



# Electricity Information Exchange Protocols (EIEP)

EIEP14A: Retailer product information

Regulated

Effective from 30 October 2026

## Version Control

Version	Date amended	Comments
1.0	30 April 2026	Finalisation of EIEP14A file format for publication by the Authority

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# 1 EIEP 14A: Retailer product information

<b>Title:</b>	<b>Electricity Information Exchange Protocol 14A – Retailer product information</b>
<b>Version</b>	1.0
<b>Application:</b>	This protocol applies when a person requests a retailer to provide its generally available tariff rates.
<b>Participants:</b>	Retailers
<b>Code references:</b>	Clause 11.1(g) and 11.32G of Part 11.
<b>Dependencies:</b>	This protocol should be read in conjunction with the connection data available for an ICP from the Authority's web portal.

## Description of when this protocol applies

A retailer must use this protocol when responding to a request from any person that requests the retailer's product information, which may include information about the retailers generally available retail tariff plans, tariff plans which are no longer generally available, but which remain active, and their applicable product identification codes.

If (and only if) a plan's effective tariff rates cannot be represented by the mechanisms described in this protocol, the plan must still be included with tariff rates using REPRESENTATIVE\_TARIFFS code 4, with an explanation of the tariff mechanism included in the plan description.

## Business requirements

1. The protocol is primarily designed to generate a JSON structured object or file. As an additional option, it can be used to develop an alternative file format (such as CSV) conveying the same content as agreed by the requesting and supplying parties.
2. Files or structures using this protocol must use the UTF-8 character encoding, and in recognition of the limitations of some legacy systems this must generally be limited to the US-ASCII subset listed in Table 1. Requesting and supplying parties may nevertheless agree to use a wider set to represent retailer brand names with macrons.
3. If the retailer becomes aware of an error in the file, the retailer must advise the recipient of the error as soon as practicable after becoming aware of the error. The retailer may provide the recipient with a partial or full replacement file.
4. A plan must include the conditions for application of the tariff rates.
5. Where a plan applies to a brand name, the brand name should be identified in the "Retailers name" field, and the parent participant identifier of the brand name should be used in the "Retailer participant identifier" field.
6. Tariff rates included in this format must:
  - a. be GST exclusive
  - b. have the effect of any discounts removed. Where a tariff rate has different discounts applicable, these must be represented through Attribute records.
  - c. include all regular components (such as separate rates, fees, levies etc) making up the plan.
7. A file will consist of:
  - a. an optional single header row
  - b. one or more Retailer rows
  - c. optional named Attribute rows which can be referenced by Customer Groups, Plans, Tariff Types and Tariffs. Applicable attributes are inherited from the containing object, and need not be referenced again at lower levels.
  - d. optional named Schedule rows which can be referenced by Tariff Types if there is a time component

attached to the Tariff Type.

- e. one or more named Tariff Type rows describing the parameters that are to be referenced in Tariffs
  - f. one or more named Tariff Region rows to be referenced in Tariffs
  - g. one or more named Network/Distributor rows to be referenced by Tariff Regions
  - h. one or more Customer Group rows
  - i. one or more Plan rows for each Customer Group. Plans that are not current (i.e. historical or future plans) must be tagged with start and end dates, and with close dates if applicable). A close date earlier than the current date indicates a plan that remains current for existing customers but is no longer "in market".
  - j. one or more Tariff / rate rows for each plan. Historical, future or out-of-market tariff rates under an enduring plan must be tagged with Attribute records for start, end and/or close dates with the same meaning as described for plans above.
8. In this format, the term:
- a. "trader" represents the participant that buys and sells electricity from and to the clearing manager, which may be a retailer, purchaser, or generator
  - a. "retailer" represents the participant that sells electricity to a consumer, which may be a participant that buys electricity from the clearing manager, or a participant that buys electricity from another participant.
9. In this protocol, the following definitions:
- a. Code means the Electricity Industry Participation Code 2010
  - b. day means the measure of time for fixed daily charges
  - c. kWh means kilowatt hour energy (real energy)

<b>Data inputs</b>
Retailer's product information

<b>Data outputs</b>
Completed notification of Retailer's product information for transmission by the retailer to the requestor.

## Specifications

1. EIEP 14A may be used to structure:
    - a. Comma delimited text files (CSV): refer to point 2 below for restrictions.
    - b. JSON files or API responses: elements as described in this format must be used.
  2. To accommodate limitations in some retailers' legacy systems and allow EIEP14 files to be transformed between JSON and CSV:
    - a. The character encoding must be UTF-8, and the character set used in files must be restricted to the US-ASCII subset shown in Appendix A.2 Table 1, unless otherwise agreed by sender and recipient e.g. to represent macrons for retailers' brand names in te reo Māori.
    - b. CSV files should follow the conventions set out in RFC 4180 with the exception that recipients must allow line terminators conforming to the Microsoft (CR-LF), Unix/Linux (LF) or legacy Apple (CR) formats.
    - c. Senders should avoid the use of commas and double quotation marks within fields wherever possible, but if their use cannot be avoided, senders of CSV files must apply the quotation and escaping conventions described in RFC 4180 Section 2, and recipients must recognise these conventions.
  3. Matching of file names, code list values, and other information must not be case sensitive.
  4. If the protocol is used to structure a file:
    - a. the first record of a file must contain header information followed by four (RETAILER, TARIFFREGION, NETWORK, TARIFFGROUP, PLAN, TARIFF, ATTRIBUTE and SCHEDULE) or more detailed lines.
    - b. The file must have a file name that complies with the following, and must have a name that is unique to the month to which the file relates:
 

Sender +  
Utility Type (only "E" must be used) +  
Recipient +  
File Type (only "PRCSCHD" must be used) +  
Report Year and Month (yyyymm) +  
Report Run Date (yyyymmdd) +  
UniqueID# (UUID provided in the header)  
with an extension of .TXT and with the components concatenated using the underscore character, to assist readability.

e.g. TRUS\_E\_UNET\_PRCSCHD\_200007\_20000802\_UniqueID.TXT  
[Char4\_Char1\_Char4\_Char7\_yyyyymm\_yyyyymmdd\_uuid.TXT]
- 1 The specification defines the following hierarchy:
- Retailer. This level specified the retailer that offers the plans and tariffs that follow. Identifiers that link records must be unique per-retailer.
    - Attributes that relate to customers, plans or tariffs. These are collections of additional factors that define the customer, plan or tariff, referenced by a retailer-defined identifier.
    - Schedules that relate to tariffs are a collection of timespans to which a tariff or attribute may be limited.
    - Tariff Type records hold combinations of metering information and other parameters that determine the applicability of corresponding Tariffs.
    - Tariff Regions are groups of Networks in which a given set of tariffs / rates is available.
      - Network records define the combinations of distributors, network supply points and distributor's price and loss codes that define a Tariff Region A Tariff Region with no Network records spans all Networks.
  - Customer type. This level specifies attributes particular to the customer class that the retailer is providing plans for.
  - Plan. A plan is a collection of Tariffs and Attributes that is offered by the retailer. Plans may be nationwide or limited to one or more Tariff Regions.
    - Tariff. A Tariff record provide a collection of single rates that will be applied per defined unit (i.e. \$/kWh, \$/day, \$/month). Some of these may be meter register, timespan or metering configuration dependant.

Field	Format	Retailer to Agent	JSON element/attribute	Validation rules
<b>Header</b>				
A record describing the contents of a file where the protocol is used to format a file as opposed to returning an API structure. Required for CSV files only.				
Header record type	Char 3	C	(Root)	HDR – indicates the row is a header record type.
File type	Char 7	C	FileType	Pricing Information - PRCSCHD.
Version of EIEP	Num 3.3	C	Version	Version of EIEP that is being used for this file.
Sender	Char 20	C	Sender	Name of sending party. Participant identifier to be used if the sender is a participant.
Sent on behalf of	Char 4	C	SentOn BehalfOf	Participant identifier of party on whose behalf data is provided.
Recipient	Char 4	C	Recipient	Party code of recipient or if the same information is provided to multiple parties may be "ANY" If no party code has been assigned by the Authority leave the field blank.
Report run date & time	Char 30 [ISO 8601]	C	RunDateTime	For a file, the date and time the report was run, or the time of the response for an API in ISO 8601 format YYYY-MM-DDTHH:MM:SS<zone-offset> - e.g. 2025-06-23T14:53:17+12
Data extract date & time	Char 30 [ISO 8601]	O	Extract DateTime	If report was run from a snapshot, the date and time when the snapshot was extracted from current data.
Unique file identifier	Char 36 [RFC 9582]	C	Uniquifier	128 bit identifier that uniquely identifies the file or API request/response. Represented as a 36 character RFC 9562 Universal Unique Identifier (UUID) e.g. a9d48b18-6b1e-439c-9d05-9b144543a96e
Number of detailed records	NUM 8	C	RecordCount	Total number of detail records in report Where the information is provided as CSV this is the number of lines in the report. Where the information is provided as JSON this is (optionally) the number of tariffs contained in the file or object.
Utility type	Char 1	C	UtilType	Type of energy supply, use "E" = Electricity or "G" = Gas.
File status	Char 1	C	FileStatus	I (Initial) or R (Replacement) or X (replace only those tariffs contained in this replacement file).
<b>Retailer</b>				
This level specified the retailer that offers the plans and tariffs that follow. Identifiers that link records (e.g. Schedule, Attribute, Network, Tariff Region and Tariff Type identifiers) under the retailer must be unique within that retailer's records.				
Retailer record type	Char 15	M	Retailers[] (in root object)	"RETAILER" – indicates the row defines the retailer that is offering the following plans and tariffs.
Trader participant identifier	Char 4	C	TraderId	Mandatory if a participant identifier has been assigned to the trader by the Authority. Null if the trader does not have a participant identifier.
Retailer participant identifier	Char 4	C	RetailerId	Participant identifier of the retailer assigned by the Authority to the participant that purchases electricity from the clearing manager, that is then on-sold as part of this tariff Null if the retailer does not have a participant identifier.
Retailer name	Char 50	M	RetailerBrand Name	Brand name of retailer.

