14 May 2014

To Electricity Industry Code Participants,

It is with reference to section 5.3(a) of the ELECTRICITY INDUSTRY COMMUNICATION RULES that Western Power is providing notice of its intention to upgrade its market facing systems. This is **Change Request #13**, which was first notified to the market on Friday, 20 December 2013.

NOTICE

Under Change Request #13, Western Power intends to implement changes to allow retailers to nominate bi-directional services and associated tariffs that affect transactions processed between code participants and Western Power.

Western Power plans to implement the following system changes for Bi-directional Tariffs on Thursday 12 June 2014.

Change Request #13:

- SD-1   Implement Four New Bi-directional Tariff Codes (RT13-16)

- SD-2   Implement a Non–Reference Service Tariff Code [1]

- SD-3   Add the Non- Reference Service option to the Proposed Tariff List in Metering Service Centre

- SD-4   Update the Billing Schema for the Bi-Directional Tariffs and the Non-Reference Tariff

Western Power has assessed that all changes SD-1 through SD-4 listed in this document may have an impact on Code Participant systems as Western Power will publish the Bi-Directional Tariff Codes and the Non-Reference Tariff in Standing Data.

The four Bi-directional Tariff Codes are BAER, BTOUS, BAEB and BTOUL. The Non-Reference Service Tariff will be denoted by a prefix of "N" added to RT1 through RT16 for NMI's on a Non-Reference Service.

For Code Participants utilising B2B transactions specifically, Western Power will publish:

1. New component codes for Bi-Directional Tariffs in the B2B specification.

2. An "N" prefix to denote a Non-Reference Tariff sent from Western Power.

There will be no change to the Network Bill Charges file format or structure only a change to the Network Billing Schedules. If a customer is on a Non-Reference Tariff this will be added to the normal billing lines for that particular tariff on which the Non-Reference Service is based.

Western Power has no intention to change the contents of the SWIS Communication Build Pack or related B2B specifications. However the Network Tariff Codes contained in the SWIS Communication Rules Build Pack document "Key to Codes used in the Build Pack" will be amended. (See Appendix A).

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[1] A Non-Reference Service is defined as an exit, entry or a bidirectional service where the applicable service standard, tariff, terms or conditions differ materially from the equivalent reference service.

The schedules attached to the WA B2B Process Specification-Network Billing will also be updated with the Network Tariff code components and events. New Tariff Component Codes are proposed for Bidirectional Tariffs and Non- Reference services (See Appendix B). These descriptions currently appear in the XML file issued to each retailer in a 60 character field. Some of these descriptions will exceed the 60 character length and could be truncated. The full list of code will also be published on the Western Power website.

The Non-Reference Tariff Fees have also been amended and are referenced in this document as Appendix C. Appendix D is the updated Naming Convention Information for Tariff Component Codes.

Code Participants are invited to submit written comments on the new codes to metering.systems.support@westernpower.com.au by no later than 16:00 WST Friday 30 May 2014. Please note that if no response is received by the date specified above, under Clause 5.3 (c) of the ELECTRICITY INDUSTRY COMMUNICATION RULES, the Network Operator will consider the changes deemed to be agreed and will proceed to schedule the fixes for implementation.

The updated WA B2B Process Specification – Network Billing and SWIS Communication Rules – Build Pack Key to Codes Used in the Build Pack will then both be published to the Western Power website following the review period.

Appendix A Follows……

Appendix A – SWIS Communication Rules Build Pack- Key to Codes Used - Network Tariff Codes

CODE	DESCRIPTION
AEB	Anytime Energy (Business)
AER	Anytime Energy (Residential)
HVCMD	High Voltage CMD
HVMD	High Voltage Metered Demand
LVCMD	Low Voltage CMD
LVMD	Low Voltage Metered Demand
STLGHT	Streetlight
TOUL	Time of Use (Large)
TOUS	Time of Use (Small)
UMS	Unmetered Supply
DEN	Distribution Entry
TREX	Transmission Exit
TREN	Transmission Entry
HVCMDZ	High Voltage Contract Maximum Demand (Zone Substation Connected)
BAER	**Anytime Energy (Residential) Bi-Directional Service**
BAEB	**Anytime Energy (Business) Bi-Directional Service**
BTOUS	**Time Of Use Energy (Small) Bi-Directional Service**
BTOUL	**Time Of Use Energy (Large) Bi-Directional Service**
NAER	**Non Reference Anytime Energy (Residential) Exit Service**
NAEB	**Non Reference Anytime Energy (Business) Exit Service**
NTOUS	**Non Reference Time Of Use Energy (Small) Exit Service**
NTOUL	**Non Reference Time Of Use Energy (Large) Exit Service**
NHVMD	**Non Reference High Voltage Metered Demand Exit Service**
NLVMD	**Non Reference Low Voltage Metered Demand Exit Service**
NHVCMD	**Non Reference High Voltage Contract Maximum Demand Exit Service**
NHVCMDZ	**Non Reference High Voltage CMD Exit Service (Zone Sub Connected)**
NLVCMD	**Non Reference Low Voltage Contract Maximum Demand Exit Service**
NSTLGHT	**Non Reference Streetlighting Exit Service**
NUMS	**Non Reference Un-Metered Supplies Exit Service**
NDEN	**Non Reference Distribution Entry Service**
NTREX	**Non Reference Transmission Exit Service**
NTREN	**Non Reference Transmission Entry Service**
NBAER	**Non Reference Anytime Energy (Residential) Bi-Directional Service**
NBAEB	**Non Reference Anytime Energy (Business) Bi-Directional Service**
NBTOUS	**Non Reference Time Of Use Energy (Small) Bi-Directional Service**
NBTOUL	**Non Reference Time Of Use Energy (Large) Bi-Directional Service**

