

Data Standards Body

Technical Working Group

Decision Proposal 190 – Candidate Generic Tariff End Points

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Context

This proposal describes the payloads for the Candidate Generic Tariff Data cluster included in the [energy sector designation instrument](#). This data cluster is designated to be provided by the Australian Energy Regulator (AER) and the Victorian Department of Environment, Land, Water and Planning (DELWP) on behalf of Retailers. To facilitate comparison algorithms the intention is that the structures for this data set will align to the structures for Tailored Tariff Data that is to be provided by Retailers.

This proposal includes feedback obtained in response to the following consultation activities:

- **Decision Proposal 103 - Electricity End Points**
This consultation proposed the paths for APIs in the Energy sector. Feedback provided in response to this consultation can be found at:
<https://github.com/ConsumerDataStandardsAustralia/standards/issues/103>
- **Decision Proposal 111 - Generic Tariff Data Payloads**
This consultation proposed the payloads for Generic Tariff data. Feedback provided in response to this consultation can be found at:
<https://github.com/ConsumerDataStandardsAustralia/standards/issues/111>
- **Decision Proposal 149 - Energy Draft Feedback Cycle 1**
This consultation thread raised and allowed for holistic feedback to be provided on the draft energy standards as a whole. Feedback provided in response to this consultation can be found at:
<https://github.com/ConsumerDataStandardsAustralia/standards/issues/149>
- **Decision Proposal 173 - Energy Draft Feedback Cycle 2**
This consultation thread raised and allowed for second round of holistic feedback to be provided on the draft energy standards as a whole. Feedback provided in response to this consultation can be found at:
<https://github.com/ConsumerDataStandardsAustralia/standards/issues/173>
- **Decision Proposal 180 - Energy Draft Feedback Cycle 3**
This consultation thread raised and allowed for third round of holistic feedback to be provided on the draft energy standards as a whole. Feedback provided in response to this consultation can be found at:
<https://github.com/ConsumerDataStandardsAustralia/standards/issues/173>

Note: This consultation is still active

Decision To Be Made

Define the candidate end point URIs and payloads for Generic Tariff Data.

Identified Options

In discussion with AER and DELWP it has become evident there are parts of the payloads where optionality exists. Also, the desire to reuse these structures for tailored tariff data means that there are some areas where feedback from Energy participants is desired.

These specific areas are outlined in the remainder of this section.

Accommodation of Business Consumers

While AER and DELWP hold tariff data for retail and small business consumers they do not hold tariff information for large business consumers. It is therefore possible that the payloads may not be flexible enough to support tariffs for these consumers.

This is relevant for the future if generic tariff data is to be exposed for business consumers. It is also important if the tariff structures are to be used for tailored tariff under the account detail endpoints where business consumers are in scope.

Specific feedback is requested on what changes or additions should be considered to allow for business tariffs to be represented appropriately.

Green Power

The presence of green power (either intrinsic or additive) to an electricity plan can be determined from the presence of green power charges in the plan detail. There is no ability to filter for this in the plan list API, however.

It has been suggested that a derived flag should be added to the plan summary information. This would, however, be a derived field representing the presence of green power charges in the detail section.

The current recommendation is not to include this field but we request feedback on whether this field would be of significant value.

Intrinsic Green Power

DELWP capture the concept of intrinsic green power. This is where green power is included in the plan but is not specifically charged for. The charges are intrinsic to the plan charges. AER capture this concept as a zero dollar green power charge.

The options for handling this scenario are:

1. Use the AER model of representing this concept as a zero dollar additional charge
2. Add an additional category and fields to green power charges to capture intrinsic green power
3. Add an optional object to capture intrinsic green power separate to green power charges

As the concept of intrinsic green power and additional charges are quite different, and can both occur in the same plan, the DSB has recommend option 3. Specific feedback on the appropriateness of this topic is requested.

Current Recommendation

The recommended URIs and Payloads for generic tariff data is presented in the following sections.