Field	Format	Retailer to Agent	JSON element/ attribute	Validation rules
<b>Attribute</b> An extendable list of common customer attributes that provides extra information for a Customer Type, Plan or Tariff record. Each Attribute Record must be given a unique identifier (e.g. TARIFF_END_20260820) so that it can be referenced from multiple records.				
Attribute record type	Char 15	M	Attributes[] (in Retailer object)	"ATTRIBUTE" – indicates the attributes or conditions additional to rates that apply to a Customer Group, plan, Tariff Type or Tariff record. Attributes may be inherited from a containing record and need not be re-referenced explicitly in subordinate records.
Attribute record Identifier	Char 20	M	Attributeld	An identifier assigned by the retailer to this attribute record so that it can be referenced from multiple records without repetition.  Must be unique within the retailer and comprise alphanumeric and underscore characters only – no spaces.
Attribute code	Char 50	C	Attribute	The name of the attribute e.g. "ANZSIC", "KVA_MAX", "EXIT_FEE".
Date value	YYYY-MM-DD [ISO 8601]	C	DateValue	Date if attribute is dependent on a date. Null if non-date attribute, e.g. "URL".
Numerical value	Num 20.8	C	NumValue	The numerical value (which may be either +ve or –ve) of the attribute e.g. "10.012345" or "10". Null if non-numerical attribute, e.g. "URL".
Text value	Char 50	C	TextValue	If the Attribute is numeric, the unit of the attribute e.g. "%", "\$"; otherwise a structured text value e.g. "ANZSIC"
Description	Char 1000	C	Description	Unstructured text value or description of the rules of the attribute e.g. "Applicable if paid within 10 business days"

Field	Format	Retailer to Agent	JSON element/attribute	Validation rules
<p><b>Schedule</b></p> <p>A Schedule record defines the period (months, days, hours) when a Tariff Type is available.</p> <p>Each Schedule Record must be given a unique identifier (e.g. WINTER_MONTHS, BUSINESS_DAYS_OFFPEAK ) so that it can be referenced from multiple records.</p> <p>If no schedule record is referenced by a Tariff Type, then applicable period assumed to be available 24x7x365.</p> <p>If there are multiple active periods associated with a Tariff Type, then multiple Schedule records must be referenced so that:</p> <p>a) there is no more than one on and off period per schedule record</p> <p>b) an active period cannot span midnight; if it does, two schedule records must be used:</p> <p>e.g. Off peak: 00:00-06:00 and 22:00-24:00</p>				
Schedule record type	Char 15	M	Schedules[] (in Retailer)	"SCHEDULE" – indicates the schedule(s) for which a tariff rate applies
Schedule record Identifier	Char 20	M	ScheduleId	An identifier assigned by the retailer to this schedule record so that it can be referenced from multiple tariff types without repetition.  Must be unique within the retailer and comprise alphanumeric and underscore characters only – no spaces.
Daylight savings adjustment	Char 1	C	Daylight Savings	Flag indicating the treatment of daylight savings - mandatory if the schedule includes Start/End times: 1 – times are interpreted as UTC+13 when daylight savings is in operation and UTC+12 otherwise (preferred). 2 – times are always interpreted as UTC+12
Start time	HH:MM	C	StartTime	Start time that the tariff is active for during a day expressed as: a) If all day, Null, or 00.00 b) If part of a day, the start time.
End time	HH:MM	C	EndTime	the end time that the tariff is active for during a day expressed as: a) If all day, Null, or 24.00 b) If part of a day, the end time.
Day type	Char 50	M	DayType	The day type that a tariff applies for ANY/Null – no set day type BD – national business day NBD – national non business day WD – weekday WE – weekend LBD – local business day LNBD – local non business day declared in the network tariff structure SBD – special business day declared in the network tariff structure SPNBD – special non business day declared in the network tariff structure Or any combination of days expressed as the first three letters of a day name separated by a space.

Field	Format	Retailer to Agent	JSON element/ attribute	Validation rules
Month	Char 50	M	Month	Month of year that tariff type applies to. ANY/Null or if it applies to selected months, the name of the months that the rate applies to expressed as the first three letters of a month separated by a space
<b>Tariff Type</b>				
Tariff Type records hold combinations of metering information other parameters (including Schedule and Attribute references) that determine the applicability of corresponding Tariffs.				
Tariff Type record type	Char 15	M	TariffTypes[] (in Retailer object)	"TARIFFTYPE" – defines the common parameters for Tariff records
Tariff Type record Identifier	Char 20	M	TariffTypeId	An identifier assigned by the retailer to this Tariff Type record so that it can be referenced from multiple tariff types without repetition.  Must be unique within the retailer and comprise alphanumeric and underscore characters only – no spaces.
Tariff name	Char 50	M	Description	The name of this component used by the retailer and that appears on the customers invoice e.g. "Domestic low fixed charge under 15kVA", "Electricity Authority levy" not necessarily tied to a meter register
Fixed / Variable	Char 1	M	FixedVariable	Identifies a data row as either  "V" for variable where the rate applies to a variable and measured electricity quantity such as volume or demand or in all other cases ...  "F" for fixed
Unit type	Char 25	C	Unit	The type of unit to which the tariff rate applies as per text value type table.
Flow direction indicator	Char 1	C	FlowDirection	For energy tariff components only, the flow direction that the plan is eligible for  X – Consumption only  I – Generation only  B – Both
Register Content Code and Period of Availability	Char 50	C	RCC-POA	A list of Register Content Code – Period of Availability pairs that determine the tariff type, represented as a space-separated list of hyphenated pairs in CSV and a list of [character, integer] pairs in JSON.  This field should be null for Fixed charges (indicated by the Fixed / Variable indicator above) or electricity conveyed charges (e.g. EA levy, meter lease charges).  Also null/omitted if not a determinant of tariff rate eligibility.  Note1: The Register Content Code identifies the register content of a meter register to be eligible for the tariff rate for electricity delivered rate tariff components, as set out in SD-020 of the registry functional specification.  Note 2: The Period of Availability identifies the period of availability of a meter register to be eligible for the tariff rate. Where the RCC-POA field is populated, it should follow the registry specifications – using 0 to indicate that there is no maximum period of control, and 24 to indicate that the load is not actively controlled.

Field	Format	Retailer to Agent	JSON element/ attribute	Validation rules
Schedule Identifiers	Char 200	C	ScheduleIds[]	A list of Schedule record identifiers that determine the times of day, week and/or year when the Tariff Type is available. This is JSON list or space-separate list in CSV (note that identifiers must not contain spaces). Null/omitted if tariff rates are not time dependent.
Attribute Identifiers	CHAR 256	C	AttributeIds[]	A list of Attribute record identifiers that extend or qualify the Tariff Type record and the Tariff records that reference the Tariff Type. This is JSON list or space-separate list in CSV (note that identifiers must not contain spaces). Null/omitted if no attributes are specified at this level.
<b>Tariff Region</b>				
This record identifies a Tariff Region, which is a collection of Network records referenced by all Tariff records that specify a rate that applies within the region.				
Tariff Region record type	Char 15	M	TariffRegions[] (in Retailer)	"TARIFFREGION" – comprises zero or more networks that share common tariffs. A Tariff Region with no Networks (null/omitted field) denotes all Networks / distributors.
Tariff Region identifier	Char 20	M	TariffRegionId	An identifier assigned by the retailer to this tariff region record so that it can be referenced from multiple tariff records without repetition – e.g. "LOWER_NI_RSU", "ALL_NZ"  Must be unique within the retailer and comprise alphanumeric and underscore characters only – no spaces.
Description	Char 50	O	Description	A description of the network grouping e.g. "Lower North Island Networks with Residential Standard User DPC", "Auckland Central primary and embedded Networks".
<b>Network</b>				
This record identifies a network that forms part of a Tariff Region.				
Network record type	Char 15	M	Networks[] (in TariffRegion)	"NETWORK" – defines the network in which a set of tariff rates apply.
Distributor participant identifier	Char 4	C	Network	Distributor's participant identifier that the tariff and/or plan is applicable for. Details of the distributor's network are obtainable for an ICP from the registry web portal.
NSP	Char 200	C	NSP[]	Network supply point where tariff rates are specific to 1 or more NSPs eg CPK0331CKHK.  Represented as a list of strings in JSON. Separate NSPs with a space in CSV format where there are multiple NSPs.  Mandatory if the tariff rates are applicable to a subset of the Distributor's NSPs.  Null if not applicable
Distributor price category code	Char 200	C	DistributorPrice Category[]	Price category code where a tariff rate is specific to 1 or more price category codes.  Represented as a list of strings in JSON. Separate codes with a space in CSV format where there are multiple codes.  Mandatory if the tariff rates are specific to price category codes.  Null if not applicable

