

Retail Data Project: Review of standardised file format to supply tariff data

Discussion

Retail Data Project: Review of standardised file format to supply tariff data

1 Evaluate and make recommendations

- 1.1 The Standing Data Formats Group (SDFG) will:
 - (a) review the standardised file format to supply tariff data
 - (b) discuss amendments required to the file format
 - (c) provide recommendations to the Authority for the file format.

2 Next steps

- 2.1 The SDFG will discuss the proposed amendments to the voluntary format EIEP 12B and make recommendations to the Authority.
- 2.2 The Authority will:
 - (a) review the SDFGs recommendations and include in consultation (as necessary)
 - (b) initiate consultation with interested parties (as necessary)
 - (c) review submissions (as necessary)
 - (d) publicise the decision(s).

3 Introduction and background

- 3.1 The Authority has amended the Electricity Industry Participation Code 2010 (Code) to require electricity retailers to provide their generally available retail tariff plans to any person who requests them. The Code amendment came into effect on 1 February 2016.
- 3.2 The Code amendment does not specify the manner or format in which retailers must provide generally available retail tariff plans to persons who request them.
- 3.3 The Authority agreed to prepare a standardised file format for supplying retail tariff plan data primarily to consumers' agents, which retailers may use if they wish.
- 3.4 To develop this voluntary standardised file format, the Authority established a tariff data technical working group (Group) made up of relevant stakeholders (eg, consumers, retailers, tariff comparison websites and other energy services companies).
- 3.5 The Group has developed the attached standardised file format. The Authority would like the SDFG to peer review this, before it is released for consultation by the Authority.
- 3.6 More information on providing access to tariff data can be found at:
<http://www.ea.govt.nz/development/work-programme/retail/retail-data/development/tariff-and-connection-data-decisions-and-reasons-paper/>.

4 Role of the SDFG

- 4.1 The Authority would like the SDFG to review the voluntary tariff format prior to industry consultation and provide comments on the business rules and structure.
- 4.2 Key points of note for the standardised file format. The format:

- (a) is intended to be a machine to machine format
- (b) needs to accommodate different tariffs and eligibility criteria, and not inhibit innovation
- (c) must contain information necessary to determine what tariffs could apply to consumers invoices

4.3 In developing the file format, we have been guided by some general principles for standards development. These are that the format should (ideally):

- (a) use open data and document formats (enable all parties to operate on an even playing field)
- (b) be understandable and become widely adopted
- (c) fit with history
- (d) be robust
- (e) support flexibility and change.

5 Attachments

5.1 The following item is attached to this paper:

- (a) Appendix A: Electricity Information Exchange Protocol 12B – Retailer tariff rate notification.

Appendix A Electricity Information Exchange Protocol 12B - Retailer tariff rate notification.

Electricity Information Exchange Protocol 12B: Strawman file format

Title:	Electricity Information Exchange Protocol 12B – Retailer tariff rate notification
Version	1.B
Application:	This protocol applies when a third party service provider requests a retailer to provide its generally available tariff rates.
Participants:	Retailers
Code references:	Clause 11.1(g) and 11.32(g) of Part 11. Not regulated.
Dependencies:	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

1. A retailer may use this protocol when responding to a request from a third party service provider that requests the retailer's generally available tariff plans. This is a voluntary protocol.

Business requirements

1. The protocol is primarily designed to generate a CSV-formatted file. As an additional option, it can be used to develop an alternative file format (such as JSON) conveying the same content as agreed by the requesting and supplying parties.
2. The format should include a full and complete file of all the retailer's tariffs that are in use and comply with the attribute specifications and the protocol specifications that are set out in this protocol.
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 notification must include the conditions for application of the tariff rate.
5. Where a tariff rate 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, the tariff rate description should have the discount condition appended to the tariff name eg "Anytime Wellington domestic direct debit", and each different discount must be identified with a different tariff.
 - c. All components (such as separate rates, fees, levys etc)making up the plan must be included.
7. A file will consist of

- i. Single header row
- ii. One or more customer rows
- iii. One or more plan rows for each customer row
- iv. One Network/Distributor row for each plan
- v. Optional additional attribute/condition rows for each plan
- vi. One or more rate rows for each plan row
- vii. Optional rows if there is a time component attached to the rate

8. Attribute codes used in this format are listed at the end of this format to describe certain characteristics that apply to the application of a retailers pricing plan. Attribute codes may be specific to “customer”, “plan” or “tariff” information. Additional attribute codes must be approved by the Authority before they can be used.

