

Annex C – Energy Market Data Specification

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Consultation Question

Question C1: Do any of the proposed changes to the TI data items or market messages, baselined in the May 2026 Government Response to the November 2025 consultation, introduce any defects, inconsistencies or blockers that could prevent the successful implementation of TI Phase 1a? If yes, please describe the issue and the change needed.

Introduction

1. This annex describes the proposed changes to the Data Item Catalogue and the Market Message Catalogue that are required for TI Phase 1a. It sets out the changes that were baselined in the May 2026 Government Response to the November 2025 consultation ('May 2026 baseline') and highlights any updates to the May 2026 baseline in red so that they can be more easily identified.
2. The Data Item Catalogue and the Market Message Catalogue are part of the Energy Market Data Specification (EMDS). The EMDS provides a central repository for the data items and market messages used across the energy market. Updates to the EMDS are controlled through defined industry code change management arrangements with each data item and market message having a defined code owner. The REC is the code owner with change management responsibility for the new TI related data items and market messages.

3. Reviewers with a primary interest in data governance should start their review here.

Updates to the May 2026 baseline

4. The TI Phase 1a changes to the Data Item Catalogue and the Market Message Catalogue were baselined in May 2026. The following enhancements have been made to the baseline following industry engagement, detailed technical review and pilot testing activity with industry volunteers:
 - a. Add information in the 'Data Item Notes' column to five existing Data Items to clarify the YAML name that is used in the TI API Technical Specification for TI Arrangements purposes only. As these are existing Data Items, the Data Item name may already be used as the YAML name or there may be an existing YAML name for switching or MHHS related purposes and this existing Data Item/YAML name is in a different format to that used for TI (e.g. *supplierMpid* is the YAML name used for switching and *supplier_mpid* is the format used for TI). This change is being made to ensure that we adopt best practice to use a common YAML format for data items across the TI API. The convention *abcd_xyz* is considered to be a highly readable format for use by TI Energy Suppliers and TI Users in the TI API and their in-house development of associated tariff database schemas. RECCo will consider a change to the EMDS to allow different YAML names to be recorded for Data Items so that they can be applied to different use cases. The five impacted Data Items are:
 - i. DI90061 – supplierMpid (TI YAML name *supplier_mpid*),
 - ii. DI90033 – meteringPointEnergyFlow (TI YAML name *metering_point_energy_flow*),
 - iii. DI90027 – fuelType (TI YAML name *fuel_type*),
 - iv. DI50230 – Meter Type (existing YAML name *meterType*, TI YAML name *meter_type*), and
 - v. DI50028 – GSP Group Id (existing YAML name *GSPGroupID*, TI YAML name *gsp_group_id*). As GSP Group Id is a BSC owned data item, RECCo will raise a BSC Change Proposal with the aim that it is implemented ahead of TI Phase1a go-live in February 2027.
 - b. Update 'Item Description' for Data Item DIYYY19 – Sellable To. The description has been updated to improve clarity and now reads 'The datetime from when a specific tariff will no longer be, or was no longer, available to Customers'.
 - c. Update Decimal Length for Data Item DIYYY44 – Company Legal Name. The May 2026 baseline incorrectly recorded a decimal length of 200. As this Data Item is

the name of a company, it does not require a decimal length. It has therefore been amended to '0'.

