



IMPROVED ENERGY EFFICIENCIES

Optimizing heating systems for greater energy efficiency in our office and warehouse.

OVERVIEW

GOAL

Enhance energy efficiency through heating updates

INITIATIVES

Energy efficient heating project

RESULTS

Reduced gas consumption to zero and lower operational costs

GOAL

Our goal is to significantly enhance the energy efficiency of our heating and cooling systems through the Energy Efficient Heating Project. By replacing outdated equipment with high-efficiency air conditioning units and additional panel heaters, we aim to reduce energy consumption and lower operational costs. This initiative will not only contribute to significant cost savings but also minimize our environmental impact by decreasing emissions associated with energy use. Through these improvements, we are committed to fostering a sustainable future for Valley Northern and its operations.

ENERGY EFFICIENT HEATING PROJECT

In 2024, Valley Northern launched the Energy Efficient Heating Project to enhance the energy efficiency of our heating and cooling systems. This initiative focuses on replacing the existing gas boiler and warehouse tube heaters with high-efficiency air conditioning units and additional panel heaters for optimal climate control year-round.

Overview

The project aims to reduce energy consumption while maintaining a comfortable environment for our operations.

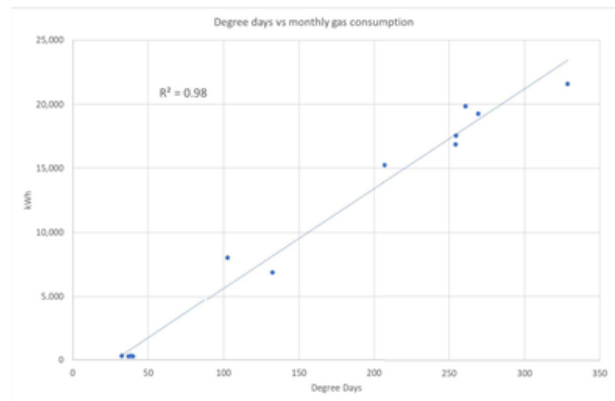
Actions Taken

- **System Upgrade:** Upgrading to efficient air conditioning units and installing panel heaters to ensure effective heating in winter and cooling in summer.
- **Energy Assessment:** Conducted an Energy Assessment to evaluate current energy use and identify potential savings from the upgrades.

Environmental Impact

- **Cost Savings:** Reduction in energy bills
- **Emission Reduction:** Improved heating systems will lower energy-related emissions, supporting our sustainability goals.
- **Reduced Gas Consumption:** Zero gas consumed by switching to energy-efficient heating

The Energy Efficient Heating Project underscores Valley Northern's commitment to improving energy efficiencies and fostering a sustainable future.



Estimated Annual Energy Saving [kWh/yr]	115,831 kWh/yr
Estimated Annual Carbon Saving [tonnes CO2e/yr]	21 tonnes CO2e/yr
Fuel type saved	Gas
Estimated cost to implement [£ (excl. VAT)]	£9,000

CO₂

REDUCED VEHICLE TRAVEL & EMISSIONS

Enhancing site infrastructure and processes to improve efficiency, reduce emissions, and support more sustainable day-to-day operations

OVERVIEW

GOAL

Efficient access reducing emissions, travel, and safety.

INITIATIVES

Dock leveller installation
Employee travel reduction

RESULTS

Reduced manoeuvring and travel, boosting efficiency and lowering impact.

GOAL

The goal of the Reduced Vehicle Travel & Emissions initiatives is to minimise carbon emissions and improve operational efficiency by reducing unnecessary vehicle movements. By installing a dock leveller, we streamline delivery operations, reducing lorry manoeuvring and forklift travel within the goods-in area. At the same time, by reducing offsite meetings, we cut employee travel, saving approximately 2,400 miles and 52 metric tons of CO₂. Together, these initiatives demonstrate Valley Northern's commitment to sustainable operations, lowering emissions while enhancing efficiency across both internal and external transport activities.

DOCK LEVELLER INSTALLATION

As part of our commitment to improving operational efficiency and reducing environmental impact, Valley Northern installed a dock leveller at our premises to streamline unloading processes and enhance site logistics.

