

Annex E - Draft TI API Technical Specification and Energy Market Data Specification Changes

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Consultation Questions

Q12: Do you have any comments on the proposed Tariff Interoperability (TI) Application Programming Interface (API) Technical Specification?

Q13: Do you agree that the proposed changes to the Energy Market Data Specification (EMDS), detailed in the Data Item Catalogue and Market Messages Catalogue are all required for optimisation and in line with the MVP scope?

Introduction

1. The TI API Technical Specification provides the physical definition of the TI API, enabling Suppliers and TI Users to build their technical solutions. The TI API Technical Specification includes interactions between Suppliers and TI Users (including RTI Users) and also interactions with the central TI Register. The TI API Technical Specification can be accessed through the following link:

[API Technical Specification](#)

2. The existing EMDS ([Data Specification Catalogue](#)) defines data items and market messages used across a number of industry codes in a standard format. In addition to the physical definition of the TI API set out within the TI API Technical Specification, the new data items and market messages required to support the TI Arrangements will be added to the EMDS in accordance with the implementation approach set out in Annex G.
3. This Annex includes the proposed additions to Data Item Catalogue and Market Message Catalogue within the EMDS.
4. The Data Item Catalogue outlines each data item contained within the API Technical Specification. It provides a reference, description owner, details of length, and data type format, along with any enumerations. Further information to support review is included in paragraphs 8 - 11 below.
5. The Market Message Catalogue details all the messages contained within the TI API Technical Specification. It provides information on the required data items for each message, the description of the message, and any scenario variants on the use of that message. Further information to support review is included in paragraphs 12 – 17 below.
6. The June 2024 consultation¹ included some proposed data items for inclusion in the TI API Technical Specification. As part of the ongoing solution development, including discussion with TISWG, we have made some changes to the proposed list of data items, as set out below:

Original Data Item	New Data Item	Rationale
Supplier Name	Supplier MPID	Position developed through TISWG to define at MPID level to avoid confusion around

¹ [Smart Secure Electricity Systems Programme: tariff data accessibility for flexibility services](#)

		Supplier branding or misalignment with registered business name.
Supplier Brand	N/A	Position developed through TISWG to remove Supplier Brand and rely on MPID for reasons above.
Tariff Id	N/A	Included in the proposed solution. This is a 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.
Tariff Display Name	Tariff Name	Minor change to reduce length of data item name.
Direction	Metering Point Energy Flow	Alignment with existing data item in the EMDS.
Tariff Contract Type	Tariff Type	Merged with the data item below to include Static and Dynamic as agreed scope.
Tariff Type	N/A	Merged with the data above to include Static and Dynamic as agreed scope. Other tariff types e.g. block tariffs to be included in a later phase.
Customer Scope	N/A	Position developed through TISWG to remove as does not provide any contextual information to support optimisation not included elsewhere in the data items.
Electricity / Gas Standing Charge	N/A	Included in the proposed solution.

7. In addition to the above data items, we have introduced other data items following discussions with TISWG. The full list of data items, together with the associated rationale for inclusion in the TI API Technical Specification is set out in the table below:



Data Item Name	Description	Rationale
supplierMpid	This is the MPID associated with the Supplier.	Existing REC data item used to identify individual Supplier entity.
Supplier Endpoint	Base url to be used for requesting Tariff Pricing Data.	Enables TI Users to access Tariff Pricing Data.
TI Supplier Active Flag	The status of the Energy Supplier held in the Tariff Interoperability Register.	Allows TI Users to filter Suppliers who are not participating in the TI Arrangements.
RTI User Active Flag	The status of the RTI User held in the Tariff Interoperability Register.	Allows Suppliers to filter RTI Users who have been suspended from participating in the TI Arrangements.
Last Modified Supplier	The datetime when the Energy Supplier details were last modified.	Provides an audit trail to allow TI Users to track changes to the TI Supplier Register to ensure details are up to date.
Last Modified User	The datetime when the RTI User details were last modified.	Provides an audit trail to allow Suppliers to track changes to the TI User Register to ensure details are up to date.
RTI User ID	The unique identifier assigned to each individual RTI User.	Used to identify individual RTI Users.
Tariff Name	Display name of the Tariff.	Plain English name to enable Consumers to identify their Tariff.
RTI User Name	Name of the RTI User.	Plain English name to enable Suppliers and Consumers to identify individual RTI Users.

RTI Registration Id	A unique reference generated by the Energy Supplier to record Consumer consent against a specific MPXN and RTI User.	Enables the RTI User to register and de-register Consumer consent in relation to a specific MPXN.
MPXN	This refers to both an MPAN or MPRN.	Existing REC data item used to identify individual metering points against which consent for sharing Consumer Specific Tariff Information has been granted.
Tariff Id	An 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.	Enables TI Users to request access to specific Tariff Pricing Data. This may be at a lower level of granularity to the overall Tariff Name, to reflect the individual Supplier's approach to defining unit rates.
Tariff Description	Free text field to allow the Energy Supplier to provide additional information about the specific Tariff.	Optional field to allow the Supplier to provide additional contextual information e.g. to help the TI User/Consumer to understand the tariff and any limitations on applicability.
Last Modified Tariff	The datetime when the Tariff Pricing Data for a specific Tariff Id was last modified.	Provides an audit trail to allow users to track changes to the Tariff Pricing Data.
Effective From Rates Dynamic Tariff	The datetime when the unit rate for a specific Dynamic Tariff Id is effective from.	Required to enable differentiation of Tariff Pricing Data for individual times of the day.