- d. Update the YAML Name for Data Item DIYYY24 – LDZ Region. The May 2026 baseline for the EMDS recorded this as *ldz_regions*. As the YAML Name was applied inconsistently in the TI API Technical Specification (it was referred to as both *ldz_regions* and *ldz_region*), and only one value (enumeration) can be used in the market message, we propose to use *ldz_region* consistently throughout the EMDS and the TI API Technical Specification.
- e. Add allowable enumerations for DIYYY47 – Tariff Days. The May 2026 baseline did not set out the allowable enumerations for this data item. These have now been added for clarity and align to the allowable enumerations set out in the TI API Technical Specification. We have also corrected the YAML Name from *Tariff_days* to *tariff_days* to align with the TI API Technical Specification.
- f. Update conditionality rules in MMXXXX5 – Get Tariffs Response and MMXXXX7 – Get Tariff Details Response for LDZ Region. The May 2026 baseline required this Data Item for all gas tariffs. The proposed change makes it conditional so that it must be populated when a TI Energy Supplier uses LDZ Region to distinguish regional variants of a gas tariff. The same rule is applied in MMXXXX5 and MMXXXX7. We understand that, typically, only gas non-domestic tariffs are differentiated based on LDZ Region and domestic gas tariffs are differentiated by GSP Group. This change has also been reflected in the TI API Technical Specification (see Annex B CHG-018).
- g. Update conditionality rules in MMXXXX5 – Get Tariffs Response and MMXXXX7 – Get Tariff Details Response for GSP Group ID. The May 2026 baseline required this data item to be populated for all electricity tariffs. The proposed change also requires it to be populated when a TI Energy Supplier uses GSP Group ID to distinguish regional variants of a gas tariff. We understand that typically, only gas domestic tariffs are differentiated by GSP Group. This change has also been reflected in the TI API Technical Specification (see Annex B CHG-018).
- h. Update conditionality rule in MMXXXX7 – Get Tariff Details Response for data item 'Tariff Days'. The May 2026 baseline required this data item to be populated. The proposed change ensures that this data item is only populated for static tariffs. This reflects the position that this data is not relevant for dynamic tariffs. Rather than Tariff Day, dynamic tariffs rely on datetime (*valid_from* and *valid_to*) to specify when the applicable rates will apply.

- i. Update conditionality rules in MMXXX7 – Get Tariff Details Response for data items ‘Tariff from kWh’ and ‘Tariff to kWh’. The May 2026 baseline required these data items to be populated where the Unit Rate differs based on the consumption value (i.e. for block tariffs). The proposed change clarifies that the Tariff from kWh and Tariff to kWh should not be populated for tariffs that are not block tariffs and, for the ‘Tariff to kWh’ field, it should be omitted on the final block of a block tariff where there is no upper limit. This change has also been reflected in the TI API Technical Specification (see Annex B CHG-019).
- j. Add the API route for each TI market message. The ‘Route’ field for each TI market message was previously blank or marked as ‘TBC’. The route specifies the URL path only; the base URL will be published separately by RECCo, and the full address takes the form {base URL}{route}.
- k. Add/update the API method for TI market messages. Other than the MMXXX6, the ‘Method’ field for each TI market message was not correct. All TI market messages where a TI User is requesting a response should have an API method of ‘GET’ and this has been added to MMXXX1a and MMXXX5a. TI market messages which describe the payload that is returned to the TI User should not have an API method. ‘N/A’ has therefore been added to MMXXX1, MMXXX5 and MMXXX7.

Index of TI Data Items

5. To support navigation, a full index of the Data Items used in the Tariff Interoperability Arrangements are set out below:

Data item reference	Data item name
DI90061	supplierMpid
DIYYYY2	Supplier Endpoint
DIYYYY3	TI Supplier Active Flag
DIYYYY4	Last Modified Supplier
DIYYYY6	Tariff Name
DIYYYY9	Tariff Id
DIYYY10	Tariff Description
DIYYY11	Last Modified Tariff

DIYYY12	Effective From Rates Dynamic Tariff
DIYYY13	Effective To Rates Dynamic Tariff
DIYYY14	Unit Price
DI90033	meteringPointEnergyFlow
DIYYY16	Effective From Tariff
DIYYY17	Effective To Tariff
DIYYY18	Sellable From
DIYYY19	Sellable To
DIYYY20	Tariff Type
DIYYY21	Tariff Comments
DIYYY22	Percentage Green
DIYYY23	Payment Method
DIYYY24	LDZ Region
DI90027	fuelType
DIYYY35	Standing Charge
DIYYY36	Effective From Rates Static Tariff
DIYYY37	Effective To Rates Static Tariff
DI50028	GSP Group Id
DI50230	Meter Type
DIYYY44	Company Legal Name
DIYYY45	Tariff Type of Use
DIYYY46	TI Energy Supplier Contact Details
DIYYY47	Tariff Days
DIYYY48	Tariff from kWh
DIYYY49	Tariff to kWh

Index of TI Market Messages

6. To support navigation, a full index of the Market Messages used in the Tariff Interoperability Arrangements are set out below:

Market message reference	Market message name
MMXXX1a	Get Supplier Tariff Endpoints Request
MMXXX1	Get Supplier Tariff Endpoints Response
MMXXX5a	Get Tariffs Request
MMXXX5	Get Tariffs Response
MMXXX6	Get Tariff Details Request
MMXXX7	Get Tariff Details Response

Governance

7. The Data Item Catalogue and the Market Message Catalogue are Category 2 governance documents within the REC and are subject to the standard change management process set out in REC Schedule 5 Change Management. This means that, once these new data items and market messages are implemented into the REC, any person can raise a change, and this will be considered against the REC objectives.

