

ENERGY SAVINGS FOR HOSPITALITY



Turning energy data into energy savings

UK Government* is supporting innovation to help small businesses save energy and costs

Energy suppliers are installing smart meters in businesses across Great Britain.

Smart meters unlock the potential of energy data. They can enable energy savings for consumers and are essential for the upgrade of GB's energy grid, helping to pave the way for new services and technologies and a low-carbon future.

To support the rollout of smart meters, the UK Government is funding the development of smart energy management innovations to help smaller organisations turn energy data into tailored energy saving actions.

The aim is to provide businesses with information on their energy consumption to help them:

- control and manage their energy use
- save money and reduce carbon emissions
- bring an end to estimated billing
- reduce barriers to switching

* Innovations developed as part of the Non-Domestic Smart Energy Management Innovation Competition, led by the GB Smart Metering Implementation Programme. More information can be found here: <https://www.gov.uk/government/publications/non-domestic-smart-energy-management-innovation-competition>.

How can your business benefit from smart energy management innovations?

Considerate, one of the Government innovation partners, have developed an **energy management app** aimed at SME businesses in the hospitality sector, including hotels, restaurants and pubs.

User testing of the tool has shown potential for the app to benefit hospitality organisations in a number of ways, including better understanding and control of their energy use and wider business operations:

Engaging with energy saving tips

“ I would certainly go back and look at the [energy saving] recommendations. If you click on the tip you could get further information. ”

Relating energy saving and cost to service

“ The stats are very helpful – to be able to calculate cost per food cover or per room would be very useful. The ‘potential saving’ feature as well is a good incentive. ”

Hotel chain manager
(a chain of 3 hotels in London)

Saving money and reducing environmental impact

“ I think it's a good idea, it looks like it could save you a lot of money, do good things for the business and it's good for the environment too – I do want to be more environmentally friendly. ”

Data driving decision making about the business operations

“ I like lots of data, it takes away any biases or subjective perceptions - if staff tell me one thing I can point to the data and it doesn't lie... all this data can help me with decisions, like: can we change the way we operate the kitchen? Does one menu use more than another? ”

Operational director of a pub chain
(with 6 sites in London)

To find out if your business is eligible for a smart meter, contact your energy supplier.

Government innovation partners are looking for pilot sites throughout 2019. To find out more about trialling a smart energy management innovation for businesses, please contact

smartenergymanagement@beis.gov.uk.



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How can your business benefit from smart energy management innovations?

A takeaway food business in Leicester is taking part in a trial of a web-based **energy management tool** developed by **Element Energy**, one of the Government innovation partners, and delivered to customers by **Octopus Energy**. After using the tool for a couple of months, the manager described a range of benefits from the information and recommendations provided by the tool.

Increased awareness of energy use among staff

“ The staff are now more aware of the electricity cost that this business is dependent on. Now they are more understanding of why I want to save electricity bills, and how much we can save. ”

Driving staff behaviour change

“ The staff are more careful. For example, we have a couple of small rooms out the back in the kitchen. Before they used to switch the lights on all the time, it was always on 12 hours of the day, but now they only switch them on when they are entering that bit of the building. Also, the fridges, they are more careful in closing the doors. ”

Cost savings

“ We became more concerned about electricity use, we started to switch off lights when they are not in use, and we did see that it did have a small effect on the bills. After using this, my bills have reduced by £20 a month. ”

Benefits beyond the workplace

“ When I go home again, now I become more cautious about energy use. When I go home, I can add some of the recommendations that I learnt (from the tool)...and also share (them) with my family. ”

Tailored tips and recommendations to prompt action

“ I was just basically expecting a summary of how much bills, how much energy I've used for that particular day, week or month, but it's actually a lot more than that, [the tool] is providing me with guidance and assistance on how I can reduce my electricity. ”

“ It did give me quite a few pieces of advice on how I can better reduce energy. Whether I like it or not, I may have to do some of the drastic moves. For example, changing the windows, changing machinery. They cost money, but it's in my mind now...it's always going to be there because I'm more aware of it, more cautious about it, concerned about it. ”

“ We do have a ventilation system, and I told all staff that we have to clean it more regularly, because according to [the tool], when the filters are more blocked, we tend to use more energy. ”

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