		A separate data item is defined for Static Tariffs versus Dynamic Tariffs as Static Tariffs require a time value and Dynamic Tariffs require a datetime value.
Effective To Rates Dynamic Tariff	The datetime when the unit rate for a specific Dynamic Tariff Id is effective to.	Required to enable differentiation of Tariff Pricing Data for individual times of the day. A separate data item is defined for Static Tariffs versus Dynamic Tariffs as Static Tariffs require a time value and Dynamic Tariffs require a datetime value.
Unit Price	The unit rate applicable to a specific Tariff Id measured in £ per kWh (excluding VAT)	Forms part of the Tariff Pricing Data.
meteringPointEnergyFlow	The direction of energy flow, into or out of the property, this is an enumerated field.	Existing REC data item used to identify whether the metering point relates to import or export, which helps distinguish import and export tariffs
Effective From Tariff	The datetime from when a specific Tariff Id was effective.	Forms part of the Tariff Pricing Data.
Effective To Tariff	The datetime until when a specific Tariff Id is effective.	Forms part of the Tariff Pricing Data.

Sellable From	The datetime from when the specific Tariff was available to Consumers.	Included to identify Live and Dead Tariffs (as defined in the Electricity Supply Licence). Allows TI Users to determine whether a Consumer can change to this Tariff.
Sellable To	The datetime until when a specific Tariff ceased or is ceasing to be available for Consumers.	Included to identify Live and Dead Tariffs (as defined in the Electricity Supply Licence). Allows TI Users to determine whether a Consumer can change to this Tariff.
Tariff Type	The type of Tariff.	Used to determine whether the Tariff is Dynamic or Static. This is required by TI Users to understand whether they will receive notification of Tariff Pricing Changes (Static Tariffs only) or whether they should pro-actively request updates to Tariff Pricing Data when the existing data expires (Dynamic Tariffs).
Tariff Comments	A free text field to provide general comments and context regarding the Tariff Pricing Data.	Enables Suppliers to provide additional information that impacts the end price paid by the Consumer e.g. details of any applicable incentive arrangements.
Percentage Green	Percentage of supply from green energy.	Included to enable Suppliers to identify where Tariff Pricing Data varies by the percentage of green energy.



Payment Method	Method of payment.	Included to enable Suppliers to identify where Tariff Pricing Data varies by payment method.
Region	Network Operator region / zone.	Included to enable Suppliers to identify where Tariff Pricing Data varies by location.
fuelType	This refers to the RMP fuel type, this relates to an enumerated field.	Required to inform the TI User whether the Tariff Pricing Data relates to gas or electricity.
Number of Tariff Requests	Number of Tariff Pricing Data requests received in the reporting period.	Proposed assurance metrics to support ongoing reporting and monitoring. Will be subject to a separate consequential REC change to amend the REC Performance Assurance Reporting Catalogue (PARC).
Number Of Tariff Changes	Number of Tariff changes notified in the reporting period.	Proposed assurance metrics to support ongoing reporting and monitoring. Will be subject to a separate consequential REC change to amend the PARC.
TI API Availability	API availability (including planned and unplanned downtime) expressed as a percentage within the reporting period.	Proposed assurance metrics to support ongoing reporting and monitoring. Will be subject to a separate consequential REC change to amend the PARC.
Percentage of Successful Tariff Requests	API success expressed as a percentage.	Proposed assurance metrics to support ongoing reporting and monitoring. Will be subject to a separate consequential REC change to amend the PARC.

Response Time	Supplier API Response times by percentile (in milliseconds).	Proposed assurance metrics to support ongoing reporting and monitoring. Will be subject to a separate consequential REC change to amend the PARC.
TI Webhook Id	Unique identifier for the RTI User webhook for receipt of Tariff Interoperability Event Notifications.	Required to facilitate the sending of event notifications (e.g. change of Tariff) by Suppliers to individual RTI Users.
TI Webhook Timestamp	Datetime when the Tariff Interoperability Event Notification is issued.	Required to facilitate the sending of event notifications by Suppliers to individual RTI Users.
TI Webhook Signature	Signature of the payload, calculated in accordance with the webhook standard.	Required to facilitate the sending of event notifications by Suppliers to individual RTI Users.
Tariff Event Type	Type of Tariff Interoperability Event Notification.	Required to facilitate the sending of event notifications by Suppliers to individual RTI Users.
Standing Charge	The standing charge in £ (excluding VAT).	Forms part of the Tariff Pricing Data.
Effective From Rates Static Tariff	The time when the unit rate for a specific Static Tariff Id is effective from.	Required to enable differentiation of Tariff Pricing Data for individual times of the day. A separate data item is defined for Static Tariffs versus Dynamic Tariffs as Static Tariffs require a time value and

		Dynamic Tariffs require a datetime value.
Effective To Rates Static Tariff	The time when the unit rate for a specific Static Tariff Id is effective to.	Required to enable differentiation of Tariff Pricing Data for individual times of the day. A separate data item is defined for Static Tariffs versus Dynamic Tariffs as Static Tariffs require a time value and Dynamic Tariffs require a datetime value.
TI Event Timestamp	The date and time when the event took place, which is the subject of the specific event notification.	Enables the RTI User to understand the time the event occurred e.g. when consent was revoked. Also allows monitoring against the event time and the subsequent issuing of the notification.

