

DOWDS

SMART METER



It's time to **Reimagine Energy**

Take control of your Energy Management

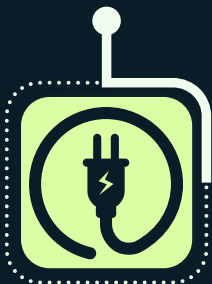
WHAT IS DOWDS SMART METER



Smart technology for multi-site energy monitoring & management.

An Automated Metering and Targeting (AM&T) system, will measure, record & track energy consumption across a range of systems and sites, to assist in targeting efficiencies, reduce energy costs and help with mandatory carbon reporting.

ELECTRICITY



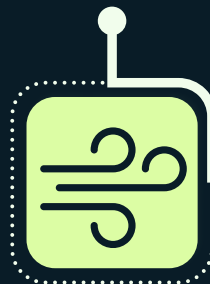
FOSSIL FUEL



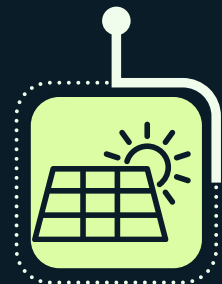
WATER



COMP AIR

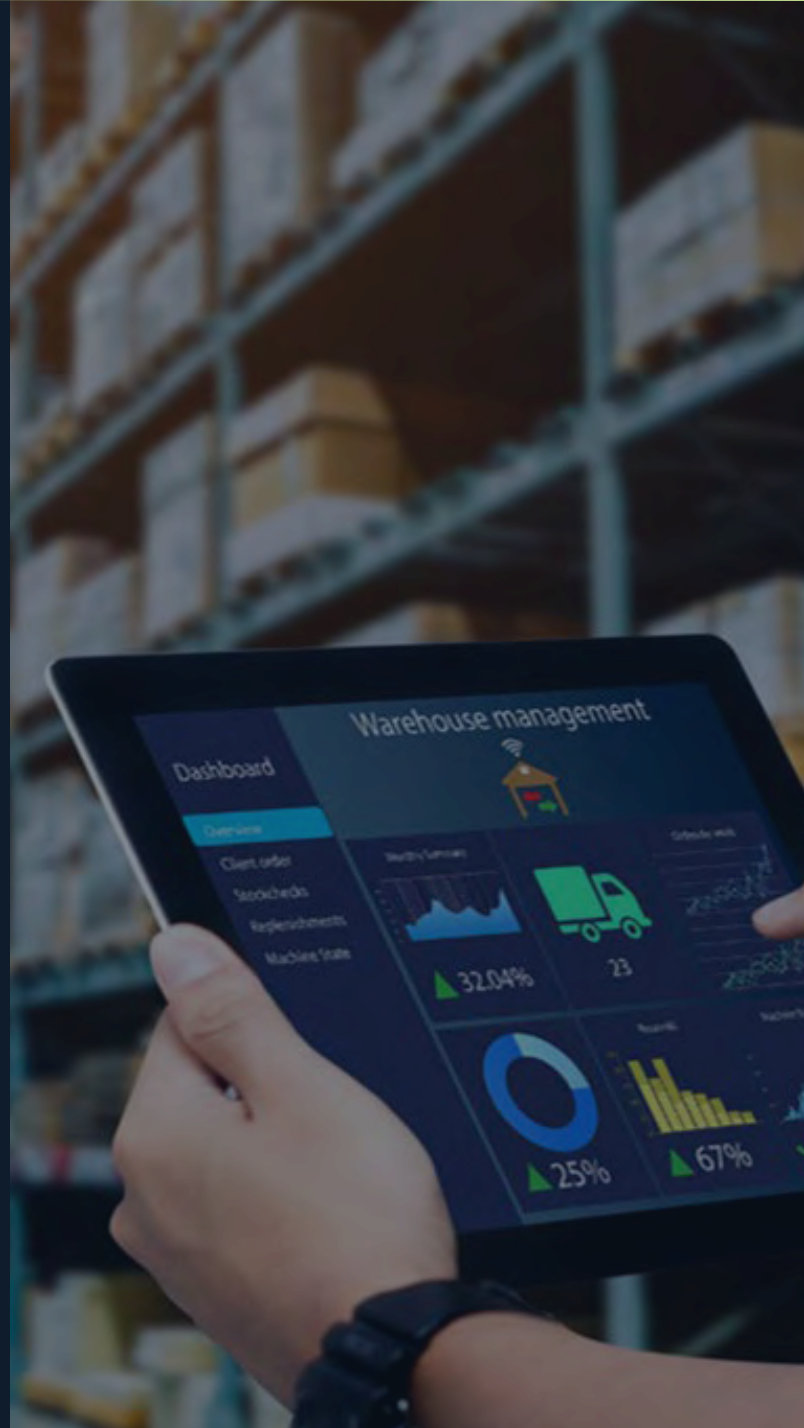


RENEWABLES



UNLOCK THE OPPORTUNITIES

- Reduce waste
- Lower operational costs
- Boost operational efficiency
- Carbon reporting
- Support Net Zero targets
- ISO 50001 Compliance
- Data Driven Decisions