Appendix A: EMDS updates required for TI Phase 1a

Tariff Interoperability Data Item Catalogue

DI90061¹- supplierMpid

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DI90061	This is the MPID associated with the Supplier.	Retail Energy Code Company	4	0	4	String	Within constraints of datatype only	supplierMpid	For the Tariff Interoperability Arrangements only, and specifically MMXXXX1 and MMXXXX6, the YAML Name is supplier_mpid

Market Messages

Market Message
MMXXXX1
MMXXXX6

¹ Where the Data Item has a reference 'DI' followed by a numerical sequence, this is an existing Data Item in the Data Item Catalogue and will not be updated for tariff interoperability. It is shown for completeness as it is used in the TI related Market Messages.

DIYYYY2² - Supplier Endpoint

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYYY2	Base url to be used for requesting Tariff Pricing Data.	Retail Energy Code Company	200	0	200	String	A general character string	url	Requests should take the form {url}/{supplierMpid}. The defined format reflects the maximum length.

Market Messages

Market Message
MMXXXX1

² Where the Data Item has a reference 'DI' followed by 'YYYY' or 'YYY', this is a new Data Item and a reference number will be added at the point that it is formally included in the Data Item Catalogue.

DIYYYY3 – TI Supplier Active Flag

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYYY3	The status of the Energy Supplier held in the Tariff Interoperability Supplier Register.	Retail Energy Code Company	5	0	5	Boolean	Boolean (true/false)	active	

Market Messages

Market Message
MMXXXX1

DIYYYY4 – Last Modified Supplier

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYYY4	The datetime when the TI Energy Supplier details were last modified.	Retail Energy Code Company	27	0	27	String	high resolution date time	last_modified	

Market Messages

Market Message
MMXXXX1

DIYYYY6 – Tariff Name

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYYY6	Display name of the tariff.	Retail Energy Code Company	200	0	200	String	A general character string	name	A single Tariff Name may be applied to multiple Tariff Ids or the Tariff name may be the same as the Tariff Id. The defined format reflects the maximum length

Market Messages

Market Message
MMXXXX5
MMXXXX7

DIYYYY9 – Tariff Id

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYYY9	A TI Energy Supplier specific identifier required to identify each unique set of Tariff Pricing Data e.g. the standing charge and unit rate applicable where relevant factors are combined such as payment method or location.	Retail Energy Code Company	200	0	200	String	A general Character string	tariff_id	The defined format reflects the maximum length

Market Messages

Market Message
MMXXXX5
MMXXXX6

DIYYY10 – Tariff Description

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY10	Free text field to allow the TI Energy Supplier to provide additional information about the specific tariff.	Retail Energy Code Company	2000	0	2000	String	A general character string	description	The defined format reflects the maximum length

Market Messages

Market Message
MMXXXX7

DIYYY11 – Last Modified Tariff

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY11	The datetime when the Tariff Pricing Data for a specific Tariff Id was last modified.	Retail Energy Code Company	27	0	27	String	high resolution date time	last_modified	This Data Item should be updated each time a change is made to a Data Item recorded within the Get Tariff Details Response Market Message

Market Messages

Market Message
MMXXXX5
MMXXXX7

DIYYY12 – Effective From Rates Dynamic Tariff

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY12	The datetime when the unit rate for a specific Dynamic Tariff Id is effective from.	Retail Energy Code Company	27	0	27	String	high resolution date time	valid_from	

Market Messages

Market Message
MMXXXX7

DIYYY13 – Effective To Rates Dynamic Tariff

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY13	The datetime when the unit rate for a specific Dynamic Tariff Id is effective to.	Retail Energy Code Company	27	0	27	String	high resolution date time	valid_to	

Market Messages

Market Message
MMXXXX7

DIYYY14 – Unit Price

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY14	The unit rate applicable to a specific Tariff Id measured in £ per kWh (excluding VAT)	Retail Energy Code Company	7	5	8	String	A general character string	unit_price	The defined format reflects the maximum length should a tariff require this level of granularity