Data Item Catalogue Explainer

8. The Data Item Catalogue below lists each data item contained in the TI API Technical Specification. Some of these data items currently exist within the EMDS and, as such, are already defined. The definition and format of these data items is not being amended under the TI Arrangements.
9. Each data item contains three elements:
 - Data Item Table – a full definition of the data item, including a unique identifier, owner, length, and format.
 - Data Item Enumeration Table - where there is a limited and defined set of values applicable to a data item, the Data Item Enumeration Table will define the values and the associated description.

- Market Message Table - outlines each market message that contains the specific data item.

10. The following information is contained within the Data Item Table:

- Data Item Name – each data item has been assigned a plain English name. Note that where existing data items have been used within the TI API Technical Specification, the Data Item Name aligns to the existing data item e.g. ‘supplierMpid’.
- Data Item Reference - provides the unique reference of each data item in the Data Item Catalogue. In this document, existing data items are given their current Data Item Catalogue reference number and new data items are given the form ‘DIYYYY[n]’. Following consultation, new data items will be added to the existing EMDS and assigned an enduring reference.
- Item Description - plain English description of the data item.
- Data Item Owner - as the EMDS brings all industry data together from multiple codes (e.g. REC, UNC, BSC) this item indicates which industry code body is responsible for the configuration management of the meta data associated with the specific data item. For the purposes of TI, this will be the Retail Energy Code Company (RECCo).
- Logical Length - the number of characters or digits required to represent the value of the data.
- Decimal Length - the number of digits to the right of the decimal point for numeric or fixed-point data types.
- Physical Length - the total space assigned to the data item which includes decimals point and +/- characters.
- Data Type – defines the generic data types applicable to data items within the EMDS. These are defined in the Standards Definition Document (Annex F) and include:
 - String - a general character string;
 - Boolean - two values permitted representing True or False;

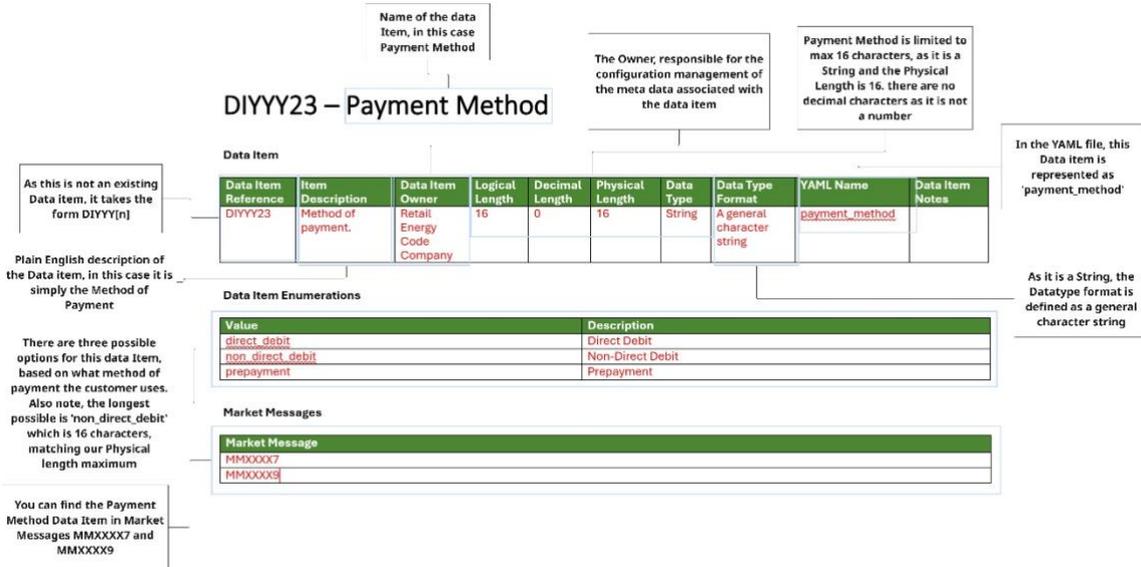
- Number - only numeric characters 0 to 9, minus sign and decimal point characters permitted.
- Datatype Format - defines what structure the data item must take and how it is stored and displayed. A full list of the Datatype Formats is included in the Standards Definition Document (Annex F).
- YAML Name - the YAML name of the data item as reflected in the TI API Technical Specification.
- Data Item Notes - any contextual information useful to understanding the Data Item.