Available Plans End Points Summary

A summary of the publicly available plans end points:

- GET /energy/plans
- GET /energy/plans/{planId}

Summary of Major Changes

Endpoints/Payload	Field/Section	Change Type	Comments
• Both	isContingentField	Added	Concept available for DELWP held plans
• Plan Detail	intrinsicGreenPower	Added	Additional object to capture intrinsic green power for an electricity plan
	demandCharges	Modified	The demandCharges object will be moved out of the time of use section (this was erroneous). The demandCharges object is also added as an option to the rateBlockUType field. The fields in the demandCharges object have been extended to include additional information held by DELWP.
	incentives	Modified	Added category and eligibility fields

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Plan List Data

High Level Information

Title	Obtain a list of energy plans that are currently offered to the market
HTTP Method	GET
URI	/energy/plans
Security Scope	Public (no authentication required)
Pagination	Supported
Path Parameters	None
Query Parameters	<p>type Used to filter results on the type field. Any one of the valid values for this field can be supplied. If absent defaults to include all products</p> <p>fuel-type Used to filter results on the fuelType field. Any one of the valid values for this field can be supplied. If absent defaults to include all products</p> <p>brand Used to filter results on the brand field. If absent defaults to include all products</p> <p>effective If true then only include products that are effective right now and exclude products that may be available at a future time. If false only include products effective in the future. If absent defaults to include all products</p> <p>updated-since Only include products that have been update after the specified date and time. Format for this field follows the format for the DateTimeString common type. If absent defaults to include all products</p> <p>page Page of results to request (standard pagination)</p> <p>page-size Page size to request. Default is 25 (standard pagination)</p>

Request Payload

Not applicable

Response Payloads

HTTP Response Code: 200 OK

Field	Type	Mandatory	Description
data	Object	Mandatory	

Field	Type	Mandatory	Description
{			
plans	Array of Objects	Mandatory	
{{			
planId	ASCIIString	Mandatory	The ID of the specific plan
effectiveFrom	DateTimeString	Optional	The date and time from which this plan is effective (ie. is available for origination). Used to enable the articulation of products to the regime before they are available for customers to originate
effectiveTo	DateTimeString	Optional	The date and time at which this plan will be retired and will no longer be offered. Used to enable the managed deprecation of plans
lastUpdated	DateTimeString	Mandatory	The last date and time that the information for this plan was changed (or the creation date for the plan if it has never been altered)
displayName	String	Mandatory	The display name of the plan
description	String	Optional	A description of the plan
type	Enum	Mandatory	The type of the plan. Must be one of: <ul style="list-style-type: none"> • STANDING • MARKET • REGULATED
fuelType	Enum	Mandatory	The fuel types covered by the plan. Must be one of: <ul style="list-style-type: none"> • ELECTRICITY • GAS • DUAL
isContingentPlan	Boolean	Optional	Flag that indicates that the plan is contingent on the customer taking up an alternate fuel plan from the same retailer (for instance, if the fuelType is ELECTRICITY then a GAS plan from the same retailer must be taken up). Has no meaning if the plan has a fuelType of DUAL. If absent the value is assumed to be false.
brand	ASCIIString	Mandatory	The ID of the brand under which this plan is offered. The brand is only to be used for sub-brands that are clearly aligned to the master brand
brandName	String	Mandatory	The display name of the brand under which this plan is offered
thirdPartyAgentId	String	Optional	The ID of the Third Party through which this plan may be originated
thirdPartyAgentName	String	Optional	The display name of the Third Party through which this plan may be originated