Field	Format	Retailer to Agent	JSON element/attribute	Validation rules
Distributor loss category code	Char 50	C	DistributorLoss Category[]	Loss category code where a tariff rate is specific to 1 or more loss category codes. Represented as a list of strings in JSON. Separate codes with a space in CSV format where there are multiple codes. Mandatory if the tariff rates are specific to loss category codes. Null if not applicable
<b>Customer Type</b> This record specifies attributes particular to the customer class that the retailer is providing plans for				
Customer record type	Char 15	M	Customer Groups[] (in Retailer)	Must be "CUSTOMER"
Customer text	Char 1000	C	CustomerGroup	Text value or description of the rules for allocation to customers. Null if there are no rules (i.e. the contained plans are open to all customers)
Attribute Identifiers	Char 200	C	Attributelds[]	A list of Attribute Record Identifiers that apply to the Customer Group and its Plans. This is a JSON list or space-separate list in CSV (note that identifiers must not contain spaces). Null/omitted if no attributes are specified at this level.
<b>Plan</b> Plan. A plan is a collection of Tariffs that is offered by the retailer within a Customer Type. Plans may be nationwide or limited to one or more Tariff Regions.				
Plan record type	Char 15	M	Plans[] (in Customer Group)	"PLAN" – indicates the row is a tariff plan record.
Product Identification code	Char 32	M	PlanId	In accordance with the Electricity Participation Industry Code 2010 product identification code means the unique code assigned by a retailer in accordance with clause 11.32AA to certain of its retail tariff plans. 11.32AA provides that each retailer must apply a unique product identification code to each of its retail tariff plans that come within clause 11.32G(1).
Retailer's plan description	Char 50	M	Description	A plan description assigned by a retailer that is unique to the plan across all retailers' plans.
Start date of plan	YYYY-MM-DD [ISO 8601]	C	StartDate	The start date of the plan. May be null if the start date is more than two years in the past.
End date of plan	YYYY-MM-DD [ISO 8601]	C	EndDate	The end date of the plan if it is known or in the past for historical plans. Null if there is no end date
Close date	YYYY-MM-DD [ISO 8601]	C	CloseDate	The final date a customer can be signed up to the plan (no new customers after this date). Null if there is no close date or the close date is the same as the end date.

Field	Format	Retailer to Agent	JSON element/attribute	Validation rules
Low Fixed Charge	Char 1	M	LowFixed Charge	'Y' if provided as low fixed charge plan under the "Electricity (Low Fixed Charge Tariff Option for Domestic Consumers) Regulations 2004" otherwise "N"
Attribute Identifiers	CHAR 256	C	Attributelds[]	A list of Attribute record identifiers that extend or qualify the plan record and/or its tariffs. This is a JSON list or space-separate list in CSV (note that identifiers must not contain spaces). Null/omitted if no attributes are specified at Plan level.
<b>Tariff</b> Tariff. A Tariff record provides a collection of single rates that will be applied per defined unit (ie \$/kWh, \$/day, \$/month). Some of these may be meter register, timespan or metering configuration dependant, as defined by the referenced Tariff Type record				
Tariff record type	Char 15	M	Tariffs[] (in Plan object)	"TARIFF" – defines the eligible rates for the plan.
Retailer's tariff identifier	Char 50	C	Tariff	A retailer identifier description or code assigned by a retailer that is unique to the tariff rate Mandatory if tariff identifier used in published information
Tariff Region Identifier	Char 20	C	TariffRegionId	Reference to the group of Networks for which this rate applies Null/omitted if rates are common across all networks.
Tariff Type Identifier	Char 20	M	TariffTypeId	Reference to the Tariff Type record that holds the common parameters for this rate (description, direction, RCC, PoA, units, schedules, attributes)
Tariff rate	Num 6.6	M	Rate	The specific tariff rate in either a) where unit type in the referenced Tariff Type is spot + %, % of cost. In all other cases: b) dollars per unit type
Attribute Identifiers	CHAR 256	C	Attributelds[]	A list of Attribute record identifiers that extend or qualify the Tariff record. This is a JSON list or space-separate list in CSV (note that identifiers must not contain spaces). Most Tariff Attributes except start, stop and close dates should be inherited from higher levels in the hierarchy (Customer, Plan or TariffType) Null/omitted if no attributes are specified at tariff level.

## Appendix A: Optional attributes list, Definitions, Protocol Specifications, ASCII character set, and text value table

A.1 Optional attributes list: to be confirmed and extended over time.

Code	Where attributes used			Values/Description
	Customer	Plan	Tariff	
ANZSIC	✓			The customer's type that the tariff applies to 1 – domestic residential only 2 – domestic non-residential (ie holiday) only 3 – retail only 4 – commercial only 5 – industrial only  or Valid codes separated by a space, from a list of Australian and New Zealand Standard Industrial Classification codes stored in the registry reference tables with an additional code 000000 to indicate a residential customer. Mandatory if eligibility applies. Assumed 000000 if not.
BATTERY_STORAGE_PLAN		✓		Plan intended for a customer with local battery storage capacity.
BUNDLED_GAS	✓	✓	✓	Indicates that the tariff is only available bundled with gas
BUNDLED_OTHER	✓	✓	✓	Use the free text field to describe the bundling requirements As necessary, other codes may be approved by the Authority and appended to this document
CLAW BACK		✓		Claw back of a joining bonus or other benefit should the contract period be broken
CREDIT_CARD_ALLOWED	✓	✓		The plan supports payment by credit card
CREDIT_CARD_FEE	✓	✓		Fee (fixed or %) charged for a credit card payment, if any.
CREDIT_CHECK	✓	✓		Indicates that a satisfactory credit check is necessary for eligibility
DISCONNECTION_FEE_NON_PAYMENT	✓	✓		Fee for disconnection for non-payment.
DISCONNECTION_FEE_VOLUNTARY	✓	✓		Fee for customer-requested disconnection. Multiple instances may be attached to a plan each with a description field indicating distinct fees for (e.g.) manual vs remote and out-of-hours vs business hours disconnections.
DISCOUNT_PROMPT_PAYMENT	✓	✓		Discount for prompt payment
DISCOUNT_PAYMENT_CUSTOMER_INITIATED	✓	✓		Discount for customer-initiated automatic payment (Direct Credit)
DISCOUNT_PAYMENT_RETAILER_INITIATED	✓	✓		Discount for customer-initiated automatic payment (Direct Debit)

DISCOUNT_OTHER	✓	✓	✓	
DISCOUNT_ELECTRONIC_BILL	✓	✓		Discount for electronic billing
EXIT_FEE	✓	✓		Break fee
ELECTRIC_VEHICLE_PLAN		✓		Plan intended for an electric vehicle user.
ELECTRONIC_BILL_ONLY	✓	✓		Paper billing is not supported
FIXED_TERM_DATE		✓	✓	Date at which a fixed term for a tariff begins
FIXED_TERM_PERIOD		✓	✓	Duration of a fixed term
FIXED_PRICE_DURING_THE_TERM		✓	✓	Designates a fixed price guarantee during the term
FREE_HOURS_PER_MONTH	✓	✓		The plan includes a specified number of free hours per month
FREE_HOURS_PERCENT_USAGE	✓	✓		The plan includes a specified number of free hours based on dollars spent or kWh used
FUSE_SIZE_MIN		✓	✓	
FUSE_SIZE_MAX		✓	✓	
GENERATION_ONLY		✓		Indicates a plan includes electricity generation (flow direction "I") tariffs only
KWH_MIN		✓	✓	Minimum monthly consumption to be eligible for a plan, or lower band threshold for a banded tariff (where permitted).
KWH_MAX		✓	✓	Maximum monthly consumption to be eligible for a plan, or upper band threshold for a banded tariff (where permitted).
KVA_MAX		✓	✓	
KVA_MIN		✓	✓	
LATE_PAYMENT_FEE	✓	✓		
LOSS_ADJUSTMENT		✓	✓	Indicator that electricity tariff rates are loss exclusive, and local and/or embedded network losses must be applied to either the electricity volume, demand or tariff rates 1 – losses are included in the tariff rates 2 – losses are excluded from the tariff rates
METER_TYPE_AMI	✓	✓	✓	The plan is only eligible for ICPs with an AMI meter and operating two-way communications
METER_TYPE_C_AND_I	✓	✓	✓	The plan is only eligible for ICPs with an HHR C&I time of use meter
METER_TYPE_NHH	✓	✓	✓	The plan is only eligible for ICPs with NHH meter registers that are not prepay
METER_TYPE_PP	✓	✓	✓	The plan is only eligible for ICPs with prepay meter registers
OTHER_GENERATION_PLAN		✓		Plan intended for non-solar generation (e.g. wind)

PAPER_BILL_FEE	✓	✓	Fee for a paper bill	
PHASES		✓	✓	The number of phases that the plan is eligible for apply for which may be 1 – single phase 2 – two phase 3 – three phase 4 – any number of phases
PREPAID_ONLY	✓	✓	✓	Indicates plans or tariffs that are only available if prepaid. For Tariff, this may be combined with limited availability periods and consumption limits to achieve a "Pack" representation.
RECONNECTION_FEE	✓	✓	Fee for reconnection. Multiple instances may be attached to a plan with a description field indicating distinct fees for (e.g.) manual vs remote and out-of-hours vs business hours reconnections.	
REPRESENTATIVE_TARIFFS		✓	✓	Indicates basis of tariff structure. 1 – Tariffs are fixed rates 2 – Tariffs are a mix of variable rates over and above spot rates, represented in the tariff record as a percentage of spot price. 3 – Tariffs are variable rates that are over and above spot rates as above but with a fixed volume hedge 4 – Tariffs are unknown/estimated for a period. This code may be used only if the effective rate cannot be determined using other mechanisms described in this document.
SIGNON_FEE	✓	✓	Entrance fee	
SIGNON_BOND	✓	✓	Bond requirements	
SIGNON_BONUS	✓	✓	Sign on credit/value/bonus	
SOLAR_GENERATION_PLAN		✓	Plan intended for a customer with solar generation.	
SURCHARGE	✓	✓	Applies to certain types of payments	
TARIFF_START_DATE			✓	Date when the tariff rate came or will come into effect
TARIFF_END_DATE			✓	Date after which the tariff rate was or will be superseded
TARIFF_CLOSE_DATE			✓	Date after which the tariff will no longer be offered if subject to FIXED_PRICE_DURING_THE_TERM
TERMS_AND_CONDITIONS	✓	✓	✓	Additional terms and conditions, free text
URL		✓	✓	Web link for more information, free text
WHOLESALE_REFERENCE_NODE		✓	✓	Reference node applying to spot-price related plans and tariffs. Permitted values: "GXP", or a specific node identifier.