Market Messages

Market Message
MMXXXX7

DI90033 – meteringPointEnergyFlow

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DI90033	The direction of energy flow, into or out of the property, this is an enumerated field.	Retail Energy Code Company	1	0	1	String	Within constraints of datatype only		For the Tariff Interoperability Arrangements only, and specifically MMXXXX5 and MMXXXX7, the YAML Name is <u>metering_point_energy_flow</u>

Data Item Enumerations

Value	Description
I	Energy Flow is Import
E	Energy Flow is Export

Market Messages

Market Message
MMXXXX5
MMXXXX7

DIYYY16 – Effective From Tariff

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY16	The datetime from when a specific Tariff Id was effective.	Retail Energy Code Company	27	0	27	String	high resolution date time	valid_from	

Market Messages

Market Message
MMXXXX7

DIYYY17 – Effective To Tariff

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY17	The datetime until when a specific Tariff Id is effective.	Retail Energy Code Company	27	0	27	String	high resolution date time	valid_to	

Market Messages

Market Message
MMXXXX7

DIYYY18 – Sellable From

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY18	The datetime from when the specific tariff was available to customers.	Retail Energy Code Company	27	0	27	String	high resolution date time	sellable_from	

Market Messages

Market Message
MMXXXX7

DIYYY19 – Sellable To

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY19	The datetime until from when a specific tariff will no longer be, or was no longer, ceased or is ceasing to be available to Customers.	Retail Energy Code Company	27	0	27	String	high resolution date time	sellable_to	

Market Messages

Market Message
MMXXXX7

DIYYY20 – Tariff Type

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY20	The type of Tariff.	Retail Energy Code Company	11	0	11	String	A general character string	tariff_type	

Data Item Enumerations

Value	Description
static	where the unit price applicable at a specific time of day does not change over time
dynamic	where the unit price applicable at a specific time of day changes over time.

Market Messages

Market Message
MMXXXX5
MMXXXX7

DIYYYY21 – Tariff Comments

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYYY21	A free text field to provide general comments and context regarding the Tariff Pricing Data.	Retail Energy Code Company	2000	0	2000	String	A general character string	comments	Example usage: any pass-through costs or add on incentives. The defined format reflects the maximum length

Market Messages

Market Message
MMXXXX7

DIYYY22 – Percentage Green

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY22	Percentage of supply from green energy.	Retail Energy Code Company	4	1	5	String	A general character string	percentage_green	

Market Messages

Market Message
MMXXXX7

DIYYY23 – Payment Method

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY23	Method of payment.	Retail Energy Code Company	16	0	16	String	A general character string	payment_method	

Data Item Enumerations

Value	Description
direct_debit	Direct Debit
prepayment	Prepayment
monthly_cash	Monthly cash / cheque payment
quarterly_cash	Quarterly cash / cheque payment
other	Any payment method not captured by the other enumerations. The Tariff Comments Data Item can be used to provide specific details.

Market Messages

Market Message
MMXXXX5
MMXXXX7

DIYYY24 – LDZ Region

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY24	Gas Local Distribution Zone.	Retail Energy Code Company	3	0	3	String	A general character string	ldz_region s	The defined format reflects the maximum length

Data Item Enumerations

Value	Description
SC	Scotland
NO	Northern
NE	North East
NWT	North West
WMD	West Midlands
EM	East Midlands
EA	East Anglia
NT	North Thames



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SO	Southern
SE	South East
WN	Wales North
WW	Wales South
SW	South West

Market Messages

Market Message
MMXXXX5
MMXXXX7

DI90027 – fuelType

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DI90027	This refers to the RMP fuel type, this relates to an enumerated field.	Retail Energy Code Company	1	0	1	String	Within constraints of datatype only	fuel_type	For the Tariff Interoperability Arrangements only, and specifically MMXXXX5 and MMXXXX7, the YAML Name is fuel_type

Data Item Enumerations

Value	Description
E	Electricity
G	Gas

Market Messages

Market Message
MMXXXX5
MMXXXX7

DIYYY35 – Standing Charge

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY35	The standing charge in £ (excluding VAT).	Retail Energy Code Company	7	5	8	String	A general character string	standing_charge	The defined format reflects the maximum length should a tariff require this level of granularity

Market Messages

Market Message
MMXXX7

DIYYYY36 – Effective From Rates Static Tariff

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYYY36	The time (specified in Local Time) when the unit rate for a specific Static Tariff Id is effective from.	Retail Energy Code Company	8	0	8	String	A general character string	time_from	Format of data item follows the form HH:MM:SS