Field	Type	Mandatory	Description
applicationUri	URIStrIng	Optional	A link to an application web page where this plan can be applied for
additionalInformation	Object	Optional	Object that contains links to additional information on specific topics
{			
overviewUri	URIStrIng	Optional	A link to a general overview of the plan
termsUri	URIStrIng	Optional	A link to terms and conditions for the plan
eligibilityUri	URIStrIng	Optional	A link to detail on eligibility criteria for the plan
pricingUri	URIStrIng	Optional	A link to detail on pricing for the plan
bundleUri	URIStrIng	Optional	A link to detail on bundles that this plan can be a part of
}			
customerType	Enum	Optional	The type of customer that the plan is offered to. If absent then the plan is available to all customers. Must be one of: <ul style="list-style-type: none"> RESIDENTIAL BUSINESS Note that the delineation between categories is determined by the retailer offering the plan
geography	Object	Optional	Describes the geographical area that the plan is available for. If absent then it is assumed the plan is not geographically limited
{			
excludedPostcodes	Array of Strings	Optional	Array of valid Australian post codes that are specifically excluded from the plan
includedPostcodes	Array of Strings	Optional	Array of valid Australian post codes that are included from the plan. If absent defaults to all non-excluded post codes
supplyAreas	Array of Objects	Optional	Array of supply areas for which this plan is available
{{			
supplyAreald	ASCIIString	Mandatory	ID of the supply area
name	String	Mandatory	Display name of the supply area
distributor	String	Optional	The name of the distributor for the supply area

Field	Type	Mandatory	Description
state	Enum	Optional	The Australian state that the plan is applicable to. Valid values are defined by Australia Post PAF code file State Type Abbreviation . For example: NSW, QLD, VIC, NT, WA, SA, TAS, ACT, AAT
}}			
}			
}}			
}			
links	Object	Mandatory	
{			
self	URIString	Mandatory	Fully qualified link to this API call
first	URI	Conditional	URI to the first page of this set. Mandatory if this response is not the first page
prev	URI	Conditional	URI to the previous page of this set. Mandatory if this response is not the first page
next	URI	Conditional	URI to the next page of this set. Mandatory if this response is not the last page
last	URI	Conditional	URI to the last page of this set. Mandatory if this response is not the last page
}			
meta	Object	Mandatory	
{			
totalRecords	PositiveInteger	Mandatory	The total number of records in the full set
totalPages	PositiveInteger	Mandatory	The total number of pages in the full set
}			

Plan Detailed Data

High Level Information

Title	Obtain detailed information on a single energy plan offered openly to the market
HTTP Method	GET
URI	/energy/plans/{planId}
Security Scope	Public (no authentication required)
Pagination	Not supported
Specific Errors	Not supported – 400 and 422 not expected to be returned
Path Parameters	planId ID of the specific plan requested
Query Parameters	None

Request Payload

Not applicable

Response Payloads

HTTP Response Code: 200 OK

Field	Type	Mandatory	Description
data	Object	Mandatory	
{			
planId	ASCIIString	Mandatory	The ID of the specific plan
effectiveFrom	DateTimeString	Optional	The date and time from which this plan is effective (ie. is available for origination). Used to enable the articulation of products to the regime before they are available for customers to originate
effectiveTo	DateTimeString	Optional	The date and time at which this plan will be retired and will no longer be offered. Used to enable the managed deprecation of plans
lastUpdated	DateTimeString	Mandatory	The last date and time that the information for this plan was changed (or the creation date for the plan if it has never been altered)
displayName	String	Mandatory	The display name of the plan
description	String	Optional	A description of the plan

Field	Type	Mandatory	Description
type	Enum	Mandatory	The type of the plan. Must be one of: <ul style="list-style-type: none"> • STANDING • MARKET • REGULATED
fuelType	Enum	Mandatory	The fuel types covered by the plan. Must be one of: <ul style="list-style-type: none"> • ELECTRICITY • GAS • DUAL
isContingentPlan	Boolean	Optional	Flag that indicates that the plan is contingent on the customer taking up an alternate fuel plan from the same retailer (for instance, if the fuelType is ELECTRICITY then a GAS plan from the same retailer must be taken up). Has no meaning if the plan has a fuelType of DUAL. If absent the value is assumed to be false.
brand	ASCIIString	Mandatory	The ID of the brand under which this plan is offered. The brand is only to be used for sub-brands that are clearly aligned to the master brand
brandName	String	Mandatory	The display name of the brand under which this plan is offered
thirdPartyAgentId	String	Optional	The ID of the Third Party through which this plan may be originated
thirdPartyAgentName	String	Optional	The display name of the Third Party through which this plan may be originated
applicationUri	URIString	Optional	A link to an application web page where this plan can be applied for
additionalInformation	Object	Optional	Object that contains links to additional information on specific topics
{			
overviewUri	URIString	Optional	A link to a general overview of the plan
termsUri	URIString	Optional	A link to terms and conditions for the plan
eligibilityUri	URIString	Optional	A link to detail on eligibility criteria for the plan
pricingUri	URIString	Optional	A link to detail on pricing for the plan
bundleUri	URIString	Optional	A link to detail on bundles that this plan can be a part of
}			