## A.2 Character set (refer Specifications paragraphs 2.a and 2.c)

**Table 1: US-ASCII character set for use within fields of EIEP 14**

Character	ASCII	Character	ASCII	Character	ASCII
32	Space	64	@	96	`
33	!	65	A	97	a
34	"	66	B	98	b
35	#	67	C	99	c
36	\$	68	D	100	d
37	%	69	E	101	e
38	&	70	F	102	f
39	'	71	G	103	g
40	(	72	H	104	h
41	)	73	I	105	i
42	*	74	J	106	j
43	+	75	K	107	k
44	,	76	L	108	l
45	-	77	M	109	m
46	.	78	N	110	n
47	/	79	O	111	o
48	0	80	P	112	p
49	1	81	Q	113	q
50	2	82	R	114	r
51	3	83	S	115	s
52	4	84	T	116	t
53	5	85	U	117	u
54	6	86	V	118	v
55	7	87	W	119	w
56	8	88	X	120	x
57	9	89	Y	121	y
58	:	90	Z	122	z
59	;	91	[	123	{
60	<	92	\	124	
61	=	93	]	125	}
62	>	94	^	126	~
63	?	95	_		

## A.3 Text value table.

**Table 2: Text value table**

<b>Unit</b>	<b>Description</b>
Day	Period measured in days
Week	Period measured in weeks
Month	Period measured in months
kWh	kilowatt hour energy (real energy)
kW	kilowatt demand (real power)
kVAh	kilovolt ampere hour energy (apparent energy)
kVA	kilovolt ampere demand (apparent power)
kVArh	kilovolt ampere reactive hour energy (reactive energy)
kVAr	kilovolt ampere reactive demand (reactive power)
kVAkm	kilovolt ampere multiplied by kilometres
Day	Measure of time for fixed daily charges
PF	Power factor
Equipment	Fixed charges for specific equipment (eg transformers)
Note: This list is not exhaustive, alternative units and descriptions may be used if contained in the distributors price schedule.	

## Appendix B: CSV file format examples

### Example 1

Simple example available to the entire Wellington (CKHK) region from 'A Simple Retailer Ltd'.

- a. Two basic plans, (LFC and SFC both covering IN, CN and UN tariffs) for domestic consumers
- b. Demonstrates the use of Tariff attributes to signal a price change in the fixed daily charge

```
HDR,PRCSCHD,2.011,ASRL,ASRL,ANY,2016-05-22T12:23:45+12,,c7d90f3a-d62b-4923-95c4-4aef120d831e,26,E,I
RETAILER,ASRL,ASRL,Simple Retailer Ltd
ATTRIBUTE,AT_anzsic_000000,ANZSIC,,,000000,
ATTRIBUTE,AT_RATES_START_20250401,TARIFF_START_DATE,2025-04-01,,,
ATTRIBUTE,AT_RATES_END_20250331,TARIFF_END_DATE,2025-04-31,,,
TARIFFREGION,TR_CKHK_RSU,
NETWORK,CKHK,,RSU,
TARIFFREGION,TR_CKHK_RLU,
NETWORK,CKHK,,RLU,
TARIFFTYPE,TT_dly_sup_chg,Daily supply charge,F,Day,B,,,
TARIFFTYPE,TT_any,Anytime,V,kWh,X,UN-24,,
TARIFFTYPE,TT_aic,All inclusive,V,kWh,X,IN-17,,
TARIFFTYPE,TT_ctl_hwt,Controlled - hot water,V,kWh,X,CN-19,,
CUSTOMER,General domestic,AT_anzsic_000000
PLAN,PRSU,Residential - standard user,,,,N,
TARIFF,RSU-FIXED,TR_CKHK_RSU,TT_dly_sup_chg,2.053,AT_RATES_END_20250331
TARIFF,RSU-FIXED,TR_CKHK_RSU,TT_dly_sup_chg,2.156,AT_RATES_START_20250401
TARIFF,RSU-24UN,TR_CKHK_RSU,TT_any,0.1937,
TARIFF,RSU-AICO,TR_CKHK_RSU,TT_aic,0.1737,
TARIFF,RLU-CTRL,TR_CKHK_RSU,TT_ctl_hwt,0.1537,
PLAN,PRLU,Residential - low user,,,,Y,
TARIFF,RLU-FIXED,TR_CKHK_RLU,TT_dly_sup_chg,1.3333,AT_RATES_END_20250331
TARIFF,RLU-FIXED,TR_CKHK_RLU,TT_dly_sup_chg,1.4432,AT_RATES_START_20250401
TARIFF,RLU-24UN,TR_CKHK_RLU,TT_any,0.2768,
TARIFF,RLU-AICO,TR_CKHK_RLU,TT_aic,0.2568,
TARIFF,RLU-CTRL-1,TR_CKHK_RLU,TT_ctl_hwt,0.2368,
```

### Example 2

Simple seasonal (summer/winter) example available to the entire Wellington (CKHK) region from 'A Simple Retailer Ltd'.

- a. Two basic (seasonal) plans, (LFC and SFC both covering IN, CN and UN tariffs) for domestic consumers

HDR,PRCSCHD,2.011,ASRL,ASRL,ANY,2016-05-22T12:23:45+12,,c7d90f3a-d62b-4923-95c4-4aef120d831e,40,E,I  
 RETAILER,ASRL,ASRL,Simple Retailer Ltd  
 ATTRIBUTE,AT\_anzsic\_000000,ANZSIC,,,000000,  
 SCHEDULE,SC\_summer,1,,,,JAN FEB MAR OCT NOV DEC  
 SCHEDULE,SC\_winter,1,,,,APR MAY JUN JUL AUG SEP  
 TARIFFREGION,TR\_CKHK\_RSU,  
 NETWORK,CKHK,,RSU,  
 TARIFFREGION,TR\_CKHK\_RLU,  
 NETWORK,CKHK,,RLU,  
 TARIFFTYPE,TT\_dly\_sup\_chg,Daily supply charge,F,Day,B,,,  
 TARIFFTYPE,TT\_any\_sum,Anytime (summer),V,kWh,X,UN-24,SC\_summer,  
 TARIFFTYPE,TT\_any\_win,Anytime (winter),V,kWh,X,UN-24,SC\_winter,  
 TARIFFTYPE,TT\_aic\_sum,All inclusive (summer),V,kWh,X,IN-17,SC\_summer,  
 TARIFFTYPE,TT\_aic\_win,All inclusive (winter),V,kWh,X,IN-17,SC\_winter,  
 TARIFFTYPE,TT\_ctl\_hwt\_sum,Controlled - hot water (summer),V,kWh,X,CN-19,SC\_summer,  
 TARIFFTYPE,TT\_ctl\_hwt\_win,Controlled - hot water (winter),V,kWh,X,CN-19,SC\_winter,  
 TARIFFTYPE,TT\_dly\_sup\_chg\_low\_use,Daily supply charge (low user),F,Day,B,,,  
 TARIFFTYPE,TT\_any\_low\_use\_sum,Anytime (low user - summer),V,kWh,X,UN-24,SC\_summer,  
 TARIFFTYPE,TT\_any\_low\_use\_win,Anytime (low user - winter),V,kWh,X,UN-24,SC\_winter,  
 TARIFFTYPE,TT\_aic\_low\_use\_sum,All inclusive (low user - summer),V,kWh,X,IN-17,SC\_summer,  
 TARIFFTYPE,TT\_aic\_low\_use\_win,All inclusive (low user - winter),V,kWh,X,IN-17,SC\_winter,  
 TARIFFTYPE,TT\_ctl\_hwt\_low\_use\_sum,Controlled - hot water (low user - summer),V,kWh,X,CN-19,SC\_summer,  
 TARIFFTYPE,TT\_ctl\_hwt\_low\_use\_win,Controlled - hot water (low user - winter),V,kWh,X,CN-19,SC\_winter,  
 CUSTOMER,General domestic,AT\_anzsic\_000000  
 PLAN,PRSU,Residential - seasonal standard user,,,,N,  
 TARIFF,RSU-FIXED,TR\_CKHK\_RSU,TT\_dly\_sup\_chg,2.156,  
 TARIFF,RSU-24UN-S,TR\_CKHK\_RSU,TT\_any\_sum,0.1837,  
 TARIFF,RSU-24UN-W,TR\_CKHK\_RSU,TT\_any\_win,0.2037,  
 TARIFF,RSU-AICO-S,TR\_CKHK\_RSU,TT\_aic\_sum,0.1637,  
 TARIFF,RSU-AICO-W,TR\_CKHK\_RSU,TT\_aic\_win,0.1837,  
 TARIFF,RSU-CTRL-S,TR\_CKHK\_RSU,TT\_ctl\_hwt\_sum,0.1437,  
 TARIFF,RSU-CTRL-W,TR\_CKHK\_RSU,TT\_ctl\_hwt\_win,0.1637,  
 PLAN,PRLU,Residential - seasonal low user,,,,Y,  
 TARIFF,RLU-FIXED,TR\_CKHK\_RLU,TT\_dly\_sup\_chg\_low\_use,0.3333,  
 TARIFF,RLU-24UN-S,TR\_CKHK\_RLU,TT\_any\_low\_use\_sum,0.2668,  
 TARIFF,RLU-24UN-W,TR\_CKHK\_RLU,TT\_any\_low\_use\_win,0.2868,  
 TARIFF,RLU-AICO-S,TR\_CKHK\_RLU,TT\_aic\_low\_use\_sum,0.2468,  
 TARIFF,RLU-AICO-W,TR\_CKHK\_RLU,TT\_aic\_low\_use\_win,0.2668,  
 TARIFF,RLU-CTRL-S,TR\_CKHK\_RLU,TT\_ctl\_hwt\_low\_use\_sum,0.2268,  
 TARIFF,RLU-CTRL-W,TR\_CKHK\_RLU,TT\_ctl\_hwt\_low\_use\_win,0.2468,

### Example 3

Simple example available to a subset of the Wellington (CKHK) region from 'A Simple Retailer Ltd'.

