

Net Zero Data Market

G-Cloud 15
Service Definition

January 26



Contents

1.	Service Description	1
1.1	Search datasets	1
1.2	Select an individual dataset or prebuilt bundle	1
1.3	Select dataset access type.....	1
1.3.1	One off download	1
1.3.2	On-going access	1
1.4	Select dataset region.....	1
1.5	Request a quote instantly via email.....	2
1.6	Process dataset order	2
2.	Net Zero Data	3
2.1	What is Net Zero Data?	3
2.2	Why use Net Zero Data?	3
2.3	Catalog of regularly updated datasets	4
2.4	Pricing	4
2.5	Discounts for volume purchases.....	5
2.6	How to order.....	5
3.	Onboarding and Offboarding Service	6
3.1	Getting started	6
3.2	Contract renewal.....	6
3.3	End-of-contract data extraction.....	6
3.4	End-of-contract process	6
4.	GDPR Compliance.....	7
5.	Information Security Competence	8
5.1	ISO compliance	8
5.2	Risk.....	8
5.2.1	IRM	8
5.2.2	Mimecast Data Leak Prevention	8
6.	Credentials	9

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1. Service Description

If you select [Net Zero Data Market](#) you will be granted access to a cloud-based dataset search engine that enables users to find high quality, ready-to-use data developed by Energy Systems Catapult providing actionable insights when delivering Net Zero projects - saving time, resource and effort in planning and delivery.

1.1 Search datasets

Built on Salesforce Commerce Cloud, [Net Zero Data Market](#) allows users to search and explore our low-cost, region specific, regularly updated datasets, designed to help public bodies deliver Net Zero projects faster.

1.2 Select an individual dataset or prebuilt bundle

Net Zero Data can be purchased as a single dataset or as a prebuilt bundle based on project types. Visit [Net Zero Data Market](#) to see datasets and bundles.

1.3 Select dataset access type

[Net Zero Data Market](#) offers users a choice of data formats to suit your needs and budget.

1.3.1 One off download

- Area wide, snapshot in time
- Download your purchased snapshot data as many times as you like
- Dataset file formats compatible with GIS and analytical programs

1.3.2 On-going access

- 24/7 access to latest data for one year from data of purchase
- Download up to date data file as many times as you like
- On-going updates and improvements
- Dataset file formats compatible with GIS and analytical programs

1.4 Select dataset region

Our datasets have been built to cover the whole of GB, you just need to select the local authority area you need data for.

- Local authority area (County or combined, district or unitary authority or borough)

1.5 Request a quote instantly via email

Once you have selected the data you need, you can request an instant quote that will be sent to you via email, so you and your procurement team know the exact cost of the service and can be used for quote comparison processes if needed.

1.6 Process dataset order

When you are ready to proceed to order, you can do so online at [Net Zero Data Market](#). You will receive access links to your data and an invoice for payment via email.

2. Net Zero Data

2.1 What is Net Zero Data?

Energy Systems Catapult has developed a comprehensive suite of high-quality datasets, drawing on over 30 years of expertise, to provide local authorities, network operators, and renewable technology installers with unparalleled insights into developing Net Zero technology projects, that open data alone cannot.

Covering GB-wide local authority regions, Net Zero Data offers ready-to-use, regularly updated information, minimising resource overheads.

Enabling targeted decision-making by identifying existing energy assets, pinpointing potential Net Zero project locations, and streamlining project design and delivery.

These datasets are not a replacement for a Local Area Energy Plan or a masterplan. They are the next level of detail and are intended to be used when you are planning the detailed projects to deliver against your plan and achieve your net zero targets. You will still need a site survey before commencing installation works.

2.2 Why use Net Zero Data?

Data access: Public body project officers tell us that accessing data is one of the key reasons they are struggling to make progress with their Net Zero projects.

Available data & quality: Officers don't always know what data is available or where it is located, its quality or it just doesn't exist for their area.

Procurement of bespoke data is a slow process and often not reusable.

Open data is in 10s of locations and needs to be downloaded & potentially cleaned every time there's an update, requiring resources to collate, process and validate the data. Open data only gives part of the information required to plan idea project locations.

Datasets are accessed via numerous different software platforms so can't be analysed holistically.

Many public bodies only have small budgets and lack resource for this type of purchase.

2.3 Catalog of regularly updated datasets

CATEGORY	DATASET
Buildings & Energy	EPC Actual & Inferred - Domestic
	Modelled Energy Demand for Domestic Buildings
	Modelled Energy Demand for Non-Domestic Buildings
Potential for: Renewables & Storage	Potential Locations for Large Scale On Shore Wind Generation
	Potential Locations for Ground Mount Solar PV Generation
	Solar PV & Thermal Potential for Domestic Buildings
	Solar PV Potential for Non-Domestic Buildings
Potential for: Heat	Air Source Heat Pump Potential for Domestic Buildings
	Air Source Heat Pump Potential for Non-Domestic Buildings
	Ground Source Heat Pump Potential for Domestic Buildings
	Ground Source Heat Pump Potential for Non-Domestic Buildings
Potential for: Transport	Potential Locations for On Street Charging
	Potential Locations for Solar Carports
	Existing Public EV Charge Point Locations
	Off Street Parking Potential for Domestic Buildings
	Potential Locations for EV Charging Hubs
Bundles	Baseline Bundle
	Solar Opportunities Bundle
	Non Domestic Decarbonisation Bundle
	Energy Demand for Domestic & Non Domestic Buildings Bundle
	Potential for Heat Solutions
	Full Package Bundle
	Potential for Transport Solutions Bundle
	Domestic Building Decarbonisation Bundle
	Low Carbon Technology Bundle

New datasets and bundles will be added to [Net Zero Data Market](#) as they become available.