Field	Type	Mandatory	Description
customerType	Enum	Optional	The type of customer that the plan is offered to. If absent then the plan is available to all customers. Must be one of: <ul style="list-style-type: none"> RESIDENTIAL BUSINESS Note that the delineation between categories is determined by the retailer offering the plan
geography	Object	Optional	Describes the geographical area that the plan is available for. If absent then it is assumed the plan is not geographically limited
{			
excludedPostcodes	Array of Strings	Optional	Array of valid Australian post codes that are specifically excluded from the plan
includedPostcodes	Array of Strings	Optional	Array of valid Australian post codes that are included from the plan. If absent defaults to all non-excluded post codes
supplyAreas	Array of Objects	Optional	Array of supply areas for which this plan is available
[[
supplyAreald	ASCIIString	Mandatory	ID of the supply area
name	String	Mandatory	Display name of the supply area
distributor	String	Optional	The name of the distributor for the supply area
state	Enum	Optional	The Australian state that the plan is applicable to. Valid values are defined by Australia Post PAF code file State Type Abbreviation . For example: NSW, QLD, VIC, NT, WA, SA, TAS, ACT, AAT
}}			
}			
meteringCharges	Array of Objects	Optional	Charges for metering included in the plan
[[
name	String	Mandatory	Display name of the charge
description	String	Optional	Description of the charge
minimumValue	AmountString	Mandatory	Minimum value of the charge if the charge is a range or the absolute value of the charge if no range is specified
maximumValue	AmountString	Optional	The upper limit of the charge if the charge could occur in a range

Field	Type	Mandatory	Description
period	ExternalRef	Optional	The charges that occur on a schedule indicates the frequency. Formatted according to ISO 8601 Durations (excludes recurrence syntax)
}}			
gasContract	Object Note that the structure of this object is identical to: <i>electricityContract</i>	Conditional	The details of the terms for the supply of electricity under this plan. Is mandatory if fuelType is set to GAS or DUAL
electricityContract	Object	Conditional	The details of the terms for the supply of electricity under this plan. Is mandatory if fuelType is set to ELECTRICITY or DUAL
{			
additionalFeeInformation	String	Optional	Free text field containing additional information of the fees for this contract
pricingModel	Enum	Mandatory	The pricing model for the contract. Must be one of: <ul style="list-style-type: none"> • SINGLE_RATE • SINGLE_RATE_CONT_LOAD • TIME_OF_USE • TIME_OF_USE_CONT_LOAD • FLEXIBLE • FLEXIBLE_CONT_LOAD • QUOTA Contracts for gas must use SINGLE_RATE
termType	Enum	Optional	The term for the contract. If absent assumes no specified term. Must be one of: <ul style="list-style-type: none"> • 1_YEAR • 2_YEAR • 3_YEAR • 4_YEAR • 5_YEAR • ONGOING • OTHER
timeZone	Enum	Conditional	Required if pricingModel is set to TIME_OF_USE. Defines the time zone to use for calculation of the time of use thresholds. Must be one of: <ul style="list-style-type: none"> • LOCAL • AEST
benefitPeriod	String	Conditional	Description of the benefit period. Should only be present if termType has the value ONGOING
terms	String	Optional	Free text description of the terms for the contract