Data inputs

Retailers’ generally available price plans.

Specifications

The specification has multiple levels, and contains optional segments to enable simplicity along with future flexibility within a csv structure.

- Level 1 - Customer type. This level specifies attributes particular to the customer class that the retailer is providing plans for, followed by 0 or more attribute rows as applicable
 - Attributes that relate to customers which is a collection of factors that define the customer
- Level 2 – Plan. A plan means a collection of Tariffs and Attributes available for a particular set of conditions, (ie region, configuration, etc)
 - Attributes that relate to the plan which are not customer related. It is a collection of factors that can additionally be applied to a plan (ie a discount, constraint filter, or extra piece of information such as T&C text or a URL)
- Level 3 - A network record providing common distributor level details that will make up a portion of the above set of conditions if applicable
- Level 3 – A tariff record provide 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.
 - Attributes that relate to tariffs which are not customer or plan related. It is a collection of factors that can additionally be applied to a tariff (ie requires loss adjustment)
 - Schedules that relate to tariffs are a collection of timespans to which a tariff or attribute may be limited.

Column	Format	Mandatory/ conditional/ optional	JSON element/ attribute	Comments
Header record type	Char 15	M	Header	HEADER – indicates the row is a header record type
File type	Char 7	M	FileType	Pricing Information - RETPRICE
Sender	Char 4	M	Sender	Participant identifier of sender
Sent on behalf of	Char 4	M	SentOnBehalfOf	Party code of party on whose behalf pricing data is provided
Recipient	Char 4	M	Recipient	Party code of recipient or in the case of a customer “CUST”
Report run date	DD/MM/YYYY	M	RunDate	Date the report is run
Report run time	HH:MM:SS	M	RunTime	Time the report is run
File initiator unique identifier	NUM 12	M	Identifier	Number that uniquely identifies the report
Number of lines in the report where a CSV format is delivered or number of tariffs in JSON is used	NUM 8	M	RecordCount	Total number of records in report not including the header

Attributes	Format	Mandatory/ conditional/ optional	JSON element/ attribute	Comments
Customer type				
Customer record type	Char 15	M	Customer	“CUSTOMER” – indicates the row defines the customer that the plan is relevant for
Customer text	Char 1000	C		Text value or description of the rules for allocation to customers. Null if there are no rules
Customer attributes <i>An extendable list of common customer attributes that is common to a CUSTOMER TYPE</i>				
Attribute	Char 15	M		“ATTRIBUTE” – indicates the attributes additional to rates

Attributes	Format	Mandatory/conditional/optional	JSON element/attribute	Comments
record type				that apply to the plan
Attribute code	Char 50	C		The name of the attribute eg "ANZSIC"
Value	Char 20.6	C		The numerical value (which may be either +ve or -ve) of the attribute eg "10.012345" or "10". Null if non-numerical attribute, ie "URL"
Unit	Char 25	C		The unit of the attribute eg "%", '\$'. Null if non-numerical attribute, ie "ANZSIC"
Attribute text	Char 1000	C		Text value or description of the rules of the attribute eg "Applies only to domestic customers with red roofs" Null if there is no attribute
Retailer				
Retailer record type	Char 15	M	Retailer	"RETAILER" – indicates the row defines the retailer that the plan is relevant for
Trader participant identifier	Char 4	M	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
Plan				
Plan record type	Char 15	M	Plan	"PLAN" – indicates the row defines the retailer that the tariff rate is relevant for. is a tariff plan record.
Retailers plan code	Char 50	O	PlanCode	A plan code assigned by a retailer that is unique to the plan
Retailers plan description	Char 50	M	PlanDescription	A plan description assigned by a retailer that is unique to the plan
Start date of plan	DD/MM/YYYY	C	StartDate	The future start date of the new tariff rate Null if the start date is in the past
End date of plan	DD/MM/YYYY	C	EndDate	The future end date of the tariff rate if it is known. Null if there is no end date
Close date	DD/MM/YYYY	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
LFC	Char 1	M	LFC	Indicator if the the plan complies with the requirements of the "Electricity (Low Fixed Charge Tariff Option for Domestic Consumers) Regulations 2004" If complies = "Y", otherwise "N"
Plan attributes.				