Market Messages

Market Message
MMXXXXX7



DIYYYY37 – Effective To Rates Static Tariff

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYYY37	The time (specified in Local Time) when the unit rate for a specific Static Tariff Id is effective to.	Retail Energy Code Company	8	0	8	String	A general character string	time_to	Format of data item follows the form HH:MM:SS

Market Messages

Market Message
MMXXXXX7



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DI50028 – GSP Group Id

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DI50028	Identifies the distinct grid supply point group (physical region of the country) where the metering point is located.	Balancing and Settlement Code Company	2	0	2	String	Edifact Level B DTS Variant	GSPGroupID	See ISD for Enumerations For the Tariff Interoperability Arrangements only, and specifically MMXXXX5 and MMXXXX7, the YAML Name is gsp_group_id

Market Messages

Market Message
MMXXXX5
MMXXXX7

DI50230 – Meter Type

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DI50230	Indicates the type of meter	Retail Energy Code Company	5	0	5	String	Edifact Level B DTS Variant	meterType	For the Tariff Interoperability Arrangements only, and specifically MMXXXX5 and MMXXXX7 the YAML Name is meter_type

Market Messages

Market Message
MMXXXX5
MMXXXX7

Data Item Enumerations

Enumeration Value	Enumeration Description
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 without remote enable/disable capability
RCAMY	Remotely Configurable Automated Meter Reading with remote enable/disable capability
S	Smartcard Prepayment
S1	A meter that is compliant with the Smart Metering Equipment Technical Specifications 1 (SMETS1)
S2A	A single element meter that is compliant with SMETS2



S2AD	A single element meter with one or more ALCS that is compliant with SMETS2
S2ADE	Single element meter with one or more ALCS and Boost Function that is compliant with SMETS2
S2B	A twin element meter that is compliant with SMETS2
S2BD	A twin element meter with one or more ALCS that is compliant with SMETS2
S2BDE	A twin element meter with one or more ALCS and Boost Function that is compliant with SMETS2
S2C	A polyphase meter that is compliant with SMETS2
S2CD	A polyphase meter with one or more ALCS that is compliant with SMETS2
S2CDE	A polyphase meter with one or more ALCS and Boost Function that is compliant with SMETS2
SPECL	Special
T	Token
2ADF	Single Element with ALCS and Auxiliary Proportional Controller (APC) that is compliant with SMETS2
2ADEF	Single Element with ALCS, Boost Function and APC that is compliant with SMETS2
2AEF	Single Element with Boost Function and APC that is compliant with SMETS2



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2AF	Single Element with APC that is compliant with SMETS2
2BF	Twin Element with APC that is compliant with SMETS2
2BDF	Twin Element with ALCS and APC that is compliant with SMETS2
2BDEF	Twin Element with ALCS, Boost Function and APC that is compliant with SMETS2
2BEF	Twin Element with Boost Function and APC that is compliant with SMETS2
2CDEF	Polyphase with ALCS, Boost Function and APC that is compliant with SMETS2
2CF	Polyphase with APC that is compliant with SMETS2
2CDF	Polyphase with ALCS and APC that is compliant with SMETS2
2CEF	Polyphase with Boost Function and APC that is compliant with SMETS2

DIYYY44 – Company Legal Name

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY44	The registered company name held within the REC Party Register.	Retail Energy Code Company	200	200	200	String	A general character string	company_legal_name	

Market Messages

Market Message
MMXXXX1

DIYYY45 – Tariff Type of Use

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY45	Free text field to allow TI Energy Suppliers to specify the type of use applicable to a specific set of Tariff Pricing Data at an individual MPxN e.g. where Electric Vehicle charging has different rates to the rest of the property.	Retail Energy Code Company	200	0	200	String	A general character string	type_of_use	The defined format reflects the maximum length

Market Messages

Market Message
MMXXXXX7



DIYYY46 – TI Energy Supplier Contact Details

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY46	Free text field to include TI Energy Supplier contact name, email address and phone number	Retail Energy Code Company	2000	0	2000	String	A general character string	supplier_contact_details	The defined format reflects the maximum length

Market Messages

Market Message
MMXXXX1

DIYYY47 – Tariff Days

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY47	Indicates the day of the week against which the Tariff Pricing Data applies	Retail Energy Code Company	9	0	9	String	A general character string	T tariff_days	The defined format reflects the maximum length