Field	Type	Mandatory	Description
isFixed	Boolean	Mandatory	Flag indicating whether prices are fixed or variable. If this field is true then it indicates the energy charges are fixed for the duration of the contract term, or benefit period
variation	String	Conditional	Free text description of price variation policy and conditions for the contract. Mandatory if isFixed is true
onExpiryDescription	String	Optional	Free text field that describes what will occur on or prior to expiry of the fixed contract term or benefit period
meterTypes	Array Of Strings		An array of the meter types that this contract is available for
coolingOffDays	PositiveInteger	Conditional	Number of days in the cooling off period for the contract. Mandatory for plans with type of MARKET
billFrequency	Array Of ExternalRef	Mandatory	An array of the available billing schedules for this contract. Formatted according to ISO 8601 Durations (excludes recurrence syntax)
controlledLoad	Object	Conditional	Required if pricing model is SINGLE_RATE_CONT_LOAD or TIME_OF_USE_CONT_LOAD
{			
displayName	String	Mandatory	A display name for the controlled load tier
description	String	Optional	A description of the controlled load tier
dailyCharge	AmountString	Mandatory	The daily supply charge (exclusive of GST) for this controlled load tier
period	ExternalRef	Mandatory	The period for which the controlled load rate applies. Formatted according to ISO 8601 Durations (excludes recurrence syntax)
rates	Array Of Objects	Mandatory	Array of controlled load rates in order of usage volume
[{			
unitPrice	AmountString	Mandatory	Unit price of usage per kWh (exclusive of GST)
volume	Number	Optional	Volume in kWh that this rate applies to. Only applicable for 'stepped' rates where different rates apply for different volumes of usage in a period
}]			
}			

Field	Type	Mandatory	Description
paymentOption	Arrau Of Enums	Mandatory	Payment options for this contract. Each item must be one of: <ul style="list-style-type: none"> • PAPER_BILL • CREDIT_CARD • DIRECT_DEBIT • BPAY • OTHER
incentives	Array Of Objects	Optional	Optional list of incentives available for the contract
{{			
displayName	String	Mandatory	The display name of the incentive
description	String	Mandatory	The description of the incentive
category	Enum	Mandatory	The type of the incentive. Must be one of: <ul style="list-style-type: none"> • GIFT • ACCOUNT_CREDIT • OTHER
eligibility	String	Optional	A display message outlining an eligibility criteria that may apply
}}			
discounts	Array Of Objects	Optional	Optional list of discounts available for the contract
{{			
displayName	String	Mandatory	The display name of the discount
description	String	Optional	The description of the discount
type	Enum	Mandatory	The type of the discount. Must be one of: <ul style="list-style-type: none"> • CONDITIONAL • GUARANTEED
category	Enum	Conditional	The type of the discount. Mandatory if the discount type is CONDITIONAL. Must be one of: <ul style="list-style-type: none"> • PAY_ON_TIME • DIRECT_DEBIT • GUARANTEED_DISCOUNT • OTHER
endDate	DateString	Optional	Optional end date for the discount after which the discount is no longer available
methodUType	Enum	Mandatory	The method of calculation of the discount. Must be one of: <ul style="list-style-type: none"> • percentOfBill • percentOfUse • fixedAmount • percentOverThreshold

Field	Type	Mandatory	Description
percentOfBill	Object	Conditional	Required if methodUType is percentOfBill
{			
rate	RateString	Mandatory	The rate of the discount applied to the bill amount
}			
percentOfUse	Object	Conditional	Required if methodUType is percentOfUse
{			
rate	RateString	Mandatory	The rate of the discount applied to the usageamount
}			
fixedAmount	Object	Conditional	Required if methodUType is fixedAmount
{			
amount	AmountString	Mandatory	The amount of the discount
}			
percentOverThreshold	Object	Conditional	Required if methodUType is percentOverThreshold
{			
rate	RateString	Mandatory	The rate of the discount over the usage amount
usageAmount	AmountString	Mandatory	The usage amount threshold above which the discount applies
}			
}}			
intrinsicGreenPower	Object	Optional	Describes intrinsic green power for the plan. If present then the plan includes a percentage of green power in the base plan
{			
greenPercentage	RateString	Mandatory	Percentage of green power intrinsically included in the plan
}			
greenPowerCharges	Array Of Objects	Optional	Optional list of charges applicable to green power
{{			
diplsayName	String	Mandatory	The display name of the charge
description	String	Optional	The description of the charge