11. The following information is contained within the Data Item Enumerations Table:

- Value – a list of all potential values applicable to the data item.
- Description - a definition of the specific enumeration.

Please note, only data items which have enumerations contain an enumeration table. Data items which have Boolean values, while having a limited set of defined values, do not have an enumeration table as they are limited to 'true' or 'false'.

Worked example



Market Message Catalogue Explainer

12. The Market Message Catalogue below lists each market message contained in the TI API Technical Specification. The scope of this document is limited to data exchanges where the message contains specific data items within the message payload. Where an organisation is using an endpoint defined in the TI API Technical Specification to access data where no information is required from the originator; a market message has not been defined. For example, the request to access publicly available tariff pricing data is not a defined market message, however, the response message will be defined in the Market Message Catalogue.

13. Each Market Message contains the following elements:

- Market Message Table - a full description of the market message.
- Scenario Variants - outlining the potential scenarios associated with the market message, including the name of the message, source, recipient and owner, along with a defined route and method.
- Data Items - the data items included in the market message. This is aligned to the Market Message Table in the Data Item Catalogue.
- Scenario Message Structure - outlining how the data items within the message are structured and at what level of the market message each data item can be found.

14. The following information is contained within the Market Message Table:

- Market Message Reference - provides the unique reference of each market message in the Market Message Catalogue. As all market messages are new for TI, they have been given the reference 'MMXXX[n]'. Following consultation and inclusion in the EMDS, a formal reference will be assigned.
- MM Description - simple description of what the market message is used for.
- Version – defines the version number applicable to the live version of the market message. As all TI market messages are new, they have been defined as 001.
- Notes - any additional contextual information.

15. The following information is contained within the Scenario Variant Table:

- Scenario Variant – a unique reference of the each scenario. As all scenario variants are new for TI, they have been given the reference 'SXZZZZ[n]'. Following consultation and inclusion in the EMDS, a formal reference will be assigned.
- Name - simple description of what happens in the scenario.
- Source – defines the market role of the message originator.
- Target – defines the market role the message is sent to.
- Owner - as the EMDS brings all industry data together from multiple codes (e.g. REC, UNC, BSC) this item indicates which industry code body is responsible for the configuration management of the meta data associated with the specific scenario variant. For the purposes of TI, this will be the Retail Energy Code Company (RECCo).
- Route - the API address through which the message is sent. In the below scenario variants, any populated route is included for illustrative purposes only. Once the TI API Technical Specification is baselined, finalised URLs will be included.
- Method – defines how the server should process the request, such as retrieve, create, update or delete the data. These include:

- GET – retrieve data from the server;
- POST – create a new resource;
- PUT – update or replace an existing resource;
- PATCH – partially update a resource;
- DELETE – remove a resource.

16. The following information is contained within the Data Item Table:

- Data Item ID – unique reference for each data item included in the market message.
- Legacy Reference - included to reflect any previously used reference to the data items. This is not applicable to TI data items.
- Name – the name of each data item included in the market message.

17. The following information is contained within the Scenario Variant Message Structure:

- Group Id – a unique identifier for each individual group of data items within the specific scenario variant.
- Group Description – a descriptive title for each group of data items within the specific scenario variant.
- Range – identifies whether the group is mandatory and how many instances of a group will be included within an individual market message.
- Condition – an optional condition applicable to the group e.g. to reference that population of a specific group is mandatory where certain conditions are met.
- Levels 1 – 8 – these columns reflect the hierarchy of data within the group. A 1, 0 or C is included within the relevant column for each data item where 1 is mandatory, 0 is optional and C is conditional. The position of the 1, 0 or C reflects the relationship between the relevant data item and the preceding data item.

- Data Item Name – reflects the position of the individual data item within the message.
- Value Rule – an optional rule applicable to the relevant data items e.g. to reference that population of a specific data item is mandatory where certain conditions apply.

Worked example

Group Names

SVZZZ3 - Register Trust Response - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZ3 data	1-*		G									
					1							TI Registration Id	
data	SVZZZ3 Register Tariffs Array	1-*		G									
						1						MPXN	
						1						Tariff Id	

Group IDs

Value rules to help with population

Data Item

Group Cardinality & Range

Any conditional population rules

Data Item optionality or obfuscation

Tariff Interoperability Data Item Catalogue



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DI90061- 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		

Market Messages

Market Message
MMXXXX1
MMXXXX6
MMXXXX8
MMXXXX11



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DIYYYY2- 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}/{mpid}

Market Messages

Market Message
MMXXXX1



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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 Register.	Retail Energy Code Company	5	0	5	Boolean	Boolean (true/false)	active	

Market Messages

Market Message
MMXXXX1



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DIYYY39 – RTI User 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
DIYYY39	The status of the RTI User held in the Tariff Interoperability Register.	Retail Energy Code Company	5	0	5	Boolean	Boolean (true/false)	active	

Market Messages

Market Message
MMXXXX2

DIYYYY4 – Last Modified Supplier



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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 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



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DIYYY40 – Last Modified User

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
DIYYY40	The datetime when the RTI User details were last modified.	Retail Energy Code Company	27	0	27	String	high resolution date time	last_modified	

Market Messages

Market Message
MMXXXX2



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DIYYYY5 – RTI User 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
DIYYYY5	The unique identifier assigned to each individual RTI User.	Retail Energy Code Company	200	0	200	String	A general character string	user_id	

Market Messages

Market Message
MMXXXX2

DIYYYY6 – Tariff Name



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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.