Attributes	Format	Mandatory/conditional/optional	JSON element/attribute	Comments
<i>An extendable list of common attributes, eligibility criteria, pricing conditions, additional information etc that is common to a PLAN.</i>				
Attribute record type	Char 15	M		"ATTRIBUTE" – indicates the attributes additional to rates that apply to the plan
Attribute code	Char 50	C		The name of the attribute eg "DISCOUNT_PROMPT_PAYMENT", "EXIT_FEE", "KVA_MAX", "URL"
Value	Char 20,6	C		The numerical value (which may be either +ve or –ve) of the attribute eg "10.012345" or "10". Null if non-numerical attribute, ie "URL"
Unit	Char 25	C		The unit of the attribute eg "%", "\$". Null if non numerical attribute, ie "URL"
Attribute text	Char 1000	C		Text value or description of the rules of the attribute eg "Applicable if paid within 10 business days" Null if there is no attribute
Network				
<i>This record identifies the network that the plan applies to. Where a plan applies to more than one network, there should be a network row provided for each network</i>				
Network record type	Char 15	M	Network	"NETWORK" – defines the network that the plan is relevant to.
Distributor participant identifier	Char 4	C	DistributorId	Details of the distributors network (obtainable for an ICP from the registry web portal) that the plan is applicable for.
NSP	Char 200	C	NSP	Network supply point where a tariff rate is specific to 1 or more NSP eg CPK0331CKHK. Separate NSPs with a space where there are multiple NSPs. Mandatory if the tariff rate is applicable to an NSP. Null if not applicable
Distributor price category code	Char 200	C	DPC	Price category code where a tariff rate is specific to 1 or more price category codes. Separate price category codes with a space where there are multiple codes. Mandatory if the tariff rate is applicable to a price category code. Null if not applicable
Distributor loss category code	Char 50	C	DLC	Loss category code where a tariff rate is specific to 1 or more loss category codes. Separate loss category codes with a space where there are multiple codes. Mandatory if the tariff rate is applicable to a loss category code.

Attributes	Format	Mandatory/conditional/optional	JSON element/attribute	Comments
				Null if not applicable
Tariff				
Tariff record type	Char 15	M		"TARIFF" – defines the eligible rates for the plan.
Retailers tariff identifier	Char 50	O		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 name	Char 50	M		The name of this component used by the retailer and that appears on the customers invoice eg "Domestic low fixed charge under 15kVA", "Electricity Authority levy" not necessarily tied to a meter register
Fixed Variable	Char 1	M		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
Tariff rate	Num 6.6	M		The specific tariff rate in either a) where unit type is spot + %, % of cost. In all other cases b) dollars per unit type
Unit type	Char 25	C		The type of unit to which the tariff rate applies as per unit of measure type table.
Flow direction indicator	Char 1	C		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	Char 6	C		Identifies the register content of a meter register to be eligible for the tariff rate. a) for fixed charges code is "Fixed" or b) for all electricity conveyed charges ie EA levy, meter lease charges "Null" or in all other cases c) for electricity delivered rate tariff components, as set out in SD-020 of the registry functional specification
Period of availability	Num 2.1	C		Identifies the period of availability of a meter register to be eligible for the tariff rate Null if not applicable
Tariff attributes				
<i>An extendable list of common attributes, eligibility criteria, pricing conditions, additional information, etc that is common to a tariff</i>				
Attribute	Char 15	M		"ATTRIBUTE" – indicates the attributes additional to rates that apply to the plan