- a. Two basic plans, (LFC and SFC both covering available distribution tariffs ie IN, CN, UN, Day/Night and EV) for domestic consumers. The rates come into effect 1 April 2016, and will not be offered to new customers after 30 June 2016. The plan offers a 10% discount for prompt payment, and a further 2% discount for a direct debit payment.
- b. They are further limited to a region (Three central city NSPs) and Distributor Price Categories, (separate sets for LFC and SFC as tends to be the case in Wellington)
- c. Schedules are provided for the EV tariffs

```
HDR,PRCSCHD,2.011,ASRL,ASRL,ANY,2016-05-22T12:23:45+12,,c7d90f3a-d62b-4923-95c4-4aef120d831e,35,E,I
RETAILER,ASRL,ASRL,Simple Retailer Ltd
ATTRIBUTE,AT_anzsic_000000,ANZSIC,,,000000,
ATTRIBUTE,AT_Disc_PP_10,DISCOUNT_PROMPT_PAYMENT,,10,%,
ATTRIBUTE,AT_Disc_PRI_2,DISCOUNT_PAYMENT_RETAILER_INITIATED,,2,%,
SCHEDULE,SC_h21_24,1,21:00,24:00,,
SCHEDULE,SC_h00_07,1,00:00,07:00,,
TARIFFREGION,TR_CKHK_RSU,
NETWORK,CKHK,CPK0111CKHK CPK0331CKHK WIL0331CKHK,RSU,LCC1
TARIFFREGION,TR_CKHK_RLU,
NETWORK,CKHK,CPK0111CKHK CPK0331CKHK WIL0331CKHK,RLU,LCC1
TARIFFTYPE,TT_dly_sup_chg,Daily supply charge,F,Day,B,,,
TARIFFTYPE,TT_any,Anytime,V,kWh,X,UN-24,,
TARIFFTYPE,TT_aic,All inclusive,V,kWh,X,IN-17,,
TARIFFTYPE,TT_ctl_hwt,Controlled - hot water,V,kWh,X,CN-19,,
TARIFFTYPE,TT_day,Daytime,V,kWh,X,D-16,,
TARIFFTYPE,TT_ngt,Night only,V,kWh,X,N-8,,
TARIFFTYPE,TT_ev_ngt,Electric vehicle - night only,V,kWh,X,UN-10,SC_h00_07 SC_h21_24,
CUSTOMER,General domestic,AT_Disc_PP_10 AT_Disc_PRI_2 AT_anzsic_000000
PLAN,PRSU,Residential - standard user,2016-04-01,,2016-06-30,N,
TARIFF,RSU-FIXED,TR_CKHK_RSU,TT_dly_sup_chg,2.156,
TARIFF,RSU-24UN,TR_CKHK_RSU,TT_any,0.1937,
TARIFF,RSU-AICO,TR_CKHK_RSU,TT_aic,0.1737,
TARIFF,RSU-CTRL,TR_CKHK_RSU,TT_ctl_hwt,0.1537,
TARIFF,RSU-16D,TR_CKHK_RSU,TT_day,0.1937,
TARIFF,RSU-NITE,TR_CKHK_RSU,TT_ngt,0.1337,
TARIFF,RSU-EVNITE,TR_CKHK_RSU,TT_ev_ngt,0.1337,
PLAN,PRLU,Residential - low user,2016-04-01,,2016-06-30,Y,
TARIFF,RLU-FIXED,TR_CKHK_RLU,TT_dly_sup_chg,0.3333,
TARIFF,RLU-24UN,TR_CKHK_RLU,TT_any,0.2768,
TARIFF,RLU-AICO,TR_CKHK_RLU,TT_aic,0.2568,
TARIFF,RLU-CTRL,TR_CKHK_RLU,TT_ctl_hwt,0.2368,
```

TARIFF,RLU-16D,TR\_CKHK\_RLU,TT\_day,0.2768,  
 TARIFF,RLU-NITE,TR\_CKHK\_RLU,TT\_ngt,0.2368,  
 TARIFF,RLU-EVNITE,TR\_CKHK\_RLU,TT\_ev\_ngt,0.2368,

#### Example 4

Abridged example showing 2 residential and one commercial plan available in Auckland and Wellington networks from 'A Simple Retailer Ltd', using distributor price categories. This example illustrates Tariff Regions and the nationwide approach to plan definition.

HDR,PRCSCHD,2.011,ASRL,ASRL,3ABC,2016-05-22T12:23:45+12,,c7d90f3a-d62b-4923-95c4-4aef120d831e,58,E,I  
 RETAILER,ASRL,ASRL,A Simple Retailer Lid  
 ATTRIBUTE,AT\_anzsic\_1,ANZSIC,,,,1  
 ATTRIBUTE,AT\_bdl\_gas\_onl,BUNDLED\_GAS,,,,Only available bundled with gas  
 ATTRIBUTE,AT\_crd\_chk,CREDIT\_CHECK,,,,  
 ATTRIBUTE,AT\_dsc\_gas\_10,DISCOUNT\_GAS,,10,%,10% Discount for bundling with gas  
 ATTRIBUTE,AT\_mtr\_typ\_nhh,METER\_TYPE\_NHH,,,,  
 ATTRIBUTE,AT\_anzsic\_4,ANZSIC,,,,4  
 TARIFFREGION,TR\_AKL\_U,  
 NETWORK,UNET,,WRNLU WRNSU WRUL WRUS,  
 NETWORK,VECT,,ARNLU ARNSU ARUL ARUS,  
 TARIFFREGION,TR\_NI,  
 NETWORK,CKHK,,RLU RLUTOU RSU RSUTOU,  
 NETWORK,UNET,,WRCL WRCS WRNLC WRNLU WRNSC WRNSU WRUL WRUS,  
 NETWORK,VECT,,ARCL ARCS ARNLC ARNLU ARNSC ARNSU ARUL ARUS,  
 TARIFFREGION,TR\_AKL\_C,  
 NETWORK,UNET,,WRCL WRCS WRNLC WRNSC,  
 NETWORK,VECT,,ARCL ARCS ARNLC ARNSC,  
 TARIFFREGION,TR\_CKHK,  
 NETWORK,CKHK,,RLU RLUTOU RSU RSUTOU,  
 TARIFFREGION,TR\_AKL\_RES,  
 NETWORK,UNET,,WRCL WRCS WRNLC WRNLU WRNSC WRNSU WRUL WRUS,  
 NETWORK,VECT,,ARCL ARCS ARNLC ARNLU ARNSC ARNSU ARUL ARUS,  
 TARIFFREGION,TR\_UNET\_WBSN,  
 NETWORK,UNET,,WBSN,  
 TARIFFREGION,TR\_AKL\_BUS,  
 NETWORK,UNET,,WBSN,  
 NETWORK,VECT,,ABSN,  
 TARIFFREGION,TR\_VECT\_ABSN,  
 NETWORK,VECT,,ABSN,  
 TARIFFREGION,TR\_CKHK\_BUS,  
 NETWORK,CKHK,,GLV69,  
 TARIFFTYPE,TT\_UC\_UNCI,Uncontrolled Usage Charge,V,kWh,X,IN-24 UN-24,,  
 TARIFFTYPE,TT\_UC\_AIC,All-Inclusive Usage Charge,V,kWh,X,CN-20 IN-24 UN-24,,  
 TARIFFTYPE,TT\_UC\_CTL,Controlled Usage Charge,V,kWh,X,CN-20,,  
 TARIFFTYPE,TT\_FDC,Fixed Daily Charge,F,day,,,,

TARIFFTYPE,TT\_CAP\_CHG,Capacity Charge,F,kVa,B,,  
 CUSTOMER,Residential,AT\_anzsic\_1 AT\_bdl\_gas\_onl AT\_crd\_chk  
 PLAN,ASRL\_RLU\_GAS,Residential low user plan with gas,,,,Y,AT\_dsc\_gas\_10  
 AT\_mtr\_typ\_nhh  
 TARIFF,UC\_RLU\_AKL\_UNC,TR\_AKL\_U,TT\_UC\_UNCI,0.2722,  
 TARIFF,UC\_RLU\_AKL\_CTL,TR\_AKL\_C,TT\_UC\_CTL,0.2558,  
 TARIFF,FDC\_RLU\_NI,TR\_NI,TT\_FDC,3.0261,  
 TARIFF,UC\_RLU\_CKHK\_UNC,TR\_CKHK,TT\_UC\_UNCI,0.2521,  
 TARIFF,UC\_RLU\_CKHK\_CTL,TR\_CKHK,TT\_UC\_CTL,0.1843,  
 PLAN,ASRL\_RSU\_GAS,Residential standard user plan with gas,,,,N,AT\_dsc\_gas\_10  
 AT\_mtr\_typ\_nhh  
 TARIFF,UC\_RSU\_AKL\_UNC,TR\_AKL\_U,TT\_UC\_UNCI,0.2722,  
 TARIFF,UC\_RSU\_AKL\_CTL,TR\_AKL\_C,TT\_UC\_CTL,0.2558,  
 TARIFF,FDC\_RSU\_NI,TR\_NI,TT\_FDC,3.0261,  
 TARIFF,UC\_RSU\_CKHK\_UNC,TR\_CKHK,TT\_UC\_UNCI,0.2521,  
 TARIFF,UC\_RSU\_CKHK\_CTL,TR\_CKHK,TT\_UC\_CTL,0.1843,  
 CUSTOMER,Commercial,AT\_anzsic\_4 AT\_bdl\_gas\_onl AT\_crd\_chk  
 PLAN,ASRL\_COM\_GAS,Commercial user plan,,,,N,AT\_dsc\_gas\_10 AT\_mtr\_typ\_nhh  
 TARIFF,UC\_BUS\_UNET,TR\_UNET\_WBSN,TT\_UC\_AIC,0.2528,  
 TARIFF,FDC\_BUS\_AKL,TR\_AKL\_BUS,TT\_FDC,3.238,  
 TARIFF,UC\_BUS\_VECT,TR\_VECT\_ABSN,TT\_UC\_AIC,0.2496,  
 TARIFF,CAP\_CHG\_AKL,TR\_AKL\_BUS,TT\_CAP\_CHG,0.0413,  
 TARIFF,UC\_BUS\_CKHK,TR\_CKHK\_GLV69,TT\_UC\_AIC,0.2178,  
 TARIFF,FDC\_BUS\_CKHK,TR\_CKHK\_BUS,TT\_FDC,4.977,