2.4 Pricing

We offer public sector discounts on our datasets and bundles.

Pricing depends on the access frequency required. Starting prices are shown in our GCloud pricing guide but visit [Net Zero Data Market](#) for full information on pricing and datasets.

2.5 Discounts for volume purchases

Net Zero Data datasets are available at a discounted rate when you purchase for 5 or more local authority areas.

Dataset bundles are based around data for certain project types, and bundles are also offered at discount prices.

2.6 How to order

Ordering is simple, contact us at netzeromarket@es.catapult.org.uk and once the call off contract is signed you can register on [Net Zero Data Market](#) to process your order online.

3. Onboarding and Offboarding Service

3.1 Getting started

To get started on using [Net Zero Data Market](#): -

- A web link is provided to customers to the registration page
- Once the registration form is completed, customers will receive a link via email to set a password
- Once a password has been set, customers are free to search [Net Zero Data Market](#) for the datasets they need
- Our Customer Service Team offer email assistance as required

3.2 Contract renewal

On expiry of the initial period, terms shall automatically expire unless you pay the fee for the Services for a further twelve-month period (a "Renewal Term"). This process shall repeat at the end of each Renewal Term. Customers can renew data access for a further 12-month period by contacting us at netzeromarket@es.catapult.org.uk.

3.3 End-of-contract data extraction

If the contract isn't renewed and therefore ends, the access to data will terminate. Within five years of this date (in accordance with our Retention and Deletion Policy) all data relating to the customer will be removed. A Certificate of Destruction Certificate can be issued upon request.

3.4 End-of-contract process

Following contract termination, customer personal data is retained in line with our GDPR policies. No other user data is captured.

4. GDPR Compliance

The Catapult is committed to complying with our responsibilities under UK Data Protection legislation and, where appropriate, to identify and follow best practice. The Catapult takes its Data Protection responsibilities seriously and will handle personal information in accordance with the UK General Data Protection Regulation (GDPR), The Data Protection Act 2018, related legislation, and best practice.

5. Information Security Competence

5.1 ISO compliance

[Net Zero Data Market](#) is hosted on WP Engine, which is securely managed and is covered by ISO 27001:2022 and SOC 2 Type II certification.

5.2 Risk

The practices we have adopted to secure the Cyber Essentials standard, alongside our commitment to working in line with ISO27001, ensure the Catapult effectively manages any data security risks. The Catapult utilises Information Rights Management (IRM) and Data Leak Prevention to mitigate risks.

5.2.1 IRM

A form of IT security technology used to protect documents containing sensitive information from unauthorized access. Users can mark items as Confidential, which then prevents email forwarding and controls information leaving network in an insecure manner.

5.2.2 Mimecast Data Leak Prevention

Part of Mimecast's comprehensive suite of cloud-based solutions for managing email more effectively and securely. Mimecast's data loss prevention solution scans all email and file attachments and identifies potential leaks using flexible policies based on keywords, file hashes, pattern matching and dictionaries. Emails containing suspected leaks may be blocked, quarantined for review, or sent via Mimecast's Secure Messaging portal.

These security measures aim to both prevent and reduce the risk of an electronic/digital information security incident occurring.

In addition, information is stored for projects only for as long as necessary, in line with the Catapult's Data Retention policy.

6. Credentials

Energy Systems Catapult is proud to hold the following accreditations and memberships at a company level:

- Cyber Essentials
- Achilles Utilities Vendor Database (UVDB) – Silver Plus Accredited (00042492)
- Market Research Society
- Energy Innovation Centre Ltd
- Energy Research Partnership
- Policy Connect Ltd
- PRASEG Limited
- Regen SW Innovation Centre
- Sustainability West Midlands
- Tech UK
- Institute of Engineering and Technology - Network Enterprise Membership

Energy Systems Catapult is an independent research and technology organisation. Our mission is to accelerate Net Zero energy innovation.

Launched in 2015 by Innovate UK, the Catapult has built a team of more than 250 people, with a range of technical, engineering, consumer, commercial, incubation, digital, and policy expertise. They draw on sector-leading test facilities, modelling tools, and data collected from our back catalogue of more than 500 research projects.

We use that 'whole energy' system capability to support innovative companies -- small and large -- to test, trial and scale their new products and services. Our impact comes when those innovators attract new customers, new investment, and new grants so they can thrive in the future energy system.

Based in Birmingham, Energy Systems Catapult is part of a network of nine world-leading technology and innovation centres, established by Innovate UK. The Catapult Network fosters collaboration between industry, government, research organisations, academia, and many others to transform great ideas into valuable products and services.

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