapisz,  
Head of Warehouse  
Operations



**Spain**  
Alejandro Martinez  
Monreal, Warehouse  
Operations Manager



**USA Georgia**  
Chris Grant,  
Warehouse Manager



**USA Texas**  
Sandra Torres,  
Warehouse Manager



**UAE & KSA**  
Fred Buhat,  
Contracts Manager



**Hong Kong & Singapore**  
Ray Lee,  
Operations Director

## Our Steps Towards Sustainable Energy Consumption

### Capture Real-Time Energy Data

Installed submeters to capture real-time electricity consumption data for accurate measurement and reporting.

1



### Enable Site-Specific Energy Visualisation

Developed energy dashboards for each location, empowering teams to accurately monitor and assess energy usage.

3



### Empower Efficiencies at Every Site

Equipped location teams with actionable insights to drive efficient energy management and reduce waste.

5



### Centralise Energy Data for Connected Analysis

LoweConex platform centralised energy data from all sites, providing a single view for streamlined analysis.

2



### Identify High-Impact Energy Trends

Conducted data-driven trend analysis to pinpoint high energy-consuming assets and target reductions.

4



## Recognised Accreditation

At Lowe Rental Corporation we recognise that effective and proactive environmental management, as with any business function or long-term strategy, is governed by robust frameworks. As such, it was important for our organisation to reinforce our commitment to sustainability by establishing solid foundations that could provide accredited structures to our approach.

We chose ISO 14001 to help our colleagues manage resources more efficiently, reduce waste and meet regulatory requirements with a clear and consistent approach. By adopting this standard, we can ensure that our environmental efforts are measurable, transparent, and continuously improving, aligning with our broader sustainability goals and reinforcing the trust of our stakeholders.

Our commitment to environmental management began over 10 years ago with our first ISO 14001 accreditation. In 2023, we sought to shift focus towards strengthening our approach and placing greater emphasis on rolling out ISO 14001 accreditation across our global operations.

Implementing a two-pronged strategy which consisted of:

**Accreditation Rollout:** We set clear targets to expand ISO 14001 accreditation across our operating regions, starting with expansion to all locations in the UK in 2022, USA operations in 2024, and Spanish and GCC operations in 2025. This phased rollout is reflective of a considered approach that

will enable each of our locations to adopt the same high standards of environmental management whilst accommodating the specific needs of each region.

**External Validation:** To ensure our existing and new strategies are both effective and compliant, we choose to partner with an environmental consultancy to provide an additional layer of validated assurance. Through this collaboration, we re-evaluated regulatory requirements, streamlined internal processes, and conducted a comprehensive risk assessment. The insights gained from this partnership enabled our organisation to design effective environmental risk management strategies and guarantee that our approach aligns with evolving environmental standards.

### Looking Forward

As we move into 2025, our focus will shift toward completing the ISO 14001 accreditation rollout to our Spanish and GCC operations. Building on the progress made in the UK and USA, our upcoming certification milestones will focus our efforts on ensuring each remaining region is successfully moving through preparation timelines, with an emphasis on embedding consistent environmental management practices that will serve to drive improved outcomes beyond compliance audits.



As an ISO 14001 certified organisation, Lowe Rental Corporation have demonstrated:

- Enhanced environmental performance
- Consistent regulatory compliance with environmental standards
- Proactive risk management strategies that mitigate environmental hazards
- Cost savings generated through improved practices and reduced waste
- Operational excellence by embedding environmental considerations into daily processes
- Strengthened stakeholder and customer trust through transparent accountability and environmental commitments