## Appendix C: JSON file format examples

### Example 1

Simple example available to the entire Wellington (CKHK) region from 'A Simple Retailer Ltd'. (As per Appendix B, example 1)

```
{
  "FileType": "PRCSCHD",
  "Version": 2.011,
  "Sender": "ASRL",
  "SentOnBehalfOf": "ASRL",
  "Recipient": "ANY",
  "RunDateTime": "2016-05-22T12:23:45+12",
  "ExtractDateTime": "2016-05-22T12:23:45+12",
  "Uniquifier": "c7d90f3a-d62b-4923-95c4-4aef120d831e",
  "RecordCount": 8,
  "UtilType": "E",
  "FileStatus": "I",
  "Retailers": [
    {
      "TraderId": "ASRL",
      "RetailerId": "ASRL",
      "RetailerBrandName": "Simple Retailer Ltd",
      "Attributes": [
        {
          "AttributeId": "AT_anzsic_000000",
          "Attribute": "ANZSIC",
          "TextValue": "000000"
        },
        {
          "AttributeId": "AT_RATES_START_20250401",
          "Attribute": "TARIFF_START_DATE",
          "DateValue": "2025-04-01"
        },
        {
          "AttributeId": "AT_RATES_END_20250331",
          "Attribute": "TARIFF_END_DATE",
          "DateValue": "2025-04-31"
        }
      ]
    }
  ],
  "TariffRegions": [
    {
      "TariffRegionId": "TR_CKHK_RSU",
      "Networks": [
        {
          "Network": "CKHK",
          "DistributorPriceCategory": [ "RSU" ]
        }
      ]
    }
  ]
}
```

```

]
},{
  "TariffRegionId": "TR_CKHK_RLU",
  "Networks": [
    {
      "Network": "CKHK",
      "DistributorPriceCategory": [ "RLU" ]
    }
  ]
}
],
"TariffTypes": [
  {
    "TariffTypeId": "TT_dly_sup_chg",
    "Description": "Daily supply charge",
    "FixedVariable": "F",
    "Unit": "Day",
    "FlowDirection": "B"
  },{
    "TariffTypeId": "TT_any",
    "Description": "Anytime",
    "FixedVariable": "V",
    "Unit": "kWh",
    "FlowDirection": "X",
    "RCC-POA": [ [ "UN", 24 ] ]
  },{
    "TariffTypeId": "TT_aic",
    "Description": "All inclusive",
    "FixedVariable": "V",
    "Unit": "kWh",
    "FlowDirection": "X",
    "RCC-POA": [ [ "IN", 17 ] ]
  },{
    "TariffTypeId": "TT_ctl_hwt",
    "Description": "Controlled - hot water",
    "FixedVariable": "V",
    "Unit": "kWh",
    "FlowDirection": "X",
    "RCC-POA": [ [ "CN", 19 ] ]
  }
],
"CustomerGroups": [
  {
    "CustomerGroup": "General domestic",
    "AttributeIds": [ "AT_anzsic_000000" ],
    "Plans": [

```

```

{
  "Plan": "PRSU",
  "Description": "Residential - standard user",
  "LowFixedCharge": "N",
  "Tariffs": [
    {
      "Tariff": "RSU-FIXED",
      "Rate": 2.0530,
      "TariffRegion": "TR_CKHK_RSU",
      "TariffType": "TT_dly_sup_chg",
      "Attributelds": [ "AT_RATES_END_20250331" ]
    },{
      "Tariff": "RSU-FIXED",
      "Rate": 2.1560,
      "TariffRegion": "TR_CKHK_RSU",
      "TariffType": "TT_dly_sup_chg",
      "Attributelds": [ "AT_RATES_START_20250401" ]
    },{
      "Tariff": "RSU-24UN",
      "Rate": 0.1937,
      "TariffRegion": "TR_CKHK_RSU",
      "TariffType": "TT_any"
    },{
      "Tariff": "RSU-AICO",
      "Rate": 0.1737,
      "TariffRegion": "TR_CKHK_RSU",
      "TariffType": "TT_aic"
    },{
      "Tariff": "RLU-CTRL",
      "Rate": 0.1537,
      "TariffRegion": "TR_CKHK_RSU",
      "TariffType": "TT_ctl_hwt"
    }
  ]
},{
  "Plan": "PRLU",
  "Description": "Residential - low user",
  "LowFixedCharge": "Y",
  "Tariffs": [
    {
      "Tariff": "RLU-FIXED",
      "Rate": 1.3333,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_dly_sup_chg",
      "Attributelds": [ "AT_RATES_END_20250331" ]
    },{

```

```

    "Tariff": "RLU-FIXED",
    "Rate": 1.4432,
    "TariffRegion": "TR_CKHK_RLU",
    "TariffType": "TT_dly_sup_chg",
    "Attributelds": [ "AT_RATES_START_20250401" ]
  },{
    "Tariff": "RLU-24UN",
    "Rate": 0.2768,
    "TariffRegion": "TR_CKHK_RLU",
    "TariffType": "TT_any"
  },{
    "Tariff": "RLU-AICO",
    "Rate": 0.2568,
    "TariffRegion": "TR_CKHK_RLU",
    "TariffType": "TT_aic"
  },{
    "Tariff": "RLU-CTRL-1",
    "Rate": 0.2368,
    "TariffRegion": "TR_CKHK_RLU",
    "TariffType": "TT_ctl_hwt"
  }
]
}
]
}
]
}
]
}
]
}
}

```

## Example 2

Simple seasonal example available to the entire Wellington (CKHK) region from 'A Simple Retailer Ltd'. (As per Appendix B, example 2)

```

{
  "FileType": "PRCSCHD",
  "Version": 2.011,
  "Sender": "ASRL",
  "SentOnBehalfOf": "ASRL",
  "Recipient": "ANY",
  "RunDateTime": "2016-05-22T12:23:45+12",
  "ExtractDateTime": "2016-05-22T12:23:45+12",
  "Uniquifier": "c7d90f3a-d62b-4923-95c4-4aef120d831e",
  "RecordCount": 14,
  "UtilType": "E",
  "FileStatus": "I",

```

```

"Retailers": [
  {
    "TraderId": "ASRL",
    "RetailerId": "ASRL",
    "RetailerBrandName": "Simple Retailer Ltd",
    "Attributes": [
      {
        "AttributeId": "AT_anzsic_000000",
        "Attribute": "ANZSIC",
        "TextValue": "000000"
      }
    ],
    "Schedules": [
      {
        "ScheduleId": "SC_summer",
        "DaylightSavings": 1,
        "Month": [ "JAN", "FEB", "MAR", "OCT", "NOV", "DEC" ]
      },{
        "ScheduleId": "SC_winter",
        "DaylightSavings": 1,
        "Month": [ "APR", "MAY", "JUN", "JUL", "AUG", "SEP" ]
      }
    ],
    "TariffRegions": [
      {
        "TariffRegionId": "TR_CKHK_RSU",
        "Networks": [
          {
            "Network": "CKHK",
            "DistributorPriceCategory": [ "RSU" ]
          }
        ]
      },{
        "TariffRegionId": "TR_CKHK_RLU",
        "Networks": [
          {
            "Network": "CKHK",
            "DistributorPriceCategory": [ "RLU" ]
          }
        ]
      }
    ],
    "TariffTypes": [
      {
        "TariffTypeId": "TT_dly_sup_chg",
        "Description": "Daily supply charge",

```

```

"FixedVariable": "F",
"Unit": "Day",
"FlowDirection": "B"
},{
"TariffTypeld": "TT_any_sum",
"Description": "Anytime (summer)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_summer" ],
"RCC-POA": [ [ "UN", 24 ] ]
},{
"TariffTypeld": "TT_any_win",
"Description": "Anytime (winter)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_winter" ],
"RCC-POA": [ [ "UN", 24 ] ]
},{
"TariffTypeld": "TT_aic_sum",
"Description": "All inclusive (summer)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_summer" ],
"RCC-POA": [ [ "IN", 17 ] ]
},{
"TariffTypeld": "TT_aic_win",
"Description": "All inclusive (winter)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_winter" ],
"RCC-POA": [ [ "IN", 17 ] ]
},{
"TariffTypeld": "TT_ctl_hwt_sum",
"Description": "Controlled - hot water (summer)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_summer" ],
"RCC-POA": [ [ "CN", 19 ] ]
},{
"TariffTypeld": "TT_ctl_hwt_win",
"Description": "Controlled - hot water (winter)",