Overview

Previously, delivery lorries were required to navigate around the side and rear of the building to unload goods, resulting in additional manoeuvring time and increased forklift travel within the goods-in area. The installation of a dock leveller at the front of the building has significantly improved accessibility and efficiency.

Actions Taken

- Installed a dock leveller at the front of the building to simplify vehicle access.
- Reconfigured unloading procedures to allow lorries to pull in directly at the front.
- Optimized internal goods-in processes to reduce forklift travel distance.

Impact

- Improved Efficiency: Reduced manoeuvring time for delivery vehicles.
- Reduced Vehicle Movement: Minimized unnecessary lorry navigation around the site.
- Lower Emissions: Decreased forklift and vehicle travel contributes to reduced fuel use and emissions.

The dock leveller installation has enhanced operational flow while supporting our wider sustainability and efficiency objectives.

TRAVEL REDUCTION INITIATIVE

As part of our commitment to lowering our overall carbon footprint, Valley Northern reviewed internal practices that contributed to unnecessary travel. One key area identified was travel to offsite venues for meetings.

Overview

Previously, employees frequently travelled to external locations for meetings, resulting in significant mileage and associated carbon emissions. By reassessing how and where meetings were held, we identified an opportunity to reduce travel while maintaining collaboration and productivity.

Actions Taken

- Reduced the number of meetings held at offsite venues.
- Increased the use of on-site meeting spaces and alternative meeting arrangements.
- Encouraged more efficient scheduling to minimize unnecessary travel.

Impact

- Reduced Travel Mileage: Approximately 2,400 miles of travel saved.
- Lower Carbon Emissions: An estimated reduction of 52 metric tons of CO₂.
- Improved Time Efficiency: Decreased travelling time, allowing employees to focus more on productive work activities.

This initiative demonstrates how operational changes can meaningfully reduce emissions while improving efficiency across the business.



RENEWABLE ENERGY SOURCES

Strengthening our commitment to clean energy through increased reliance on renewable power.

OVERVIEW

GOAL

Reduce reliance on fossil fuels for operations

INITIATIVES

Renewable electricity initiative

RESULTS

86% of our electricity was sourced from renewable sources in 2025

GOAL

The goal of this initiative is to significantly reduce the carbon footprint of Valley Northern's operations by increasing the use of renewable energy across our sites. By installing solar panels and prioritising renewable electricity, we aim to minimise reliance on fossil fuels, lower operational emissions, and promote long-term environmental sustainability. This initiative also seeks to demonstrate our commitment to responsible business practices, set a benchmark for energy-efficient operations, and create a foundation for further sustainability improvements in the future. By integrating renewable energy into daily operations, we can achieve measurable reductions in carbon emissions while supporting the company's broader climate and environmental objectives.

RENEWABLE ELECTRICITY INITIATIVE

Valley Northern is committed to reducing the environmental impact of its operations. A key focus has been increasing the use of renewable energy to lower operational carbon emissions.

Overview

This initiative focuses on ensuring that the majority of our electricity consumption is generated from renewable sources. By continuing to expand our use of green energy, we are reducing emissions associated with our operations and strengthening the environmental performance of the business.

Actions Taken

- Installed solar panels to generate renewable electricity for operational use.
- Increased reliance on renewable energy sources for all site operations.
- Monitored energy consumption to optimise efficiency and maximise renewable energy use.

Impact

- High Renewable Energy Usage: 86% of electricity now comes from renewable sources.
- Reduced Carbon Footprint: Significant reduction in operational emissions from electricity use.
- Sustainable Operations: Supports long-term environmental targets and greener business practices.





Reduce
Your
Plastic
Footprint



REDUCING COMPANY PLASTIC WASTE

Encouraging re-usable bottles and filtered water access to reduce plastic waste and support sustainable workplace practices.

