United Kingdom With Utility Data

Copyright

All copyright and other rights in this manual and the licensed programs described in this manual are the property of Experian Ltd save for copyright in data in respect of which the copyright belongs to the relevant data provider.

No part of this manual may be copied, reproduced, translated or reduced to any electronic medium or machine readable form without the written consent of Experian Ltd.

Microsoft, Word and Windows are trademarks of Microsoft Corporation.

© Experian Ltd. 2018

Contacts and Support

For resolutions to common issues, answers to frequently asked questions and hints and tips for using our products:

www.edq.com/documentation/contact-support/

For information about data expiry, data vintage and how to keep your data up to date:

www.edq.com/documentation/data

For more information about us and to get in touch:

www.edq.com

Revision 1, January 2018

Contents

Introduction

Utility Data Information

This guide provides an overview of the United Kingdom Utility Additional Datasets, GBR Gas and GBR Electricity.

For general information about the United Kingdom (GBR Address) data, see the United Kingdom Data Guide. For information about a specific Addtional Dataset, see the relevant Additional Data Guide.

You must have the GBR Address Dataset installed to use the GBR Gas and GBR Electricity Additional Datasets.

GBR Gas Additional Dataset

Dataset Code:	GBRGAS
Filenames:	gbrgas.ads, gbrgas.zlx, and gbrgas.kfx
Approximate Data Size:	1.0GB
Data Source:	Utility companies together with PAF
Update Frequency:	Monthly
Expiry:	Data files will expire 8 months after creation. For example, March data will expire in November of the same year. Ensure every data update is applied promptly, otherwise the data may expire and the product will become unusable.

GBR Electricity Additional Dataset

Dataset Code:	GBRELC
Filenames:	gbrelc.ads, gbrelc.zlx, and gbrelc.kfx
Approximate Data Size:	1.5GB
Data Source:	Utility companies together with PAF
Update Frequency:	Monthly
Expiry:	Data files will expire 8 months after creation. For example, March data will expire in November of the same year. Ensure every data update is applied promptly, otherwise the data may expire and the product will become unusable.

The Gas and Electicity Additional Datasets contain gas and electricity meter number data. Each gas and electricity meter has a unique meter number. It is possible for one property to have more than one meter, in which case multiple meter numbers can be returned as DataPlus.

Gas details are registered with the National Grid Gas Network, and electricity details are registered with Public Electricity Suppliers (PES). The data contains meter number and address information, which may differ from those in PAF. Experian sources the gas and electricity data from the suppliers and combines their data with the PAF address data. The original Supply Address, as it is in the suppliers' data, can be returned as DataPlus.

List Of Available Data Files

File Name	File Type	Comment
.ads	Additional Dataset	Contains Additional Dataset information. Must be used in conjunction with a .dts file.
.dap	DataPlus Set	Contains DataPlus information. See page 6 for more information about the available DataPlus sets.
.tpx	Typedown Index File	Indexing information for use with Typedown searching.
.zlb	Single Line Index File for Batch	Indexing information for use with Single Line searching within Batch.
.zlx	Single Line Index File	Indexing information for use with Single Line searching.

About This Data

Area Covered

The Utility Data Additional Dataset contains information for addresses in the following areas:

Name of Dataset	England	Scotland	Wales	N. Ireland	Isle of Man	Channel Islands
GBR Gas	√	√	√	√		
GBR Electricity	√	√	√	√		

About DataPlus Information

You can configure your Experian products to use any of the available DataPlus sets that are available for GBR Address data and the GBR Utility Data Additional Dataset. Please refer to the relevant section of the product documentation for information on configuring Experian products to return DataPlus information.

Each DataPlus set (.dap) is divided into one or more items. Experian products can be configured to return these items via the Configuration Editor (using the element name) or the configuration file (using the code name). This section details the DataPlus sets currently available for GBR Gas and Electricity Additional Datasets.

In addition to these DataPlus sets, GBR Utility Data can also use the DataPlus sets that are available for GBR Address data. See the GBR Data Guide for details of these.