```

```

"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_winter" ],
"RCC-POA": [ [ "CN", 19 ] ]
},{
"TariffTypeld": "TT_dly_sup_chg_low_use",
"Description": "Daily supply charge (low user)",
"FixedVariable": "F",
"Unit": "Day",
"FlowDirection": "B"
},{
"TariffTypeld": "TT_any_low_use_sum",
"Description": "Anytime (low user - summer)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_summer" ],
"RCC-POA": [ [ "UN", 24 ] ]
},{
"TariffTypeld": "TT_any_low_use_win",
"Description": "Anytime (low user - winter)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_winter" ],
"RCC-POA": [ [ "UN", 24 ] ]
},{
"TariffTypeld": "TT_aic_low_use_sum",
"Description": "All inclusive (low user - summer)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_summer" ],
"RCC-POA": [ [ "IN", 17 ] ]
},{
"TariffTypeld": "TT_aic_low_use_win",
"Description": "All inclusive (low user - winter)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_winter" ],
"RCC-POA": [ [ "IN", 17 ] ]
},{
"TariffTypeld": "TT_ctl_hwt_low_use_sum",
"Description": "Controlled - hot water (low user - summer)",

```

```

"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_summer" ],
"RCC-POA": [ [ "CN", 19 ] ]
},{
"TariffTypeld": "TT_ctl_hwt_low_use_win",
>Description": "Controlled - hot water (low user - winter)",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_winter" ],
"RCC-POA": [ [ "CN", 19 ] ]
}
],
"CustomerGroups": [
{
"CustomerGroup": "General domestic",
"Attributelds": [ "AT_anzsic_000000" ],
"Plans": [
{
"Plan": "PRSU",
>Description": "Residential - seasonal standard user",
"LowFixedCharge": "N",
"Tariffs": [
{
"Tariff": "RSU-FIXED",
"Rate": 2.1560,
"TariffRegion": "TR_CKHK_RSU",
"TariffType": "TT_dly_sup_chg"
},{
"Tariff": "RSU-24UN-S",
"Rate": 0.1837,
"TariffRegion": "TR_CKHK_RSU",
"TariffType": "TT_any_sum"
},{
"Tariff": "RSU-24UN-W",
"Rate": 0.2037,
"TariffRegion": "TR_CKHK_RSU",
"TariffType": "TT_any_win"
},{
"Tariff": "RSU-AICO-S",
"Rate": 0.1637,
"TariffRegion": "TR_CKHK_RSU",
"TariffType": "TT_aic_sum"
},{

```

```

    "Tariff": "RSU-AICO-W",
    "Rate": 0.1837,
    "TariffRegion": "TR_CKHK_RSU",
    "TariffType": "TT_aic_win"
  },{
    "Tariff": "RSU-CTRL-S",
    "Rate": 0.1437,
    "TariffRegion": "TR_CKHK_RSU",
    "TariffType": "TT_ctl_hwt_sum"
  },{
    "Tariff": "RSU-CTRL-W",
    "Rate": 0.1637,
    "TariffRegion": "TR_CKHK_RSU",
    "TariffType": "TT_ctl_hwt_win"
  }
]
},{
  "Plan": "PRLU",
  "Description": "Residential - seasonal low user",
  "LowFixedCharge": "Y",
  "Tariffs": [
    {
      "Tariff": "RLU-FIXED",
      "Rate": 0.3333,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_dly_sup_chg_low_use"
    },{
      "Tariff": "RLU-24UN-S",
      "Rate": 0.2668,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_any_low_use_sum"
    },{
      "Tariff": "RLU-24UN-W",
      "Rate": 0.2868,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_any_low_use_win"
    },{
      "Tariff": "RLU-AICO-S",
      "Rate": 0.2468,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_aic_low_use_sum"
    },{
      "Tariff": "RLU-AICO-W",
      "Rate": 0.2668,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_aic_low_use_win"
    }
  ]
}

```



```

},{
  "AttributeId": "AT_Disc_PP_10",
  "Attribute": "DISCOUNT_PROMPT_PAYMENT",
  "NumValue": 10,
  "TextValue": "%"
},{
  "AttributeId": "AT_Disc_PRI_2",
  "Attribute": "DISCOUNT_PAYMENT_RETAILER_INITIATED",
  "NumValue": 2,
  "TextValue": "%"
}
],
"Schedules": [
  {
    "ScheduleId": "SC_h21_24",
    "DaylightSavings": 1,
    "StartTime": "21:00",
    "EndTime": "24:00"
  },
  {
    "ScheduleId": "SC_h00_07",
    "DaylightSavings": 1,
    "StartTime": "00:00",
    "EndTime": "07:00"
  }
],
"TariffRegions": [
  {
    "TariffRegionId": "TR_CKHK_RSU",
    "Networks": [
      {
        "Network": "CKHK",
        "NSP": [ "CPK0111CKHK", "CPK0331CKHK", "WIL0331CKHK" ],
        "DistributorPriceCategory": [ "RSU" ],
        "DistributorLossCategory": [
          "LCC1"
        ]
      }
    ]
  }
],
{
  "TariffRegionId": "TR_CKHK_RLU",
  "Networks": [
    {
      "Network": "CKHK",
      "NSP": [ "CPK0111CKHK", "CPK0331CKHK", "WIL0331CKHK" ],
      "DistributorPriceCategory": [ "RLU" ],
      "DistributorLossCategory": [

```

```

        "LCC1"
      ]
    }
  ]
}
],
"TariffTypes": [
{
  "TariffTypeld": "TT_dly_sup_chg",
  "Description": "Daily supply charge",
  "FixedVariable": "F",
  "Unit": "Day",
  "FlowDirection": "B"
},{
  "TariffTypeld": "TT_any",
  "Description": "Anytime",
  "FixedVariable": "V",
  "Unit": "kWh",
  "FlowDirection": "X",
  "RCC-POA": [ [ "UN", 24 ] ]
},{
  "TariffTypeld": "TT_aic",
  "Description": "All inclusive",
  "FixedVariable": "V",
  "Unit": "kWh",
  "FlowDirection": "X",
  "RCC-POA": [ [ "IN", 17 ] ]
},{
  "TariffTypeld": "TT_ctl_hwt",
  "Description": "Controlled - hot water",
  "FixedVariable": "V",
  "Unit": "kWh",
  "FlowDirection": "X",
  "RCC-POA": [ [ "CN", 19 ] ]
},{
  "TariffTypeld": "TT_day",
  "Description": "Daytime",
  "FixedVariable": "V",
  "Unit": "kWh",
  "FlowDirection": "X",
  "RCC-POA": [ [ "D", 16 ] ]
},{
  "TariffTypeld": "TT_ngt",
  "Description": "Night only",
  "FixedVariable": "V",
  "Unit": "kWh",

```

```

"FlowDirection": "X",
"RCC-POA": [ [ "N", 8 ] ]
},{
"TariffTypeld": "TT_ev_ngt",
"Description": "Electric vehicle - night only",
"FixedVariable": "V",
"Unit": "kWh",
"FlowDirection": "X",
"ScheduleIds": [ "SC_h21_24", "SC_h00_07" ],
"RCC-POA": [ [ "UN", 10 ] ]
}
],
"CustomerGroups": [
{
"CustomerGroup": "General domestic",
"Attributelds": [ "AT_anzsic_000000", "AT_Disc_PP_10", "AT_Disc_PRI_2" ],
"Plans": [
{
"Plan": "PRSU",
"Description": "Residential - standard user",
"StartDate": "2016-04-01",
"CloseDate": "2016-06-30",
"LowFixedCharge": "N",
"Tariffs": [
{
"Tariff": "RSU-FIXED",
"Rate": 2.1560,
"TariffRegion": "TR_CKHK_RSU",
"TariffType": "TT_dly_sup_chg"
},{
"Tariff": "RSU-24UN",
"Rate": 0.1937,
"TariffRegion": "TR_CKHK_RSU",
"TariffType": "TT_any"
},{
"Tariff": "RSU-AICO",
"Rate": 0.1737,
"TariffRegion": "TR_CKHK_RSU",
"TariffType": "TT_aic"
},{
"Tariff": "RSU-CTRL",
"Rate": 0.1537,
"TariffRegion": "TR_CKHK_RSU",
"TariffType": "TT_ctl_hwt"
},{
"Tariff": "RSU-16D",

```

```

    "Rate": 0.1937,
    "TariffRegion": "TR_CKHK_RSU",
    "TariffType": "TT_day"
  },{
    "Tariff": "RSU-NITE",
    "Rate": 0.1337,
    "TariffRegion": "TR_CKHK_RSU",
    "TariffType": "TT_ngt"
  },{
    "Tariff": "RSU-EVNITE",
    "Rate": 0.1337,
    "TariffRegion": "TR_CKHK_RSU",
    "TariffType": "TT_ev_ngt"
  }
]
},{
  "Plan": "PRLU",
  "Description": "Residential - low user",
  "StartDate": "2016-04-01",
  "CloseDate": "2016-06-30",
  "LowFixedCharge": "Y",
  "Tariffs": [
    {
      "Tariff": "RLU-FIXED",
      "Rate": 0.3333,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_dly_sup_chg"
    },{
      "Tariff": "RLU-24UN",
      "Rate": 0.2768,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_any"
    },{
      "Tariff": "RLU-AICO",
      "Rate": 0.2568,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_aic"
    },{
      "Tariff": "RLU-CTRL",
      "Rate": 0.2368,
      "TariffRegion": "TR_CKHK_RLU",
      "TariffType": "TT_ctl_hwt"
    },{
      "Tariff": "RLU-16D",
      "Rate": 0.2768,
      "TariffRegion": "TR_CKHK_RLU",

```

```

    "TariffType": "TT_day"
  },{
    "Tariff": "RLU-NITE",
    "Rate": 0.2368,
    "TariffRegion": "TR_CKHK_RLU",
    "TariffType": "TT_ngt"
  },{
    "Tariff": "RLU-EVNITE",
    "Rate": 0.2368,
    "TariffRegion": "TR_CKHK_RLU",
    "TariffType": "TT_ev_ngt"
  }
]
}
]
}
]
}
]
}
]
}
]
}
}