OPPORTUNITIES FOR GROWTH



Competitive Advantage

Best in class sustainability initiatives

Smart Automation

Integrate data from multiple sources to provide automated outputs

Scalability

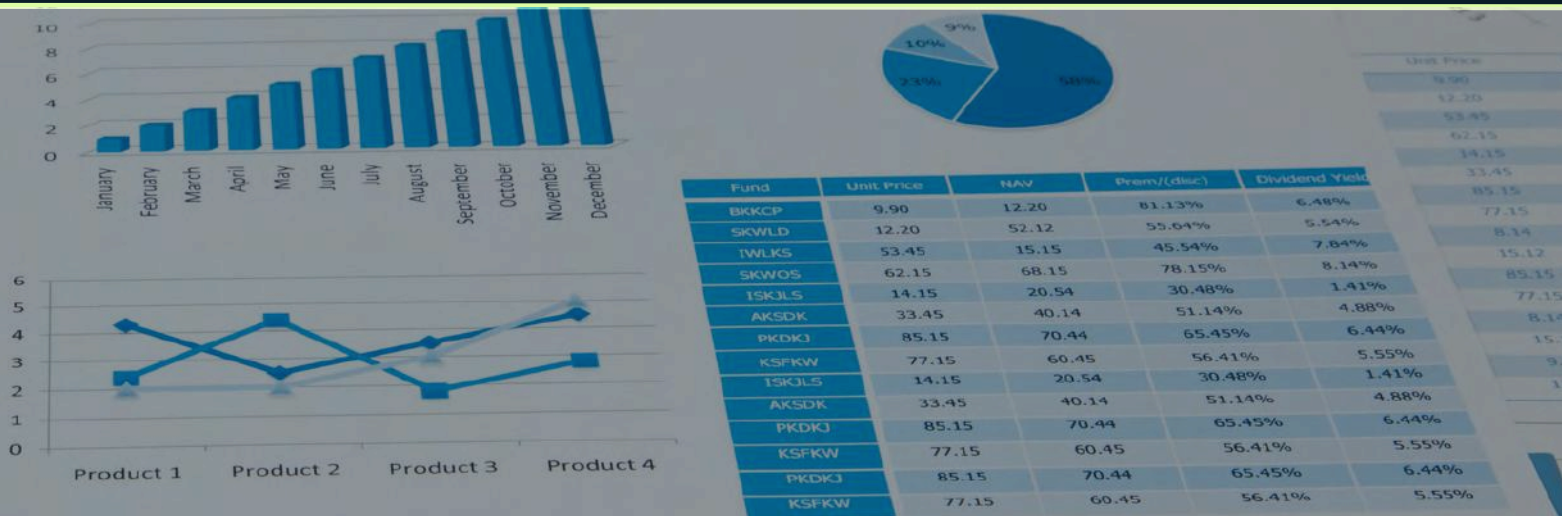
Future-proof energy strategies as business needs grow

ESG & Net Zero Alignment

Strengthen sustainability reporting



BUREAU SERVICE



YOUR DATA, OUR EXPERTISE

Unlock the full potential of *Smart Meter* data with our Bureau Service, this will be tailored to your needs and enables low cost monitoring without the staff overhead.

Support Includes:

- Analysis templates
- Report templates
- Dashboard builder
- Healthy system monitoring
- Additional training
- Benchmarking
- Contract tariff updates
- Production data configuration
- Energy management analysis

BUREAU SERVICE

All three tiers benefit from 25 hours of remote support per year on top of what is outlined in the package

BASIC

Designed for businesses equipped to actively monitor and act on energy insights. It enables tracking of usage trends, identification of peak consumption periods, detection of anomalies, and comparison across departments via league tables while also calculating associated carbon emissions to support sustainability goals.



PLUS

Builds on the core features of Meter Basic, offering advanced insights for businesses that have internal resources but would benefit from expert guidance. It includes benchmarking against site-specific metrics like production output and occupancy, cost allocation by department, sub-metering analysis, custom dashboards and reports, and biannual strategy meetings with engineering and facilities teams to drive measurable energy savings.