Attributes	Format	Mandatory/conditional/optional	JSON element/attribute	Comments
record type				
Attribute code	Char 50	C		The name of the attribute eg "FIXED_TERM_PERIOD"
Date	DD/MM/YYYY	C		Date if attribute is dependent on a date Null if non-date attribute, ie "URL"
Value	Num 20.6	C		The numerical value (which may be either +ve or -ve) of the attribute eg "10.012345" or "10". Null if non-numerical attribute, ie "URL"
Unit	Char 25	C		The type of unit in which data is supplied as per unit of measure type table. Null if non-numerical attribute, ie "URL"
Attribute text	Char 1000	C		Text value or description of the rules of the attribute eg "Applicable if paid within 10 business days" or "Network or transmission losses are not included in costs" Null if there is no attribute
Schedule <i>If no schedule record, then applicable period assumed to be available 24x7x365</i> <i>If there are multiple active periods associated with a tariff rate, then multiple rows as required so that</i> <ol style="list-style-type: none"> <i>there is no more than one on and off period per row</i> <i>an active period cannot span midnight, if it does two rows should be used.</i> <i>ie Off peak:</i> 00:00-06:00, and, 22:00-24:00				
Daylight savings adjustment	Char 1	C		Indicator that the time periods during the period of daylight saving 1 – are adjusted to daylight saving time, or 2 – remain as standard time
Start time	HH:MM	C		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		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		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

Attributes	Format	Mandatory/ conditional/ optional	JSON element/ attribute	Comments
				<p>LNBD – local non business day declared in the network tariff structure</p> <p>SBD – special business day declared in the network tariff structure</p> <p>SPNBD – special non business day declared in the network tariff structure</p> <p>Or any combination of days expressed as the first three letters of a day name separated by a space.</p>
Month	Char 50	M		<p>Month of year that tariff rate 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</p>

Appendix 1 Optional attributes list

(To be confirmed and extended over time)

Code	Where attributes used			Values/Description
	Customer	Plan	Tariff	
ANZSIC	✓			The customers 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.
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 should the contract period be broken
CREDIT_CHECK	✓			Indicates that a satisfactory credit check is necessary for eligibility
DISCOUNT_PROMPT_PAYMENT	✓	✓		
DISCOUNT_PAYMENT_CUSTOMER_INITIATED	✓	✓		
DISCOUNT_PAYMENT RETAILER INITIATED	✓	✓		
DISCOUNT_OTHER	✓	✓		
EXIT_FEE	✓	✓		Break fee
FIXED_TERM_DATE			✓	

FIXED_TERM_PERIOD			✓	
FIXED_PRICE_DURING THE TERM			✓	
FUSE_SIZE_MIN		✓		
FUSE_SIZE_MAX		✓		
KWH_MIN		✓		
KWH_MAX		✓		
KVA_MAX		✓		
KVA_MIN		✓		
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 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
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
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. (I.e. Flick) 3 – Tariffs are variable rates that are over and above spot rates but with a fixed volume hedge 4 – Tariffs are unknown/estimated for a period, (ie Powershop)
SIGNON_FEE	✓	✓		Entrance fee

SIGNON_BOND	✓	✓		Bond requirements
SIGNON_BONUS	✓	✓		Sign on credit/value/bonus
SURCHARGE	✓	✓		Applies to certain types of payments
T and C	✓	✓	✓	Additional terms and conditions, free text
URL		✓	✓	Web link for more information, free text

Protocol specifications
<ol style="list-style-type: none"> 1. The file must be a comma delimited text file. Commas must not be used within fields. If portions of a field require separation, a tilde character (~) must be used. If commas need to be used in the fields, quotation marks must be used to exclude them as separators, as per the DOS CSV format. 2. Matching of file names, code list values, and other information must not be case sensitive. 3. The file must contain one header. 4. The first record of a file must contain header information followed by three (PLAN, NETWORK, TARIFF, ATTRIBUTE and SCHEDULE) or more detailed lines. 5. 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 "PRICE" must be used) + Report Year and Month (yyyymm) + Report Run Date (yyyymmdd) + UniqueID# (e.g. hhmm run time, or ICP but limited to Char(60)) with an extension of .TXT and with the components concatenated using the underscore character, to assist readability. e.g. TRUS_E_UNET_PRICE_200007_20000802_UniqueID.TXT [Char4_Char1_Char4_Char7_yyyymm_yyyymmdd_Char60.TXT]

Data outputs
Completed notification of generally available tariffs for transmission by the retailer to the requestor.