DataPlus Sets for GBR Gas Data

The following DataPlus sets are available with GBR Gas data:

- Gas Supply Address
- Gas Meter Number
- Gas PAF Match Quality
- Gas Extended

GBR Gas Supply Address

Identifier: GBRGSA

The GBRGSA DataPlus set returns the official supply address provided to Experian. The following DataPlus elements are available:

Element	Code	Example
Gas Sub Building	SubBld	Flat 324
Gas Building Name	BldName	Lexington Building
Gas Delivery Point Alias	DelPntAlias	
Gas Building Number	BldNum	7
Gas Dependent Street	DepSt	Roman Road
Gas Principal Street	PrinSt	Fairfield Road
Gas Double Dependent Locality	DDepLoc	Thomastown
Gas Dependent Locality	DepLoc	Porth
Gas Posttown	PTown	London
Gas County	Cnty	Surrey
Gas Outcode	OCode	SE7
Gas Incode	ICode	2UR

GBR Gas Meter Number

Identifier: GBRGMN

The GBRGMN DataPlus set returns a unique Gas Meter Point Reference Number (MPRN) for a property. If a property has more than one meter number, it returns more than one MPRN, separated by a "|" delimiter. It is possible to change the delimiter by directly modifying the configuration file.

For more information about how the multiple meter numbers are displayed, see the product documentation.

Element	Code	Example
Gas M-Number	MNum	This is the meter number; for example, 33156874908.
Gas Meter Serial Number	MSerialNum	This is the meter serial number. The value can be alphanumeric and up to 14 digits in length; for example, 00469635.
Gas Large Site Number	MLargeSiteNum	This indicates if the site is large. The value can either be Y (yes) or <blank> (no).
Gas Distributor Name	DistName	This is the name of the distributor of Gas; for example, Transco.

Gas PAF Match Quality

Identifier: GBRQAL

The GBRQAL DataPlus set returns a quality assessment of the match made for a given address between the PAF data and the raw GBRGAS data supplied to Experian. The more confident Experian is in the match between the raw data supplied and the PAF address data, the better the match quality that is returned.

Element	Code	Example	
PAF Quality of Address	Address	0	Full postal address match.
		1	Exact organisation and full postal address match.
		2	Close organisation and full postal address match.
		3	Full premise-level match - additional organisation or sub-premise information exists on PAF.
		4	Partial premise level match - non-PAF sub-premise information added.
		5	Street level match - non-PAF premise information added.
		6	Place level match - non-PAF premise and street information added.
		9	Unmatched
PAF Quality of Postcode	Postcode	0	Postal code match.
		1	Postal code added.

Gas Extended

Identifier: GBRGEX

The Gas Extended DataPlus set contains additional information which you can use to enhance your addresses.

Element	Code	Example	
Site Annual Quantity	AnnualQuantity	The value is a 10-digit number, or blank.	
LDZ Code	LDZ	The value can be:	
		SC	Scotland
		LC	Scotland
		LO	Scotland
		LS	Scotland
		LT	Scotland
		LW	Scotland
		NW	North West
		NO	Northern
		NE	North East
		EA	Eastern
		EM	East Midlands
		WM	West Midlands
		WS	Wales South
		SW	South West
		SO	Southern
		SE	South-Eastern
		NT	North Thames
Region	Region	The value can be: - Scotland - North West - North of England - East of England - West Midlands - Wales and the West - South of England - London	

Element	Code	Example
Transporter	Transporter	Independent Gas Transporter name. The value is a 3-character code. The value can be: • ADL • BGC • ELK • EMP • ESP • FPL • GPL • GUC • HPN • SEP
Meter Asset Manager ID	AssetManagerID	The value is a 3-character code.
Gas Act Owner	GasActOwner	The party responsible for making sure the meter complies with the Gas act. The value can be:

		S	Supplier
		T	Transporter
		[blank]	Consumer

Element	Code	Example
Meter Point Status	MeterPointStatus	Meter point status.
Designation	Designation	The value is D (domestic) or I (industrial)

DataPlus Sets for GBR Electricity Data

The following DataPlus sets are available with the GBR Electricity Data:

- Electricity Supply Address
- Electricity Meter Number
- Electricity PAF Match Quality
- Electricity Extended

GBR Electricity Supply Address

Identifier: GBRESA

The GBRESA DataPlus set returns the official supply address provided to Experian. The following DataPlus elements are available:

