

The background is a night cityscape with numerous skyscrapers and lights. Overlaid on this are many vertical and diagonal lines of light in blue, purple, and red, suggesting data flow or digital connectivity. A large, semi-transparent teal geometric shape, consisting of several overlapping triangles and polygons, covers the left and top-left portions of the image. The text 'Know exactly what you're saving' is written in white, sans-serif font within the teal area.

Know exactly what
you're saving

drax

Electric
Assets

Risk-free savings for you

For a risk-free, fixed saving on your monthly power bill - and even more control of your energy - you can rely upon the Drax Electric Assets team.

We apply our expertise in data analysis, demand side response management and energy market trading to help you:

- Optimise your electricity consumption
- Use power more flexibly
- Save money from the first day of your contract

To do this, we find whatever flexibility we can in your operations and usage of electric assets - including any power generation facilities you have on-site.

Then, by helping you optimise when and how you operate (within the constraints you set), we can generate value for your business. This is the value we translate into your monthly saving.

"We feel good about it because we're turning off when the grid's in trouble and it's good financially for us."

David Cubitt, Managing Director, Sundown Products

Optimising your assets



We'll analyse your electric machinery, equipment and other assets then review your operations and energy usage. With your help we'll optimise what we can, when we can, to generate value for your business.

We'll deliver a fixed monthly saving that's fully integrated within your bill. You'll know the exact figure before you commit to a contract.

We're already saving customers tens of thousands of pounds, and for you it could be more. The valuation for your business will depend on your size, scale of operations, power needs and the flexibility of your assets.

Your assets assessed

Our data scientists will complete a desktop optimisation evaluation, based upon your half-hourly consumption and your industry sector. The team has created a range of sector-specific data models that provide a benchmark to compare your company against.

Before we can arrive at the fixed monthly saving figure for your business, we'll need a more detailed understanding of how you operate. Are certain activities or processes interdependent? Are they time-sensitive?

We'll look at how much power your assets need (see 'Examples of energy flexibility' on page 5) when running at full capacity. And find out when, if at all, the down-times occur.





The meetings we have with your key people, combined with our detailed data analysis, allow us to assess the flexibility of every asset within your business. With this information, we can calculate the benefits that optimisation could bring – the potential savings and revenues available. You can be confident we'll work with you to make sure there's minimal, or no, impact on the operations of your business.

By completing these assessments and sharing the results, we can give you a clear view of the fixed savings and value you can enjoy as we deliver our optimisation process.

[More details are on the following pages.](#)

Examples of energy flexibility

- Combined Heat and Power units
- Heating, drying, cooling processes
- Air separation
- Cold storage / refrigeration
- Pumps / motors
- Engines
- Self-generation – batteries, solar or wind