Market Messages

Market Message
MMXXXX5
MMXXXX7
MMXXXX9



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DIYYY41 – RTI User 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
DIYYY37	Name of the RTI User.	Retail Energy Code Company	200	0	200	String	A general character string	name	

Market Messages

Market Message
MMXXXX2



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DIYYYY7 – RTI Registration 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
DIYYYY7	A unique reference generated by the Energy Supplier to record Consumer consent against a specific MPXN and RTI User.	Retail Energy Code Company	200	0	200	String	A general character string	registration_id	

Market Message

MMXXXX3



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DI90037 – MPXN

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
DI90037	This refers to both an MPAN or MPRN.	Retail Energy Code Company	13	0	13	String	Within constraints of datatype only		

Market Messages

Market Message
MMXXXX3
MMXXXX8
MMXXXX11



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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	An 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	

Market Messages

Market Message
MMXXXX3



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MMXXX5
MMXXX6
MMXXX8
MMXXX11



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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 Energy Supplier to provide additional information about the specific Tariff.	Retail Energy Code Company	2000	0	2000	String	A general character string	description	

Market Messages

Market Message
MMXXXX7
MMXXXX9



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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	

Market Messages

Market Message
MMXXXX5
MMXXXX7
MMXXXX9



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
MMXXXX9

DIYYY13 – Effective To Rates Dynamic Tariff



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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
MMXXXX9

DIYYY14 – Unit Price

Data Item



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Data Item Reference	Item Description	Data Item Owner	Logical Length	Decimal Length	Physical Length	Data Type	Data Type Format	YAML Name	Data Item Notes
DIYY14	The unit rate applicable to a specific Tariff Id measured in £ per kWh (excluding VAT)	Retail Energy Code Company	3	2	4	String	A general character string	unit_price	

Market Messages

Market Message
MMXXX7
MMXXX9

DI90033 – meteringPointEnergyFlow

Data Item





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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		

Data Item Enumerations

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

Market Messages

Market Message
MMXXXX7
MMXXXX9



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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
MMXXXX9

DIYYY17 – Effective To Tariff



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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
MMXXXX9

DIYYY18 – Sellable From



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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 Consumers.	Retail Energy Code Company	27	0	27	String	high resolution date time	sellable_from	

Market Messages

Market Message
MMXXXX7
MMXXXX9

DIYYY19 – Sellable To

Data Item



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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 when a specific Tariff ceased or is ceasing to be available to Consumers.	Retail Energy Code Company	27	0	27	String	high resolution date time	sellable_to	

Market Messages

Market Message
MMXXX7
MMXXX9

DIYYY20 – Tariff Type

Data Item



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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
MMXXXX7
MMXXXX9



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DIYYY21 – 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
DIYYY21	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

Market Messages

Market Message
MMXXXX7
MMXXXX9



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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	3	1	4	String	A general character string	percentage_green	

Market Messages

Market Message
MMXXXX7
MMXXXX9

DIYYY23 – Payment Method



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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
non_direct_debit	Non-Direct Debit
prepayment	Prepayment

Market Messages

Market Message
MMXXX7
MMXXX9



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DIYYY24 – 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	Network Operator region / zone.	Retail Energy Code Company	3	0	3	Number	Integer	regions	

Data Item Enumerations

Value	Description
10	East England
11	East Midlands
12	London
13	North Wales, Merseyside and Cheshire
14	West Midlands
15	North East England
16	North West England
17	North Scotland
18	Central and Southern Scotland



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19	South East England
20	Southern England
21	South Wales
22	South West England
23	Yorkshire
24	Independent
25	Independent
26	Independent
27	Independent
28	Independent
SC	Scotland
NO	Northern
NE	North East
NWT	North West
WMD	West Midlands
EM	East Midlands
EA	East Anglia
NT	North Thames
SO	Southern
SE	South East
WN	Wales North
WW	Wales South
SW	South West



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Market Messages

Market Message
MMXXXX6
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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		

Data Item Enumerations

Value	Description
E	Electricity
G	Gas

Market Messages

Market Message
MMXXXX7



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MMXXX9

The following Data Items, DIYY26 through to DIYY30 are all Data Items which we believe will be required for the purposes of the proposed Supplier Reporting. Detailed Performance Assurance reporting will be developed in 2026 and taken forward as a REC Change to the Performance Assurance Reporting Catalogue.