Element	Code	Example
Electricity Address Line 1	AddrLine1	Flat 324
Electricity Address Line 2	AddrLine2	7 Lexington Building
Electricity Address Line 3	AddrLine3	
Electricity Address Line 4	AddrLine4	Roman Road
Electricity Address Line 5	AddrLine5	Fairfield Road
Electricity Address Line 6	AddrLine6	Thomastown
Electricity Address Line 7	AddrLine7	Porth
Electricity Address Line 8	AddrLine8	London
Electricity Address Line 9	AddrLine9	Essex
Electricity Postcode	PCode	E4 1JT

GBR Electricity Meter Number

Identifier: GBREMN

The GBREMN DataPlus set returns a unique Electricity Meter Point Administration Number (MPAN) for a property. If a property has more than one meter number, it returns more than one MPAN, separated by a "|" delimiter. It is possible to change the delimiter by directly modifying the configuration file.

For more information about how the multiple meter numbers are displayed, see the product documentation.

Element	Code	Description
Electricity M-Number	MNum	This is the electricity meter number. The value can be up to 21 digits in length; for example, 1200038480420.
Electricity Meter Serial Number	MSerialNum	This is the meter serial number. The value is a string consisting of up to 13 alphanumeric characters; for example, Z04FC04078.

Element	Code	Description	
Electricity Meter Type	MType	This indicates the meter type. It can have the following values:	
		CHECK	Check
		H	Half Hourly
		K	Key
		LAG_	Lag
		LEAD_	Lead
		MAIN_	Main
		N	Non-Half Hourly
		NCAMR	Non-remotely Configurable Automated Meter Reading
		NSS	A meter that meets the definition of an ADM but is not compliant with any version of SMETS
		RCAMR	Remotely Configurable Automated Meter Reading
		RCAMY	Remotely Configurable Automated Meter Reading with remote enable/disable capability
		S	Smartcard Prepayment
		S1	A meter that is compliant with the SMETS Version 1.0
		S2A	A single element meter that is compliant with the SMETS V2.0
		S2B	A twin element meter that is compliant with the SMETS V2.0
		S2C	A polyphase meter that is compliant with the SMETS V2.0
		S2AD	A single element meter with one or more ALCS that is compliant with the SMETS V2.0
		S2BD	A twin element meter with one or more ALCS that is compliant with the SMETS V2.0
		S2CD	A polyphase meter with one or more ALCS that is compliant with the SMETS V2.0
		S2ADE	Single element meter with one or more ALCS and Boost Function that is compliant with the SMETS V2.0
		S2BDE	A twin element meter with one or more ALCS and Boost Function that is compliant with the SMETS V2.0
		S2CDE	A polyphase meter with one or more ALCS and Boost Function that is compliant with the SMETS V2.0
		SPECL	Special
		T	Token
Electricity Distributor Name	DistName	This is the name of the Electricity distributor.	

Electricity PAF Match Quality

Identifier: GBRQAL

The GBRQAL DataPlus set returns a quality assessment of the match made for a given address between the PAF data and the raw GBRELC data supplied to Experian. The more confident Experian is in the match between the raw data supplied and the PAF address data, the better the match quality that will be returned.

Element	Code	Description	
PAF Quality of Address	Address	0	Full postal address match.
		1	Exact organisation and full postal address match.
		2	Close organisation and full postal address match.
		3	Full premise-level match - additional organisation or sub-premise information exists on PAF.
		4	Partial premise level match - non-PAF sub-premise information added.
		5	Street level match - non-PAF premise information added.
		6	Place level match - non-PAF premise and street information added.
		9	Unmatched
PAF Quality of Postcode	Postcode	0	Postal code match.
		1	Postal code added.

Electricity Extended

Identifier: GBREEX

The Electricity Extended DataPlus set contains additional information which you can use to enhance your addresses.