```

#### Example 4

Abridged example showing two residential and one commercial plan available in Auckland and Wellington networks from 'A Simple Retailer Ltd', using distributor price categories. This example illustrates Tariff Regions and the nationwide approach to plan definition. (As per Appendix B, example 4).

```

{
  "FileType": "PRCSCHD",
  "Version": 2.011,
  "Sender": "ASRL",
  "SentOnBehalfOf": "ASRL",
  "Recipient": "3ABC",
  "RunDateTime": "2016-05-22T12:23:45+12",
  "ExtractDateTime": "2016-05-22T12:23:45+12",
  "Uniquifier": "c7d90f3a-d62b-4923-95c4-4aef120d831e",
  "RecordCount": 44,
  "UtilType": "E",
  "FileStatus": "I",
  "Retailers": [
    {
      "TraderId": "ASRL",
      "RetailerId": "ASRL",
      "RetailerBrandName": "A Simple Retailer Lid",
      "Attributes": [
        {
          "AttributeId": "AT_anzsic_1",

```

```

"Attribute": "ANZSIC",
"Description": "1"
},{
  "AttributeId": "AT_bdl_gas_onl",
  "Attribute": "BUNDLED_GAS",
  "Description": "Only available bundled with gas"
},{
  "AttributeId": "AT_crd_chk",
  "Attribute": "CREDIT_CHECK"
},{
  "AttributeId": "AT_dsc_gas_10",
  "Attribute": "DISCOUNT_GAS",
  "NumValue": 10,
  "TextValue": "%",
  "Description": "10% Discount for bundling with gas"
},{
  "AttributeId": "AT_mtr_typ_nhh",
  "Attribute": "METER_TYPE_NHH"
},{
  "AttributeId": "AT_anzsic_4",
  "Attribute": "ANZSIC",
  "Description": "4"
}
],
"TariffRegions": [
{
  "TariffRegionId": "TR_AKL_U",
  "Networks": [
    {
      "Network": "UNET",
      "DistributorPriceCategory": [ "WRNLU", "WRNSU", "WRUL", "WRUS" ]
    },
    {
      "Network": "VECT",
      "DistributorPriceCategory": [ "ARNLU", "ARNSU", "ARUL", "ARUS" ]
    }
  ]
},
{
  "TariffRegionId": "TR_NI",
  "Networks": [
    {
      "Network": "CKHK",
      "DistributorPriceCategory": [ "RLU", "RLUTOU", "RSU", "RSUTOU" ]
    },
    {
      "Network": "UNET",
      "DistributorPriceCategory": [ "WRNLU", "WRNSU", "WRUL", "WRUS", "WRCL",
"WRCS", "WRNLC", "WRNSC" ]
    }
  ]
}

```

```

    },{
      "Network": "VECT",
      "DistributorPriceCategory": [ "ARNLU", "ARNSU", "ARUL", "ARUS", "ARCL", "ARCS",
"ARNLC", "ARNSC" ]
    }
  ]
},{
  "TariffRegionId": "TR_AKL_C",
  "Networks": [
    {
      "Network": "UNET",
      "DistributorPriceCategory": [ "WRCL", "WRCS", "WRNLC", "WRNSC" ]
    },{
      "Network": "VECT",
      "DistributorPriceCategory": [ "ARCL", "ARCS", "ARNLC", "ARNSC" ]
    }
  ]
},{
  "TariffRegionId": "TR_CKHK",
  "Networks": [
    {
      "Network": "CKHK",
      "DistributorPriceCategory": [ "RLU", "RLUTOU", "RSU", "RSUTOU" ]
    }
  ]
},{
  "TariffRegionId": "TR_AKL_RES",
  "Networks": [
    {
      "Network": "UNET",
      "DistributorPriceCategory": [ "WRNLU", "WRNSU", "WRUL", "WRUS", "WRCL",
"WRCS", "WRNLC", "WRNSC" ]
    },{
      "Network": "VECT",
      "DistributorPriceCategory": [ "ARNLU", "ARNSU", "ARUL", "ARUS", "ARCL", "ARCS",
"ARNLC", "ARNSC" ]
    }
  ]
},{
  "TariffRegionId": "TR_UNET_WBSN",
  "Networks": [
    {
      "Network": "UNET",
      "DistributorPriceCategory": [ "WBSN" ]
    }
  ]
}

```

```

},{
  "TariffRegionId": "TR_AKL_BUS",
  "Networks": [
    {
      "Network": "UNET",
      "DistributorPriceCategory": [ "WBSN" ]
    },{
      "Network": "VECT",
      "DistributorPriceCategory": [ "ABSN" ]
    }
  ]
},{
  "TariffRegionId": "TR_VECT_ABSN",
  "Networks": [
    {
      "Network": "VECT",
      "DistributorPriceCategory": [ "ABSN" ]
    }
  ]
},{
  "TariffRegionId": "TR_CKHK_BUS",
  "Networks": [
    {
      "Network": "CKHK",
      "DistributorPriceCategory": [ "GLV69" ]
    }
  ]
}
],
"TariffTypes": [
  {
    "TariffTypeId": "TT_UC_UNCI",
    "Description": "Uncontrolled Usage Charge",
    "FixedVariable": "V",
    "Unit": "kWh",
    "FlowDirection": "X",
    "RCC-POA": [ [ "UN", 24 ], [ "IN", 24 ] ]
  },{
    "TariffTypeId": "TT_UC_AIC",
    "Description": "All-Inclusive Usage Charge",
    "FixedVariable": "V",
    "Unit": "kWh",
    "FlowDirection": "X",
    "RCC-POA": [ [ "UN", 24 ], [ "IN", 24 ], [ "CN", 20 ] ]
  },{
    "TariffTypeId": "TT_UC_CTL",

```

```

    "Description": "Controlled Usage Charge",
    "FixedVariable": "V",
    "Unit": "kWh",
    "FlowDirection": "X",
    "RCC-POA": [ [ "CN", 20 ] ]
  },{
    "TariffTypeId": "TT_FDC",
    "Description": "Fixed Daily Charge",
    "FixedVariable": "F",
    "Unit": "day"
  },{
    "TariffTypeId": "TT_CAP_CHG",
    "Description": "Capacity Charge",
    "FixedVariable": "F",
    "Unit": "kVa",
    "FlowDirection": "B"
  }
],
"CustomerGroups": [
  {
    "CustomerGroup": "Residential",
    "AttributeIds": [ "AT_anzsic_1", "AT_bdl_gas_onl", "AT_crd_chk" ],
    "Plans": [
      {
        "Plan": "ASRL_RLU_GAS",
        "Description": "Residential low user plan with gas",
        "LowFixedCharge": "Y",
        "AttributeIds": [ "AT_dsc_gas_10", "AT_mtr_typ_nhh" ],
        "Tariffs": [
          {
            "Tariff": "UC_RLU_AKL_UNC",
            "Rate": 0.2722,
            "TariffRegion": "TR_AKL_U",
            "TariffType": "TT_UC_UNCI"
          },{
            "Tariff": "UC_RLU_AKL_CTL",
            "Rate": 0.2558,
            "TariffRegion": "TR_AKL_C",
            "TariffType": "TT_UC_CTL"
          },{
            "Tariff": "FDC_RLU_NI",
            "Rate": 3.0261,
            "TariffRegion": "TR_NI",
            "TariffType": "TT_FDC"
          },{
            "Tariff": "UC_RLU_CKHK_UNC",

```

```

    "Rate": 0.2521,
    "TariffRegion": "TR_CKHK",
    "TariffType": "TT_UC_UNCI"
  },{
    "Tariff": "UC_RLU_CKHK_CTL",
    "Rate": 0.1843,
    "TariffRegion": "TR_CKHK",
    "TariffType": "TT_UC_CTL"
  }
]
},{
  "Plan": "ASRL_RSU_GAS",
  "Description": "Residential standard user plan with gas",
  "LowFixedCharge": "N",
  "Attributelds": [ "AT_dsc_gas_10", "AT_mtr_typ_nhh" ],
  "Tariffs": [
    {
      "Tariff": "UC_RSU_AKL_UNC",
      "Rate": 0.2722,
      "TariffRegion": "TR_AKL_U",
      "TariffType": "TT_UC_UNCI"
    },{
      "Tariff": "UC_RSU_AKL_CTL",
      "Rate": 0.2558,
      "TariffRegion": "TR_AKL_C",
      "TariffType": "TT_UC_CTL"
    },{
      "Tariff": "FDC_RSU_NI",
      "Rate": 3.0261,
      "TariffRegion": "TR_NI",
      "TariffType": "TT_FDC"
    },{
      "Tariff": "UC_RSU_CKHK_UNC",
      "Rate": 0.2521,
      "TariffRegion": "TR_CKHK",
      "TariffType": "TT_UC_UNCI"
    },{
      "Tariff": "UC_RSU_CKHK_CTL",
      "Rate": 0.1843,
      "TariffRegion": "TR_CKHK",
      "TariffType": "TT_UC_CTL"
    }
  ]
}
]
},{

```

```

"CustomerGroup": "Commercial",
"AttributeIds": [ "AT_anzsic_4", "AT_bdl_gas_onl", "AT_crd_chk" ],
"Plans": [
{
  "Plan": "ASRL_COM_GAS",
  "Description": "Commercial user plan",
  "LowFixedCharge": "N",
  "AttributeIds": [ "AT_dsc_gas_10", "AT_mtr_typ_nhh" ],
  "Tariffs": [
    {
      "Tariff": "UC_BUS_UNET",
      "Rate": 0.2528,
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