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DIYYY26 – Number of Tariff Requests

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
DIYYY26	Number of Tariff Pricing Data requests received in the reporting period.	Retail Energy Code Company	20	0	20	Number	Integer	tariff_requests	

Market Messages

Market Message
MMXXX10

DIYYY27 – Number Of Tariff Changes



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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
DIYYY27	Number of Tariff changes notified in the reporting period.	Retail Energy Code Company	20	0	20	Number	Integer	tariff_changes	

Market Messages

Market Message
MMXXX10



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DIYYY28 – TI API Availability

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
DIYYY28	API availability (including planned and unplanned downtime) expressed as a percentage within the reporting period.	Retail Energy Code Company	6	2	8	String	A general character string	availability	

Market Messages

Market Message
MMXXX10



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DIYYY29 – Percentage of Successful Tariff Requests

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
DIYYY29	API success expressed as a percentage.	Retail Energy Code Company	6	2	8	String	A general character string	success	

Market Messages

Market Message
MMXXX10



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DIYYY30 – Response Time

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
DIYYY30	Supplier API Response times by percentile (in milliseconds).	Retail Energy Code Company	4	0	4	String	A general character string	response_times	

Market Messages

Market Message
MMXXX10



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DIYYY31 – TI Webhook 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
DIYYY31	Unique identifier for the RTI User webhook for receipt of Tariff Interoperability Event Notifications.	Retail Energy Code Company	36	0	36	String	A general character string	webhook-id	

Market Messages

Market Message
MMXXX11



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DIYYY32 – TI Webhook Timestamp

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
DIYYY32	Datetime when the Tariff Interoperability Event Notification is issued.	Retail Energy Code Company	27	0	27	String	high resolution date time	webhook-timestamp	

Market Messages

Market Message
MMXXX11



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DIYYY33 – TI Webhook Signature

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
DIYYY33	Signature of the payload, calculated in accordance with the webhook standard.	Retail Energy Code Company	47	0	47	String	A general character string	webhook-signature	

Market Messages

Market Message
MMXXX11



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DIYYY34 – Tariff Event 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
DIYYY34	Type of Tariff Interoperability Event Notification.	Retail Energy Code Company	18	0	18	String	A general character string	type	

Data Item Enumerations

Value	Description
tariff.change	Change which tariff applies to MPXN
tariff.update	Update to the tariff pricing data
supplier.change	Customer has switched Supplier
consent.revoked	Customer has revoked consent
supplier.cessation	Supplier has opted out of TI arrangements

Market Messages



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Market Message

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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	3	2	4	String	A general character string	standing_charge	

Market Messages

Market Message
MMXXX7
MMXXX9



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DIYYY36 – 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
DIYYY36	The 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	valid_from	Format of data item follows the form HH:MM:SS

Market Messages

Market Message
MMXXXX7
MMXXXX9



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DIYYY37 – 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
DIYYY37	The 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	valid_to	Format of data item follows the form HH:MM:SS

Market Messages

Market Message
MMXXXX7
MMXXXX9



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DIYYY38 – TI Event Timestamp

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
DIYYY38	The time consent was revoked. The date and time when the event took place, which is the subject of the specific event notification.	Retail Energy Code Company	27	0	27	String	high resolution date time	timestamp	

Market Messages

Market Message
MMXXX11



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Tariff Interoperability 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
SVZZZZ1	Get Supplier Tariff Endpoints Response	Tariff Interoperability Register	Tariff Interoperability User	Retail Energy Code Company		Response

Data Items

Data Item ID	Legacy Reference	Name
DI90061	N/A	supplierMpid



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DIYYYY2	N/A	Supplier Endpoint
DIYYYY3	N/A	TI Supplier Active Flag
DIYYYY4	N/A	Last Modified Supplier

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							Supplier Endpoint	
					0							TI Supplier Active Flag	
					1							Last Modified Supplier	



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MMXXX2 – Get RTI Users Response

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX2	Returns Registered TI Users by MPID.		001	

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZZ2	Get RTI Users Response	Tariff Interoperability Register	A requesting entity	Retail Energy Code Company		Response

Data Items

Data Item ID	Legacy Reference	Name
DIYYYY5	N/A	RTI User Id
DIYYY41	N/A	RTI User Name
DIYYY39	N/A	RTI User Active Flag



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DIYYY40	N/A	Last Modified User
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SVZZZZ2 - Get RTI Users Response - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZZ2 data	1-*		G									
					1							RTI User Id	
					1							RTI User Name	
					0							RTI User Active Flag	
					1							Last Modified User	



MMXXX3 – Register Trust Response

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX3	Once the OAuth Auth Code flow process is complete, this is called to establish the trust relationship.		001	The code issued in the preceding step is passed in the authorization header, then is either interrogated directly (through JSON Web Token (JWT)) or introspected (opaque token) to identify the customer to complete the registration.