Element	Code	Description	
GSP Group ID	GSPGroupID	Grid Supply Point. The value can be:	
		_A	Eastern
		_B	East Midlands
		_C	London
		_D	Merseyside and North Wales
		_E	Midlands
		_F	Northern
		_G	North Western
		_H	Southern
		_J	South Eastern
		_K	South Wales
		_L	South Western
		_M	Yorkshire
		_N	South Scotland
		_P	North Scotland
Profile Class	ProfileClass	The value is a 2-digit number.	
Timeswitch code	TimeswitchCode	The value is a 3-digit number.	
Standard Settlement Class	SettlementClass	The value is a 4-digit number.	
Line Loss Factor	LineLoss	The value is a 3-digit number.	
Energisation Status	EnergisationStatus	The value is D (dead) or E (energised)	
Energisation Status Effective From Date	EnergisationDate	The date from which the status field was valid.	

Element	Code	Description	
Installing Supplier MPID	InstallerID	The value is a 4-character code. The value can be:	
		Eastern	EELC
		East Midlands	EMEB
		London	LOND
		Merseyside and North Wales	MANW
		Midlands	MIDE
		Northern	NEEB
		North Western	NORW
		Southern	SOUT
		South Eastern	SEEB
		South Wales	SWAE
		South Western	SWEB
		Yorkshire	YELG
		South Scotland	SPOW
		North Scotland	HYDE
DCC Service Flag	DCCServFlag	A DCC provided flag to indicate the status of the services being provided by the DCC to a Metering Point. The value is a 1-character code. The value can be:	
		A	Active
		S	Suspended
		W	Withdrawn
		Blank or null	
SMSO MPID	SMSOID	Smart Metering System Service Operator. The value is a 4-character code. The value can be:	
		DCCO	If SMETS version is 'SMETS2'
		ACCU	if SMETS version is 'SMETS1'
		BGAS	
		HPES	
		LCMG	
		SMLU	
		Blank or null	

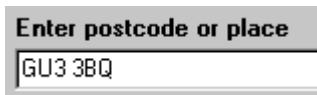| Element	Code	Description
IHD Status	IHDStatus	In Home Display (IHD) Install Status Information from the Supplier regarding the In Home Display at a metering point.
		The value is a 1-character code. The value can be:
		I Installed
		D Declined
		E Existing
		Blank or null
SMETS Version	SMETSVersion	Indicates the Supplier's view of the SMETS version of a smart meter. The value can be:
		SMETS1
		SMETS
		NONE
		Blank or null
Measurement Class	MeasurementClass	Unique identifier for the measurement classification of Metering System. Measurement Class determines how the power values for a Metering System are to be aggregated.
		The value is **A**, **B**, **C**, **D**, **E**, **F** or **G**.
Green Deal Plan Currently In Effect	GreenDealPlan	Identifies whether or not a customer has a Green Deal Plan. The value is **Yes** or **No**.

Using This Data

This section provides tips for searching on Gas and Electricity meter numbers when using Pro and Batch.

> These searches are accurate at the time of data release. However, search results may differ depending on the data release you are using.

With Pro

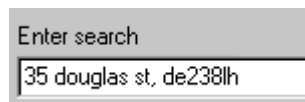> The Utility datasets can only be used with Pro v6 or later.

Search Examples: Typedown

Enter postcode or place
GU3 3BQ

Typedown searching with Utility data works in the same way as with GBR data. For Typedown search examples, see the GBR Data Guide.

Search Examples: Single Line

Enter search
35 douglas st, de238lh

Single Line searching with Utility data works in the same way as with GBR data. For Single Line search examples, see the GBR Data Guide.

Search Examples: Key Searching

Enter Keyfinder Search
3316874908

You can search on Gas and Electricity meter numbers and meter serial numbers using Key Searching.

The following table provides a list of these example types:

- Searching on Gas meter number
- Searching on Electricity meter serial number

Search Type	Example
Searching on a gas meter number	1. Type in the gas meter number, **2481849308**, and press **Enter**. 2. Only one address matching the number is returned in the picklist. Press **Enter** to select the address. 3. The correct address is returned: 6 Valley View Highley BRIDGNORTH Shropshire WV16 6EF
Searching on an electricity meter serial number	1. Type in the electricity meter serial number, **K75G06557**, and press **Enter**. 2. Only one address matching the number is returned in the picklist. Press **Enter** to select the address. 3. The correct address is returned: 5 Horse Street Chipping Sodbury BRISTOL BS37 6DA

With Pro Web

Scenarios

The following table indicates the relevant search examples for each Pro Web scenario and search engine that supports GBR Gas and Electricity data.