Definitions

In this protocol, the following definitions apply:

Code means the Electricity Industry Participation Code 2010

day means the measure of time for fixed daily charges

kWh means kilo watt hour energy (real energy).

Unless the context otherwise requires, any term that is defined in the Code and used in this protocol has the same meaning as in the Code.

Table 1 ASCII character set for use within fields of EIEPXX

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

Character	ASCII	Character	ASCII	Character	ASCII
63	?	96	`		

Table 2 Unit of measure table

Unit	Description
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)

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)

Header, RETPRICE, ASRL, ASRL, CUST, 22/02/2016, 12:25:25, 12345, 15

CUSTOMER, General availability

ATTRIBUTE, ANZSIC, 000000,,

RETAILER, ASRL, ASRL, Simple Retailer Ltd

PLAN, P106, Standard domestic,,,N

NETWORK, CKHK,, G104 G105 G106, LCC1

TARIFF, T106-FD, Daily supply charge, F, 2.1560, Day, B, Fixed,

TARRIF, T106-AICO, Inclusive, V, 0.1737, kWh, X, IN, 17

TARRIF, T104-UN, Uncontrolled, V, 0.1937, kWh, X, UN, 24

TARRIF, T105-CN, Controlled, V, 0.1537, kWh, X, CN, 17

PLAN, P102, LFC domestic,,,Y

NETWORK, CKHK,, G100 G101 G102, LCC1

TARIFF, T102-FD, Daily supply charge, F, 0.3333, Day, B, Fixed

TARIFF, T102-AICO, Inclusive, V, 0.2568, kWh, X, IN, 17

TARIFF, T100-UN, Uncontrolled, V, 0.2768, kWh, X, UN, 24

TARIFF, T101-CN, Controlled, V, 0.2368, kWh, X, CN, 17

Example 2

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 IN, CN and UN tariffs) for domestic consumers with the rate not available to new customers after 1 April 2016. The plan offers a 10% discount for prompt payment, and a further 2% discount for a direct debit payments.
- b) They are further limited to a region (Two particular NSPs) and Distributor Price Categories, (separate sets for LFC and SFC as tends to be the case in Wellington)

Header, RETPRICE, ASRL, ASRL, CUST, 22/02/2016, 12:25:25, 12345, 15

CUSTOMER, General availability

ATTRIBUTE, ANZSIC, 000000,,

RETAILER, ASRL, ASRL, Simple Retailer Ltd

PLAN, P106, Standard domestic,, 01/04/2016, N

ATTRIBUTE, DISCOUNT_PROMPT_PAYMENT, 10.00 ,%

ATTRIBUTE, DISCOUNT_ELECTRONIC_PAYMENT, 2.00 ,%, Direct Debit authority required

NETWORK, CKHK, WIL0331CKHK UHT0331CKHK, G104 G105 G106, LCC1

TARIFF, T106-FD, Daily supply charge, F, 2.1560, Day, B, Fixed,

TARRIF, T106-AICO, Inclusive, V, 0.1737, kWh, X, IN, 17

TARRIF, T104-UN, Uncontrolled, V, 0.1937, kWh, X, UN, 24

TARRIF, T105-CN, Controlled, V, 0.1537, kWh, X, CN, 17

PLAN, P102, LFC domestic, , 01/04/2016, Y

ATTRIBUTE, DISCOUNT_PROMPT_PAYMENT, 10.00 ,%

ATTRIBUTE, DISCOUNT_ELECTRONIC_PAYMENT, 2.00 ,%, Direct Debit authority required

NETWORK, CKHK, WIL0331CKHK UHT0331CKHK, G100 G101 G102, LCC1

TARIFF, T102-FD, Daily supply charge, F, 0.3333 ,Day, B, Fixed

TARIFF, T102-AICO, Inclusive, V, 0.2568, kWh, X, IN, 17

TARIFF, T100-UN, Uncontrolled, V, 0.2768, kWh, X, UN, 24

TARIFF, T101-CN, Controlled, V, 0.2368, kWh, X, CN, 17