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZZ3	Register Trust Response	Energy Supplier	Tariff Interoperability User	Retail Energy Code Company	https://supplier-tariff.proof-of-concept.io/register	Response



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Data Items

Data Item ID	Legacy Reference	Name
DIYYYY7	N/A	RTI Registration Id
DI90037	N/A	MPXN
DIYYYY9	N/A	Tariff Id

SVZZZZ3 - Register Trust Response - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZZ3 data	1-1		G									
					1							RTI Registration Id	
data	SVZZZZ3 Register Tariffs Array	1-*			G								
						1						MPXN	
						1						Tariff Id	



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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
SVZZZZ5	Get Tariffs Response	Energy Supplier	Tariff Interoperability User	Retail Energy Code Company		Response

Data Items

Data Item ID	Legacy Reference	Name
DIYYYY9	N/A	Tariff Id
DIYYYY6	N/A	Tariff Name
DIYYYY11	N/A	Last Modified Tariff



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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	Alternate Name
data	SVZZZZ5 data	1-*		G										
					1							Tariff Id		
					1							Tariff Name		
					1							Last Modified Tariff		



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
SVZZZ6	Get Tariff Details Request	Tariff Interoperability User	Energy Supplier	Retail Energy Code Company	https://supplier-tariff.proof-of-concept.io/tariff/{mpid}/{tariff_id}	GET

Data Items

Data Item ID	Legacy Reference	Name
DI90061	N/A	supplierMpid
DIYYYY9	N/A	Tariff Id
DIYYYY24	N/A	Region



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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	



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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
SVZZZZ7	Get Tariff Details Response	Energy Supplier	Tariff Interoperability User	Retail Energy Code Company		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



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DI90027	N/A	fuelType
DIYYY35	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	Region

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	



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						1						Effective From Rates Dynamic	
						1						Effective To Rates Dynamic	
	SVZZZZ7 Rates Static	0-*	Only populate if Tariff Type = Static			G							
						1						Unit Price	
						1						meteringPointEnergyFlow	
						1						Effective From Rates Static	
						1						Effective To Rates Static	



MMXXX8 – Get MPXN Tariff Details Request

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX8	Request tariff details for a specific MPXN.		001	The Energy Supplier should check that consent is granted for the requesting RTI User before issuing data. In the event an MPXN is unknown or consent not granted, a 404 response is returned.

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZ8	Get MPXN Tariff Details Request	Tariff Interoperability User	Supplier	Retail Energy Code Company	https://supplier-tariff.proof-of-concept.io/tariff/{mpid}/{tariff_id}/{MPXN}	GET



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Data Items

Data Item ID	Legacy Reference	Name
DI90061	N/A	supplierMpid
DI90037	N/A	MPXN

SVZZZZ8 - Get MPXN 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	SVZZZZ8 data	1-1		G									
					1							supplierMpid	
					1							MPXN	



MMXXX9 – Get MPXN Tariff Details Response

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX9	Returns tariff details for a specific MPXN.		001	In the event an MPXN is unknown or consent not granted, a 404 response is returned.

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZ9	Get MPXN Tariff Details Response	Energy Supplier	Tariff Interoperability User	Retail Energy Code Company		Response

Data Items



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

SVZZZZ9 - Get MPXN 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	SVZZZZ9 data	1-1		G									
					1							Tariff Id	



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MMXXX10 – Get Metrics Response

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX10	Performance and context based metrics for central monitoring		001	

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZ10	Metrics response	Retail Energy Code Company	Energy Supplier	Retail Energy Code Company	https://supplier-tariff.proof-of-concept.io/metrics	GET



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Data Items

Data Item ID	Legacy Reference	Name
DIYYY26	N/A	Number of Tariff Requests
DIYYY27	N/A	Number of Tariff Changes
DIYYY28	N/A	TPI API Availability
DIYYY29	N/A	Percentage of Successful Tariff Requests
DIYYY30	N/A	Response Time

SVZZZ10 – Get Metrics Response - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule	Alternate Name
data	SVZZZ10 data	1-1		G										
					1							Number of Tariff Requests		
					1							Number of Tariff Changes		
					1							TPI API Availability		



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					1							Percentage of Successful Tariff Requests		
	p50 response time	0-1		G										
					1							Response Time		
	p90 response time	0-1		G										
					1							Response Time		
	p95 response time	1-1		G										
					1							Response Time		
	p99 response time	0-1		G										
					1							Response Time		
	p100 response time	0-1		G										
					1							Response Time		



MMXXX11 – Notifications Response

Market Message

Market Message Reference	MM Description	Legacy Reference	Version	Notes
MMXXX11	webhook to receive notifications from suppliers.		001	

Scenario Variants

Scenario Variant	Name	Source	Target	Owner	Route	Method
SVZZZ11	Notifications tariff.change	Supplier	Tariff Interoperability User	Retail Energy Code Company	https://optimiser.tariff.proof-of-concept.io	POST
SVZZZ12	Notifications tariff.update	Supplier	Tariff Interoperability User	Retail Energy Code Company	https://optimiser.tariff.proof-of-concept.io	POST
SVZZZ13	Notifications consent.revoked	Supplier	Tariff Interoperability User	Retail Energy Code Company	https://optimiser.tariff.proof-of-concept.io	POST



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SVZZZ14	Notifications supplier changed	Supplier	Tariff Interoperability User	Retail Energy Code Company	https://optimiser.tariff.proof-of-concept.io	POST
SVZZZ15	Notifications supplier cessation	Supplier	Tariff Interoperability User	Retail Energy Code Company	https://optimiser.tariff.proof-of-concept.io	POST