Scenario	Search Engine	For search examples, see:
Web: Address Capture	Single Line flattened	Single Line search examples in the GBR Data Guide.
Web: Address Verification	Verification	Verification search examples in the GBR Data Guide.
Web: Key Search	Keyfinder	Key Searching examples on page 18.
Intranet: Rapid Addressing – Standard	Typedown Single Line hierarchical	Typedown and Single Line search examples in the GBR Data Guide.
Intranet: Rapid Addressing – Single Line	Single Line hierarchical	Single Line search examples in the GBR Data Guide.
Intranet: Rapid Addressing – Bulk Processing	Verification	Bulk Processing search example in the GBR Data Guide.

Search Examples: Verification

Verification searching with Utility data works in the same way as with GBR data. For Verification search examples, see the GBR Data Guide.

Search Example: Bulk Processing

Bulk searching with Utility data works in the same way as with GBR data. For Bulk Processing search examples, see the GBR Data Guide.

With Batch

> The Utility datasets can only be used with Batch v6 or later.

This section details the information relevant to using Batch with the Gas and Electricity datasets.

If your database contains gas or electricity meter numbers or meter serial numbers, and you have United Kingdom with Gas or Electricity data, Batch can use this extra information to increase the likelihood of obtaining a match. In order for Batch to be able to use the gas or electricity meter numbers or meter serial numbers for verification, you must specify which input fields contain this information.

In Standalone, you can specify which fields contain meter number or meter serial number information on the Select Input Fields dialog of the Configuration Wizard. The input fields for Gas and Electricity data are listed on page 21. See the Batch Help or the Batch User Guide supplied with your product for more information on specifying input fields.

API users need to specify the relevant elements codes using the `InputLineN` setting in the relevant layout in QAWORLD.INI. The elements are listed under "Dataset-Specific Input Field Types" on page 21. See the Batch API documentation for more information about configuration settings.

Batch can output the meter numbers and meter serial numbers that it matches. However, this will result in the loss of your original meter number information in cases where Batch finds a good address but fails to match the meter number or meter serial number. For this reason it is strongly recommended that you do not attempt to overwrite your existing information with Batch's output. By default Batch will not include meter number or meter serial number information in its output.

Dataset-Specific Input Field Types

When you are configuring a Batch session, you can specify the address elements which are contained in your input fields. This can speed up the cleaning process as Batch does not have to work out which address element is contained within a field.

The following table describes the input fields that you can specify for GBR Gas and Electricity data, and the address elements Batch will expect for each. The field types are available from the Set Field Type drop-down menu in the Select Input Fields dialog of the Batch Configuration Wizard. The equivalent element codes for use with the `InputLineN` setting in Batch API are also provided

Input Field Type	Element Code	Expected Address Element
Gas Meter Number	K11	Gas Meter Number
Electricity Meter Number	K12	Electricity Meter Number

Extended Dataset Information Bits

For any given record, Batch uses dataset-specific information bits (see "Dataset-Specific Information Bits" in the GBR Data Guide) to provide information on how well it has matched any names that were supplied. In addition to these, when using the GBR Gas and Electricity data, a selection of extended dataset-specific information bits can be returned. Refer to the main Batch documentation for more information on matching rules and information bits.

- For Standalone users, the extended dataset information bits are returned as the second 8 digits of the 16-digit extended match result as displayed in Interactive.

- For API users, these are returned by the function **QABatchWV_GetMatchInfo** as parameter *rlCountryInfo2*, and from the function **QABatchWV_Clean** in the parameter *rsReturnCode* from the 21st to 28th characters. See the Batch manual for further information about these functions.

The following table provides a full list of extended dataset-specific information bits that can be returned.

Information Bit	Description
00001000	Electricity Meter Number has been verified.
00002000	Gas Meter Number has been verified.

Search Examples: Batch Interactive

For information about the best methods for searching on United Kingdom With Utility data using Batch Interactive please refer to "Search Examples: Typedown" on page 18, "Search Examples: Single Line" on page 18, and "Search Examples: Key Searching" on page 18.