OVERVIEW

GOAL

Reduce employee plastic waste and promote sustainability

INITIATIVES

Reusable drinkware options

RESULTS

Reduction in single use plastic among employees

GOAL

The goal of this initiative is to reduce the use of single-use plastics within Valley Northern by providing practical alternatives and encouraging sustainable habits among employees. By promoting re-usable bottles and providing access to filtered water, we aim to significantly decrease plastic waste, support a circular approach to resource use, and foster a workplace culture that prioritises environmental responsibility. This initiative contributes to our wider sustainability strategy and demonstrates our commitment to reducing the company's overall environmental footprint.

REUSABLE DRINKWARE OPTIONS

Valley Northern is committed to reducing its environmental impact by addressing the use of single-use plastics across its operations. Encouraging sustainable alternatives helps lower waste and supports a more environmentally friendly workplace.

Overview

One key initiative is promoting the use of re-usable bottles among employees and providing access to filtered water. By reducing reliance on disposable plastic bottles, we aim to decrease plastic waste and encourage long-term sustainable habits.

Actions Taken

- Encouraged employees to switch from single-use plastic bottles to re-usable bottles.
- Installed filtered water stations to provide safe, convenient access to drinking water.
- Raised awareness of the environmental impact of single-use plastics through internal communications.

Impact

- Reduced Plastic Waste: Fewer single-use plastic bottles are consumed and discarded.
- Sustainable Practices: Employees adopt environmentally friendly habits in the workplace.
- Operational Awareness: Strengthened company culture around sustainability and waste reduction.





SUSTAINABLE LOGISTICS AND OPERATIONS

Promoting greener logistics and warehouse operations for sustainability.

OVERVIEW

GOAL

Minimise emissions through electric vehicles and forklifts.

INITIATIVES

Courier EV Deliveries
Electric Forklift Implementation

RESULTS

Upgrade heating for efficiency and savings.

GOAL

The goal of Valley Northern’s low-emission transport initiatives is to reduce the carbon footprint of both our logistics and warehouse operations. By increasing the use of electric vehicles for deliveries and implementing electric forklifts in the warehouse, we aim to minimise emissions from external and internal operations, improve air quality, and enhance overall operational efficiency. These initiatives support our broader sustainability objectives, demonstrating our commitment to greener, cleaner, and more responsible business practices across the entire supply chain.

COURIER EV DELIVERIES

Valley Northern is committed to reducing carbon emissions from transportation by exploring sustainable delivery options. Transitioning to electric vehicles (EVs) for courier deliveries is a key part of our strategy to lower the environmental impact of logistics.

Overview

In 2025, we collaborated with our delivery partners to increase the use of electric vehicles for customer deliveries. Approximately 26% of all deliveries were carried out using EVs, significantly reducing emissions compared to traditional petrol or diesel vehicles.

Actions Taken

- Partnered with courier companies to prioritise EVs for deliveries wherever possible.
- Monitored the proportion of deliveries made by electric vehicles to track progress.
- Promoted the initiative internally and externally to highlight Valley Northern’s commitment to sustainable logistics.

Impact

- **Reduced Carbon Emissions:** A significant portion of deliveries now produces lower emissions, helping to meet sustainability targets.
- **Increased EV Adoption:** Encouraged courier partners to expand their electric vehicle fleets.
- **Positive Environmental Influence:** Supports cleaner air and contributes to overall reduction in operational environmental impact.

ELECTRIC FORKLIFTS

Valley Northern is committed to reducing emissions and improving sustainability within our warehouse operations. Replacing traditional diesel and petrol forklifts with electric models is a key step in achieving this goal.

Overview

Electric forklifts offer a cleaner, quieter, and more energy-efficient alternative for material handling. By integrating these into our warehouse operations, we aim to reduce fuel consumption, lower carbon emissions, and create a healthier working environment for staff.

Actions Taken

- Replaced diesel and petrol forklifts with electric models across our warehouse.
- Trained staff on the operation and maintenance of electric forklifts.
- Monitored energy consumption and operational efficiency to measure benefits.

Impact

- **Reduced Carbon Emissions:** Significant reduction in emissions from internal warehouse operations.
- **Improved Air Quality:** Cleaner, quieter equipment enhances the working environment.
- **Operational Efficiency:** Electric forklifts require less maintenance and offer reliable performance, supporting smoother warehouse processes.