Data Items

Data Item ID	Legacy Reference	Name
DIYYY31	N/A	TI Webhook Id
DIYYY32	N/A	TI Webhook Timestamp
DIYYY33	N/A	TI Webhook Signature
DIYYY38	N/A	TI Event Timestamp
DIYYY34	N/A	Tariff Event type
DI90061	N/A	supplierMpid
DI90037	N/A	MPXN
DIYYYY9	N/A	Tariff Id

SVZZZ11 – Notifications Tariff.Change - Message Structure



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Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZ11 headers	1-1		G									
					1							TI Webhook Id	
					1							TI Webhook Timestamp	
					1							TI Webhook Signature	
data	SVZZZ11 body	1-1		G									
					1							Tariff Event Type	
					1							TI Event Timestamp	
data	SVZZZ11 webhook.tariff.change	1-1			G								
						1						supplierMpid	
						1						MPXN	
data	SVZZZ11 webhook.tariff.update	0-0			G								
						1						supplierMpid	
						1						tariff_id	



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data	SVZZZ11 webhook.consent.revoked	0-0			G									
						1							supplierMpid	
						1							MPXN	
data	SVZZZ11 webhook.supplier.change	0-0			G									
						1							supplierMpid	
						1							MPXN	
data	SVZZZ11 webhook.supplier.cessation	0-0			G									
						1							supplierMpid	

SVZZZ12 – Notifications Tariff.Update - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZ12 headers	1-1		G									
					1							TI Webhook Id	
					1							TI Webhook Timestamp	
					1							TI Webhook Signature	



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data	SVZZZ12 body	1-1		G									
					1								Tariff Event Type
					1								TI Event Timestamp
data	SVZZZ12 webhook.tariff.change	0-0		G									
						1							supplierMpid
						1							MPXN
data	SVZZZ12 webhook.tariff.update	1-1		G									
						1							supplierMpid
						1							Tariff Id
data	SVZZZ12 webhook.consent.revoked	0-0		G									
						1							supplierMpid
						1							MPXN
data	SVZZZ12 webhook.supplier.change	0-0		G									
						1							supplierMpid
						1							MPXN
data	SVZZZ12 webhook.supplier.cessation	0-0		G									



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						1							supplierMpid	
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SVZZZ13 - Notifications Consent.Revoked - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZ13 headers	1-1		G									
					1							TI Webhook Id	
					1							TI Webhook Timestamp	
					1							TI Webhook Signature	
data	SVZZZ13 body	1-1		G									
					1							Tariff Event Type	
					1							TI Event Timestamp	
data	SVZZZ13 webhook.tariff.change	0-0			G								
						1						supplierMpid	
						1						MPXN	



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data	SVZZZ13 webhook.tariff.update	0-0			G									
						1							supplierMpid	
						1							Tariff Id	
data	SVZZZ13 webhook.consent.revoked	1-1			G									
						1							supplierMpid	
						1							MPXN	
data	SVZZZ13 webhook.supplier.change	0-0			G									
						1							supplierMpid	
						1							MPXN	
data	SVZZZ13 webhook.supplier.cessation	0-0			G									
						1							supplierMpid	

SVZZZ14 – Notifications Supplier.Change - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZ14 headers	1-1		G									



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					1							TI Webhook Id	
					1							TI Webhook Timestamp	
					1							TI Webhook Signature	
data	SVZZZ14 body	1-1		G									
					1							Tariff Event Type	
					1							TI Event Timestamp	
data	SVZZZ14 webhook.tariff.change	0-0		G									
						1						supplierMpid	
						1						MPXN	
data	SVZZZ14 webhook.tariff.update	0-0		G									
						1						supplierMpid	
						1						Tariff Id	
data	SVZZZ14 webhook.consent.revoked	0-0		G									
						1						supplierMpid	
						1						MPXN	
data	SVZZZ14	1-1		G									



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	webhook.supplier.change													
						1							supplierMpid	
						1							MPXN	
data	SVZZZ14 webhook.supplier.cessation	0-0			G									
						1							supplierMpid	

SVZZZ15 – Notifications Supplier.Cessation - Message Structure

Group ID	Group Description	Range	Condition	L1	L2	L3	L4	L5	L6	L7	L8	Data Item Name	Value Rule
data	SVZZZ15 headers	1-1		G									
					1							TI Webhook Id	
					1							TI Webhook Timestamp	
					1							TI Webhook Signature	
data	SVZZZ15 body	1-1		G									
					1							Tariff Event Type	



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					1							TI Event Timestamp	
data	SVZZZ15 webhook.tariff.change	0-0			G								
						1						supplierMpid	
						1						MPXN	
data	SVZZZ15 webhook.tariff.update	0-0			G								
						1						supplierMpid	
						1						Tariff Id	
data	SVZZZ15 webhook.consent.revoked	0-0			G								
						1						supplierMpid	
						1						MPXN	
data	SVZZZ15 webhook.supplier.change	0-0			G								
						1						supplierMpid	
						1						MPXN	
data	SVZZZ15 webhook.supplier.cessation	1-1			G								
						1						supplierMpid	



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