Flexibility in full: Assessment

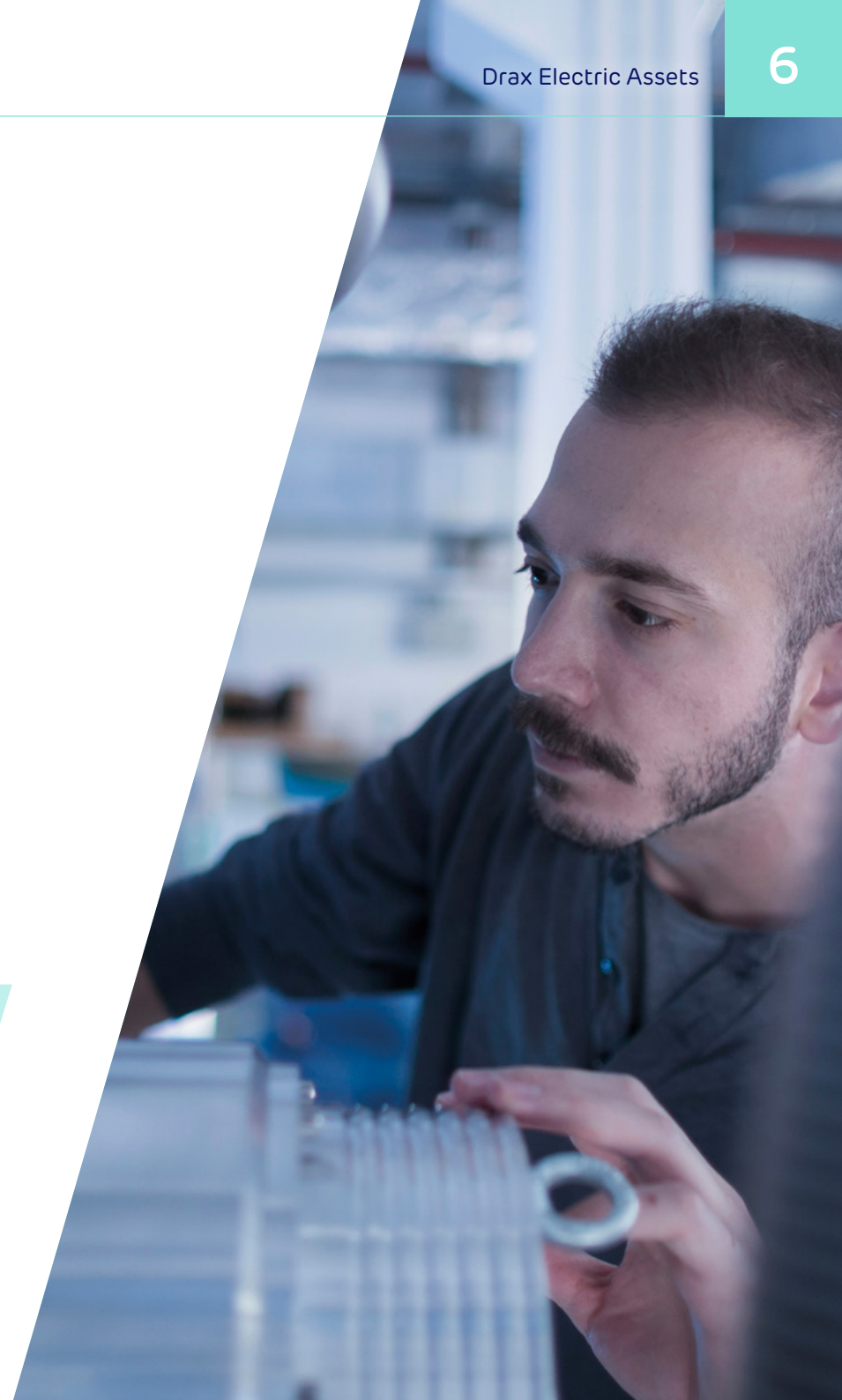
We'll work with you to assess the flexibility of your electric assets, deciding if it's possible to reduce (or change the timing of) your power usage. This means our recommended changes will have minimal - if any - impact on your business.

Our assessment could be as simple as checking the electricity usage of a specific flexible asset such as a battery or back-up generator. Or it may be more complex, hidden away, or part of a process.

In all cases, we'll seek your co-operation and permission to turn off items of machinery or other assets, or to change the timing of certain tasks. This may include actions such as turning down refrigeration or heating processes while keeping within temperature bounds.

By helping you recognise this flexibility, without it interrupting your business, we make sure you reap the financial rewards from all your business processes.

Our recommended changes will have minimal – if any – impact on your business.



Flexibility in full: Evaluation

Our flexibility assessment provides both your business and our team with a set of assets we can control together – according to the parameters and requirements we agree between us. Typically, the asset(s) chosen, and the potential value, will vary depending on these factors:



Asset type



Length of flex time



Asset size



Number of flex opportunities

We'll do all the data analysis and calculations on your behalf – with full transparency – and give you a total savings figure and a breakdown of the cost of deploying the controls.