Note: The additional Network Tariff codes are those marked in red.

Appendix B – WA B2B Process Specification - Network Billing Tariff Component Codes[2]

	Network Tariff Component Code	Reference Service Component Code	Line Description	UOM	Step
DUOS	RT01-I-G	A01-I-G	Anytime Energy (Res) - Info - Group Count		1
DUOS	RT01-I-U	A01-I-U	Anytime Energy (Res) - Info - Total Consumption	KWHE	1
DUOS	RT01-I-F	A01-I-F	Anytime Energy (Res) - Info - Power Factor	PFE	1
DUOS	RT01-I-Y	A01-I-Y	Anytime Energy (Res) - Info - Non Reference Tariff		1
DUOS	RT01-D-UF	A01-D-UF	Anytime Energy (Res) Exit Service Fixed	DAY	1
TUOS	RT01-T-UF	A01-T-UF	Anytime Energy (Res) Exit Service Fixed	DAY	1
DUOS	RT01-D-UV	A01-D-UV	Anytime Energy (Res) Exit Service Variable	KWHE	1
TUOS	RT01-T-UV	A01-T-UV	Anytime Energy (Res) Exit Service Variable	KWHE	1
DUOS	RT01-D-MF	A01-D-MF	Anytime Energy (Res) Exit Service Metering Fixed	EA	1
DUOS	RT01-D-MV	A01-D-MV	Anytime Energy (Res) Exit Service Metering Variable	KWHE	1
DUOS	RT01-D-I	A01-D-I	Anytime Energy (Res) Exit Service Cap Con Credit		1
TUOS	RT01-T-I	A01-T-I	Anytime Energy (Res) Exit Service Cap Con Credit		1
DUOS	RT02-I-G	A02-I-G	Anytime Energy (Bus) - Info - Group Count		1
DUOS	RT02-I-U	A02-I-U	Anytime Energy (Bus) - Info - Total Consumption	KWHE	1
DUOS	RT02-I-F	A02-I-F	Anytime Energy (Bus) - Info - Power Factor	PFE	1
DUOS	RT02-I-Y	A02-I-Y	Anytime Energy (Bus) - Info - Non Reference Tariff		1
DUOS	RT02-D-UF	A02-D-UF	Anytime Energy (Bus) Exit Service Fixed	DAY	1
TUOS	RT02-T-UF	A02-T-UF	Anytime Energy (Bus) Exit Service Fixed	DAY	1
DUOS	RT02-D-UV	A02-D-UV	Anytime Energy (Bus) Exit Service Variable	KWHE	1
TUOS	RT02-T-UV	A02-T-UV	Anytime Energy (Bus) Exit Service Variable	KWHE	1
DUOS	RT02-D-MF	A02-D-MF	Anytime Energy (Bus) Exit Service Metering Fixed	EA	1
DUOS	RT02-D-MV	A02-D-MV	Anytime Energy (Bus) Exit Service Metering Variable	KWHE	1
DUOS	RT02-D-I	A02-D-I	Anytime Energy (Bus) Exit Service Cap Con Credit		1
TUOS	RT02-T-I	A02-T-I	Anytime Energy (Bus) Exit Service Cap Con Credit		1
DUOS	RT03-I-G	A03-I-G	Time of Use Energy (Small) - Info - Group Count		1
DUOS	RT03-I-UO	A03-I-UO	Time of Use Energy (Small) - Info - Off Peak Consumption	KWHE	1
DUOS	RT03-I-UP	A03-I-UP	Time of Use Energy (Small) - Info - On Peak Consumption	KWHE	1
DUOS	RT03-I-F	A03-I-F	Time of Use Energy (Small) - Info - Power Factor	PFE	1
DUOS	RT03-I-Y	A03-I-Y	Time of Use Energy (Small) - Info - Non Reference Tariff		1
DUOS	RT03-D-UF	A03-D-UF	Time of Use Energy (Small) Exit Service Fixed	DAY	1
TUOS	RT03-T-UF	A03-T-UF	Time of Use Energy (Small) Exit Service Fixed	DAY	1
DUOS	RT03-D-UVP	A03-D-UVP	Time of Use Energy (Small) Exit Service Variable On Peak	KWHE	1
TUOS	RT03-T-UVP	A03-T-UVP	Time of Use Energy (Small) Exit Service Variable On Peak	KWHE	1
DUOS	RT03-D-UVO	A03-D-UVO	Time of Use Energy (Small) Exit Service Variable Off Peak	KWHE	1
TUOS	RT03-T-UVO	A03-T-UVO	Time of Use Energy (Small) Exit Service Variable Off Peak	KWHE	1
DUOS	RT03-D-MF	A03-D-MF	Time of Use Energy (Small) Exit Service Metering Fixed	EA	1
DUOS	RT03-D-MVP	A03-D-MVP	Time of Use Energy (Small) Exit Service Metering On Peak	KWHE	1
DUOS	RT03-D-MVO	A03-D-MVO	Time of Use Energy (Small) Exit Service Metering Off Peak	KWHE	1
DUOS	RT03-D-I	A03-D-I	Time of Use Energy (Small) Exit Service Cap Con Credit		1
TUOS	RT03-T-I	A03-T-I	Time of Use Energy (Small) Exit Service Cap Con Credit		1
DUOS	RT04-I-G	A04-I-G	Time of Use Energy (Large) - Info - Group Count		1
DUOS	RT04-I-UO	A04-I-UO	Time of Use Energy (Large) - Info - Off Peak Consumption	KWHE	1
DUOS	RT04-I-UP	A04-I-UP	Time of Use Energy (Large) - Info - On Peak Consumption	KWHE	1
DUOS	RT04-I-F	A04-I-F	Time of Use Energy (Large) - Info - Power Factor	PFE	1
DUOS	RT04-I-Y	A04-I-Y	Time of Use Energy (Large) - Info - Non Reference Tariff		1