PRO

Ideal for companies seeking a **full-service** energy management partner. Building on all the features of Meter Plus, it adds expert-led follow-up on exception reports, project-level cost tracking, sustainability goal monitoring, financial impact assessments, daily consumption visualisations, energy bill reconciliation, monthly tariff reviews via Smart Meter and quarterly strategy meetings—perfect for businesses without the internal capacity to manage energy systems independently.



DECARBONISATION



Through our Smart Meter analysis and collaboration with your team, we identify opportunities to cut carbon and turn them into practical investment projects.

Dowds are your single service provider, offering complete design & build and maintenance packages.

Services Include:

Infrastructure
Upgrades

HVAC
Upgrades

Electrical
Services

Renewables



BA Components Cookstown

In December 2024, Smart Meter by Dowds was successfully deployed at BA Components one of Europe's premier manufacturers who supply bespoke, made-to-measure kitchen and bedroom doors to a wide range of small, medium, and large businesses. Despite having access to significant volumes of operational data, BA Components faced challenges in regularly analysing and acting on it. To address this, the company engaged our Bureau Consultancy Service in June 2025.

Results

Within just one month of collaboration, our team partnered closely with BA's operations team and uncovered a clear opportunity for savings: by updating operational strategy of dust extraction system to meet operational needs, the company was able to eliminate unnecessary energy use - resulting in savings of £30,000.

Through targeted machine monitoring, we eliminated guesswork and provided precise insights into operational costs. This single intervention demonstrated the power of Smart Meter by Dowds in enabling data-driven decision-making and immediate return on investment.



Client
BA Components

Average Yearly Savings:

Energy
159,010kWh

Carbon
32.92tCO₂e

Cost
Approx £30k



UForm, Toomebridge

In December 2024, Smart Metering by Dowds was rolled out to Uform, a grant awardee of the Smart Manufacturing Data Hub. Uform is a market-leading manufacturer and distributor of doors and accessories for the kitchen, bedroom, and furniture trade across the UK and Ireland.

The company sought to gain deeper insights into energy consumption across key production assets, with the goal of optimising shift patterns and scheduling. Installation began on Warehouse 2, with completion expected within the next two months.

After being operational for just a few weeks, the Uform team identified several air leaks in their compressors. The resulting energy and savings were remarkable.



Client
UForm

Average Yearly Savings

Cost: Approx £20K





Local NI Abattoir

In February 2025, **Smart Metering by Dowds** was installed at a local abattoir to provide detailed insights into the facility's energy consumption patterns.

After establishing a clear baseline using our software, the engineering team identified key areas for improvement and implemented a targeted carbon reduction strategy.

One major initiative involved updating the control strategy of the refrigeration system, allowing it to automatically power down during weekend shutdown periods when energy use had previously remained high.

The results have been significant. This single initiative is now saving the abattoir approximately **£22,000** annually in energy costs and reducing emissions by **24,176 kg CO₂e**.



Client
Local NI Abattoir

Average Yearly Savings

Energy: 116,766Kwh

Carbon: 24 tCO₂e

Cost: Approx £22.7K



Local NI Abattoir

As part of their ongoing carbon reduction strategy, a local abattoir partnered with us to implement Smart Metering by Dowds across their production facility.

The system's real-time energy data enabled management and engineering teams to identify high-consumption patterns and implement targeted efficiency measures.

One key initiative involved powering down factory conveyors during staff breaks and between production and clean-down cycles periods when the equipment had previously been left running unnecessarily.

The impact was immediate and measurable. While some external factors also contributed, the operational adjustment driven by insights from Smart Metering by Dowds was the primary driver, translating into annual savings of approx £52,000 and a substantial reduction in carbon emissions.



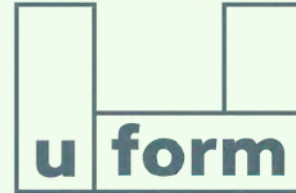
Client
Local NI Abattoir

Average Yearly Savings

Energy: 272,532KwH

Carbon: 48.24tCO₂e

Cost: Approx: £52K



*After being operational for just a few weeks, we are already seeing **multiple benefits** of the Smart Meter.*

*By monitoring the energy consumption of our air compressors, we have been able to identify a number of air leaks in the system. In monetary terms we hope to realise over **£20k annual savings** on compressed air alone! The installation team knew exactly what they needed to do and were easy to work with.*

*Generally this has been a **very positive experience** for us and we hope to continue working with Dowds Energy Solutions going forward.*

Gordon Davison

- Engineering Manager, Uform

DOWDS

SMART METER

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