Different types of assets are suitable for generating revenue for you in one or more ways (i.e. trading, cost avoidance, system stability). So, you'll have access to all possible savings opportunities plus all potential revenue streams - without the need for complicated additional contracts.



Flexibility in full: Control

We can install equipment that remotely connects the assets under control to a secure software platform that we can access. Because we'll receive second-by-second data from the assets, we'll be able to make optimisation decisions in real-time.

You'll always be in control of your assets and you can schedule them to be out of service at certain times, and stop a flex event before it happens. And we can even arrange for you to have manual override capability included if you want.



Flexibility in full: Billing and operation

Once we've completed these stages, we'll look to agree a contract that includes the fixed p/kWh discount.

You'll start getting the discount on your energy from the first month of the agreement. You won't even have to wait for your first optimisation event to occur, or for any reconciliation to take place.

After that, we'll begin to optimise the assets as and when needed – which will vary according to your requirements. At the end of the contract, we'll review the savings achieved (giving you full transparency on the data) and consider the options for delivering continued savings to your business.



Supporting your sustainability



As an expert in energy, Drax is perfectly positioned to support your organisation's sustainability ambitions and help you take control of your assets.

Our power station near Selby, North Yorkshire, has provided vital support to the UK energy system for over 40 years. And by converting this plant from coal-fired generation to sustainable biomass, Drax has been at the forefront of the country's move towards more sustainable renewable energy. This transformation, a world first, is Europe's largest decarbonisation project to date – and it's reduced our Group carbon emissions by over 85% since 2012.

We've proved our ability to deliver sustainability at scale, on time and to budget. Now our Drax Electric Assets team can do the same for your business.



A positive negative

Looking ahead, our ambition is to be carbon negative by 2030 – and we're developing bioenergy with carbon capture and storage (BECCS) technology to help make this a reality. One of our existing BECCS trials is capturing a tonne of carbon dioxide (CO₂) daily, and we'll be continuing the development to help deliver negative emissions to the UK.

What's more, through its customer-facing business, Drax supplies 100% renewable source power as standard. In fact, we're the UK's biggest supplier of renewable source power to businesses and organisations. This strength in renewables will become even more important as the UK energy mix continues to change and the government encourages all businesses to be net zero by 2050.

A changing energy landscape

The UK's already seeing a shift away from the traditional energy model of centralised generation and supply to a distributed and decentralised system – an emerging landscape that's creating new scenarios.

Our expertise across these three areas means we're able to support businesses by delivering innovative, effective and sustainable energy solutions.

Increased reliance on renewable generation

The low carbon, low cost options (e.g. solar, wind) are hard to forecast because they're intermittent. This also makes it harder to keep the grid in balance.

Changing demand picture

From small changes like installing LED lightbulbs to huge industrial upgrades of old equipment and backup generation, businesses are finding ways to use power more efficiently.

Innovative new technologies

As the UK looks to meet its carbon targets, new technologies will alter demand. For example, through decarbonising heat (using heat pumps) and transport (with electric vehicles).

We're helping organisations with their own renewable generation assets to maximise revenues through a range of Power Purchase Agreements, covering different renewable technologies. We're also providing end-to-end support for businesses that want to adopt electric vehicles and integrate batteries and ground source heat pumps into their operations.



Wind



Hydro



Solar



Anaerobic digestion



Drax - sustainability as standard



Drax Power Station provides 11% of the UK's renewable power, and is the largest decarbonisation project in Europe



We have partnerships with over 2,300 renewable generators across the UK



We're the UK's biggest supplier of renewable source power to businesses and organisations (measured by number of renewables certificates redeemed by suppliers)



Our bioenergy with carbon capture and storage (BECCS) trial currently captures a tonne of carbon dioxide (CO₂) daily



Our ambition is to be carbon negative by 2030

Get in touch

To discover more about our asset optimisation solutions and how we can help your business save money, contact our Drax Electric Assets experts.



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