Field	Type	Mandatory	Description
type	Enum	Mandatory	The type of charge. Must be one of: <ul style="list-style-type: none"> FIXED_PER_DAY FIXED_PER_WEEK FIXED_PER_MONTH FIXED_PER_UNIT PERCENT_OF_USE PERCENT_OF_BILL
tiers	Array Of Object	Mandatory	Array of charge tiers based on the percentage of green power used for the period implied by the type. Array is in order of increasing percentage of green power
{			
percentGreen	RateString	Mandatory	The upper percentage of green power used applicable for this tier
rate	RateString	Conditional	The rate of the charge if the type implies the application of a rate
amount	AmountString	Conditional	The amount of the charge if the type implies the application of a fixed amount
}			
}}			
eligibility	Array Of Objects	Optional	Eligibility restrictions or requirements
{{			
type	Enum	Mandatory	The type of the eligibility restriction. Must be one of: <ul style="list-style-type: none"> EXISTING_CUST EXISTING_POOL EXISTING_SOLAR EXISTING_BATTERY EXISTING_SMART_METER EXISTING_BASIC_METER SENIOR_CARD SMALL_BUSINESS NO_SOLAR_FIT NEW_CUSTOMER ONLINE_ONLY REQ_EQUIP_SUPPLIER THIRD_PARTY_ONLY SPORT_CLUB_MEMBER ORG_MEMBER SPECIFIC_LOCATION MINIMUM_USAGE LOYALTY_MEMBER GROUP_BUY_MEMBER OTHER

Field	Type	Mandatory	Description
information	String	Mandatory	Information of the eligibility restriction specific to the type of the restriction
description	String	Optional	A description of the eligibility restriction
}}			
fees	Array Of Objects	Optional	An array of fees applicable to the plan
{{			
type	Enum	Mandatory	The type of the fee. Must be one of: <ul style="list-style-type: none"> EXIT ESTABLISHMENT LATE_PAYMENT DISCONNECTION DISCONNECT_MOVE_OUT DISCONNECT_NON_PAY RECONNECTION CONNECTION PAYMENT_PROCESSING CC_PROCESSING CHEQUE_DISHONOUR DD_DISHONOUR MEMBERSHIP CONTRIBUTION PAPER_BILL OTHER
term	Enum	Mandatory	The term of the fee. Must be one of: <ul style="list-style-type: none"> FIXED 1_YEAR 2_YEAR 3_YEAR 4_YEAR 5_YEAR PERCENT_OF_BILL ANNUAL MONTHLY BIANNUAL
amount	AmountString	Conditional	The fee amount. Required if term is not PERCENT_OF_BILL
rate	RateString	Conditional	The fee rate. Required if term is PERCENT_OF_BILL
description	String	Optional	A description of the fee
}}			
solarFeedInTariff	Array Of Objects	Optional	Array of feed in tariffs for solar power
{{			