Data Item Enumerations

Value	Description
All	All days of the week
Monday	Monday
Tuesday	Tuesday
Wednesday	Wednesday
Thursday	Thursday
Friday	Friday
Saturday	Saturday
Sunday	Sunday

Market Messages

Market Message
MMXXXX7

DIYYY48 – Tariff from kWh

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY48	Indicates the energy usage from which the Tariff Pricing Data applies. To be used to define block tariffs where the unit rate differs based on the energy usage.	Retail Energy Code Company	13	3	14	String	A general character string	min_kWh	

Market Messages

Market Message
MMXXXX7

DIYYY49 – Tariff to kWh

Data Item

Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYYY49	Indicates the maximum energy usage against which the Tariff Pricing Data applies. To be used to define block tariffs where the unit rate differs based on the energy usage.	Retail Energy Code Company	13	3	14	String	A general character string	max_kWh	

Market Messages

Market Message
MMXXX7

Tariff Interoperability Market Message Catalogue

MMXXX1a³ – Get Supplier Tariff Endpoints Request

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX1a	Enables TI Users to request a list of Supplier Endpoints.		001	Query parameters can be used to limit the response to only include active TI Energy Suppliers

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZ16	Get Supplier Tariff Endpoints Request	Tariff Interoperability User	Tariff Interoperability Supplier Register	Retail Energy Code Company	/suppliers TBC	GETPUT

To retrieve the details of TI Energy Supplier Endpoints by MPID, send an empty {} JSON body to the Tariff Interoperability Supplier Register endpoint.

³ Market Message IDs will be updated when they are formally included within the Market Message Catalogue.

MMXXX1 – Get Supplier Tariff Endpoints Response

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX1	Returns Supplier Endpoints by MPID.		001	

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZ1	Get Supplier Tariff Endpoints Response	Tariff Interoperability Supplier Register	Tariff Interoperability User	Retail Energy Code Company	/suppliers TBE	N/AResponse

Data Items

Data Item ID	Legacy Reference	Name
DI90061	N/A	supplierMpid
DIYYY44	N/A	Company Legal Name
DIYYY2	N/A	Supplier Endpoint
DIYYY3	N/A	TI Supplier Active Flag
DIYYY4	N/A	Last Modified Supplier

DIYYY46	N/A	TI Energy Supplier Contact Details
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SVZZZZ1 - Get Supplier Tariff Endpoints Response - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
Data	SVZZZZ1 body	1-*		G									
					1							supplierMpid	
					1							Company Legal Name	
					1							Supplier Endpoint	
					1							TI Supplier Active Flag	
					1							Last Modified Supplier	
					1							TI Energy Supplier Contact Details	

MMXXX5a – Get Tariffs Request

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX5a	Enables a TI User to request a list of Tariff Ids		001	Query parameters can be used to limit the response as set out in the TI API Technical Specification

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZ20	Get Tariffs Request	Tariff Interoperability User	Energy Supplier	Retail Energy Code Company	/tariffs/{supplier_mpid} TBC	GET PUT

To request a list of applicable Tariff Ids, send an empty {} JSON body to the relevant Supplier Endpoint.

MMXXX5 – Get Tariffs Response

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX5	Returns tariff summary for specified MPID.		001	

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZ5	Get Tariffs Response	Energy Supplier	Tariff Interoperability User	Retail Energy Code Company	/tariffs/{supplier_mpid} TBC	N/A Response

Data Items

Data Item ID	Legacy Reference	Name
DIYYYY9	N/A	Tariff Id
DIYYYY6	N/A	Tariff Name
DIYYY11	N/A	Last Modified Tariff
DIYYY20	N/A	Tariff Type
DI90027	N/A	Fuel Type
DIYYY24	N/A	LDZ Region

DI50028	N/A	GSP Group Id
DIYYY23	N/A	Payment Method
DI90033	N/A	meteringPointEnergyFlow
DI50230	N/A	Meter Type

SVZZZZ5 - Get Tariffs Response - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZZ5 data	1-*		G									
					1							Tariff Id	
					1							Tariff Name	
					1							Last Modified Tariff	
					1							Tariff Type	
					1							Fuel Type	
					C							LDZ Region	To be populated only when used to differentiate for gas tariffs only
					C							GSP Group Id	To be populated for electricity tariffs.