Field	Type	Mandatory	Description
type	Enum	Mandatory	The type of the tariff. Must be one of: <ul style="list-style-type: none"> GOVERNMENT RETAILER
amount	AmountString	Conditional	The tariff amount per kWh
description	String	Optional	A description of the tariff
}}			
tariffPeriod	Array Of Objects	Mandatory	Array of tariff periods
{{			
displayName	String	Mandatory	The name of the tariff period
startDate	String	Conditional	The start date of the tariff period in a calendar year. Required if there is more than one period. Formatted in mm-dd format
endDate	String	Conditional	The end date of the tariff period in a calendar year. Required if there is more than one period. Formatted in mm-dd format
dailySupplyCharges	AmountString	Mandatory	The amount of access charge for the tariff period, in cents per day exclusive of GST.
rateBlockUType	Enum	Mandatory	Specifies the type of rate applicable to this tariff period. Must be one of: <ul style="list-style-type: none"> singleRate timeOfUseRates demandCharges
singleRate	Object	Conditional	Object representing a single rate. Required if rateBlockUType is singleRate
{			
displayName	String	Mandatory	Display name of the rate
description	String	Optional	Description of the rate
generalUnitPrice	AmountString	Conditional	The block rate (unit price) for any usage above the included fixed usage, in cents per kWh inclusive of GST. Only required if pricingModel field is 'QUOTA'
period	ExternalRef	Optional	Usage period for which the block rate applies. Formatted according to ISO 8601 Durations (excludes recurrence syntax)
rates	Array Of Objects	Mandatory	Array of controlled load rates in order of usage volume
{{			
unitPrice	AmountString	Mandatory	Unit price of usage per kWh (exclusive of GST)

Field	Type	Mandatory	Description
volume	Number	Optional	Volume in kWh that this rate applies to. Only applicable for 'stepped' rates where different rates apply for different volumes of usage in a period
}}			
}			
timeOfUseRates	Array Of Objects	Conditional	Array of objects representing time of use rates. Required if rateBlockUType is timeOfUseRates
{{			
name	String	Mandatory	Display name of the rate
description	String	Optional	Description of the rate
type	Enum	Mandatory	The type of usage that the rate applies to. Must be one of: <ul style="list-style-type: none"> • PEAK • OFF_PEAK • SHOULDER • SHOULDER1 • SHOULDER2
rates	Array Of Objects	Mandatory	Array of controlled load rates in order of usage volume
{{			
unitPrice	AmountString	Mandatory	Unit price of usage per kWh (exclusive of GST)
volume	Number	Optional	Volume in kWh that this rate applies to. Only applicable for 'stepped' rates where different rates apply for different volumes of usage in a period
}}			
timeOfUse	Array Of Objects	Mandatory	Array of times of use
{{			
days	Array Of Enum	Mandatory	The days that the rate applies to. Must be one of: <ul style="list-style-type: none"> • SUNDAY • MONDAY • TUESDAY • WEDNESDAY • THURSDAY • FRIDAY • SATURDAY • BUSINESS_DAYS
startTime	String	Mandatory	Start of the period in HHMM format using 24 hour clock format

Field	Type	Mandatory	Description
endTime	String	Mandatory	End of the period in HHMM format using 24 hour clock format
}]			
}			
demandCharges	Array Of Objects	Optional	Array of demand charges
{{			
displayName	String	Mandatory	Display name of the charge
description	String	Optional	Description of the charge
amount	AmountString	Conditional	The charge amount per kWh exclusive of GST
startTime	String	Mandatory	Start of the period in HHMM format using 24 hour clock format
endTime	String	Mandatory	End of the period in HHMM format using 24 hour clock format
days	Object	Optional	Optional object containing demand tariff by day of week
{			
weekdays	Boolean	Mandatory	Indicates the demand tariff is applicable on weekdays
saturday	Boolean	Mandatory	Indicates the demand tariff is applicable on Saturdays
sunday	Boolean	Mandatory	Indicates the demand tariff is applicable on Sundays
}			
minDemand	AmounString	Optional	Minimum demand for this demand tariff. If absent then 0 is assumed.
maxDemand	AmounString	Optional	Maximum demand for this demand tariff. If present, must be higher than the value of the minDemand field
measurementPeriod	Enum	Optional	Application period for the demand tariff. Must be one of: <ul style="list-style-type: none"> • DAY • MONTH • SEASON

Field	Type	Mandatory	Description
chargePeriod	Enum	Optional	Charge period for the demand tariff. Must be one of: <ul style="list-style-type: none"> • DAY • MONTH • SEASON
}}			
}}			
}			
}			
links	Object	Mandatory	
{			
self	URIStrng	Mandatory	Fully qualified link to this API call
}			
meta	Object	Optional	
{			
}			