														To be populated when used to differentiate only gas tariffs
					C								Payment Method	To be populated where the specific tariff is restricted to certain Payment Methods
					C								meteringPointEnergyFlow	To be populated for electricity tariffs only
					C								Meter Type	To be populated where the specific tariff is restricted to certain Meter Types. Multiple Meter Types could be listed against a single Tariff Id.

MMXXX6 – Get Tariff Details Request

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX6	Request details for a specific tariff.		001	

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZZ6	Get Tariff Details Request	Tariff Interoperability User	Energy Supplier	Retail Energy Code Company	/tariff/{supplier_mpid}/{tariff_id} TBC	GET

Data Items

Data Item ID	Legacy Reference	Name
DI90061	N/A	supplierMpid
DIYYYY9	N/A	Tariff Id

SVZZZZ6 - Get Tariff Details Request - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZZ6 data	1-1		G									
					1							supplierMpid	
					1							Tariff Id	

MMXXX7 – Get Tariff Details Response

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX7	Returns details for a specific tariff.		001	

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZ7	Get Tariff Details Response	Energy Supplier	Tariff Interoperability User	Retail Energy Code Company	/tariff/{supplier_mpid}/{tariff_id} TBC	N/A Response

Data Items

Data Item ID	Legacy Reference	Name
DIYYYY6	N/A	Tariff Name
DIYYYY10	N/A	Tariff Description
DIYYYY11	N/A	Last Modified Tariff
DI90027	N/A	fuelType
DIYYYY35	N/A	Standing Charge

DIYYY12	N/A	Effective From Rates Dynamic
DIYYY13	N/A	Effective To Rates Dynamic
DIYYY36	N/A	Effective From Rates Static
DIYYY37	N/A	Effective To Rates Static
DIYYY14	N/A	Unit Price
DI90033	N/A	meteringPointEnergyFlow
DIYYY16	N/A	Effective From Tariff
DIYYY17	N/A	Effective To Tariff
DIYYY20	N/A	Tariff Type
DIYYY21	N/A	Tariff Comments
DIYYY18	N/A	Sellable From
DIYYY19	N/A	Sellable To
DIYYY22	N/A	Percentage Green
DIYYY23	N/A	Payment Method
DIYYY24	N/A	LDZ Region
DI50028	N/A	GSP Group Id
DI50230	N/A	Meter Type
DIYYY45	N/A	Tariff Type of Use
DIYYY47	N/A	Tariff Days
DIYYY48	N/A	Tariff from kWh
DIYYY49	N/A	Tariff to kWh

SVZZZZ7 - Get Tariff Details Response - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZZ7 data	1-1		G									
					1							Tariff Name	
					1							Tariff Description	
					1							Last Modified Tariff	
					1							Effective From Tariff	
					C							Effective To Tariff	This data item should be populated where the tariff is no longer active or has a planned date whereby it will no longer be active.
					1							Sellable From	
					C							Sellable To	This data item should only be populated for tariffs that are no longer open to new customers
					C							meteringPointEnergyFlow	To be populated for electricity tariffs only
					1							fuelType	

					1							Tariff Type	
					0							Tariff Comments	
					0							Percentage Green	
					C							Payment Method	To be populated where the specific tariff is restricted to certain Payment Methods
					1							Standing Charge	
					C							LDZ Region	To be populated when used to differentiate for gas tariffs. only
					C							GSP Group Id	To be populated for electricity tariffs. To be populated when used to differentiate gas tariffs. only
					C							Meter Type	To be populated where the specific tariff is restricted to certain Meter Types. Multiple Meter Types could

													be listed against a single Tariff Id.
	SVZZZZ7 Rates	1-*			G								
						1						Type of Use	Populate with 'all' where there is no differentiation based on the type of usage
							C4					Tariff Days	To be populated where Tariff Type is Static Populate with 'all' where there is no differentiation based on days of the week
								C				Effective From Rates Dynamic	To be populated where Tariff Type is Dynamic
								C				Effective To Rates Dynamic	To be populated where Tariff Type is Dynamic
								C				Tariff from kWh	To be populated where the Unit Rate differs based on the consumption value (i.e. block

													tariffs). It should be omitted for other tariff types.
								C				Tariff to kWh	To be populated where the Unit Rate differs based on the consumption value (i.e. block tariffs). It should be omitted for other tariff types. It should be omitted on the final block of a block tariff where there is no upper limit.
								C				Effective From Rates Static	To be populated where Tariff Type is Static
								C				Effective To Rates Static	To be populated where Tariff Type is Static
								1				Unit Price	