	Network Tariff Component Code	Reference Service Component Code	Line Description	UOM	Step
DUOS	RT04-D-UF	A04-D-UF	Time of Use Energy (Large) Exit Service Fixed	DAY	1
TUOS	RT04-T-UF	A04-T-UF	Time of Use Energy (Large) Exit Service Fixed	DAY	1
DUOS	RT04-D-UVP	A04-D-UVP	Time of Use Energy (Large) Exit Service Variable On Peak	KWHE	1
TUOS	RT04-T-UVP	A04-T-UVP	Time of Use Energy (Large) Exit Service Variable On Peak	KWHE	1
DUOS	RT04-D-UVO	A04-D-UVO	Time of Use Energy (Large) Exit Service Variable Off Peak	KWHE	1
TUOS	RT04-T-UVO	A04-T-UVO	Time of Use Energy (Large) Exit Service Variable Off Peak	KWHE	1
DUOS	RT04-D-MF	A04-D-MF	Time of Use Energy (Large) Exit Service Metering Fixed	EA	1
DUOS	RT04-D-MVP	A04-D-MVP	Time of Use Energy (Large) Exit Service Metering On Peak	KWHE	1
DUOS	RT04-D-MVO	A04-D-MVO	Time of Use Energy (Large) Exit Service Metering Off Peak	KWHE	1
DUOS	RT04-D-I	A04-D-I	Time of Use Energy (Large) Exit Service Cap Con Credit		1
TUOS	RT04-T-I	A04-T-I	Time of Use Energy (Large) Exit Service Cap Con Credit		1
DUOS	RT05-I-G	A05-I-G	High Voltage Metered Demand - Info - Group Count		1
DUOS	RT05-I-UO	A05-I-UO	High Voltage Metered Demand - Info - Off Peak Consumption	KWHE	1
DUOS	RT05-I-UP	A05-I-UP	High Voltage Metered Demand - Info - On Peak Consumption	KWHE	1
DUOS	RT05-I-P	A05-I-P	High Voltage Metered Demand - Info - Demand Peak	KVAE	1
DUOS	RT05-I-F	A05-I-F	High Voltage Metered Demand - Info - Power Factor at Peak	PFE	1
DUOS	RT05-I-Y	A05-I-Y	High Voltage Metered Demand - Info - Non Reference Tariff		1
DUOS	RT05-D-DF	A05-D-DF	High Voltage Metered Demand Exit Service Fixed	DAY	1
DUOS	RT05-D-DFX	A05-D-DFX	DISCOUNT on RT05-D-DF		1
TUOS	RT05-T-DF	A05-T-DF	High Voltage Metered Demand Exit Service Fixed	DAY	1
TUOS	RT05-T-DFX	A05-T-DFX	DISCOUNT on RT05-T-DF		1
DUOS	RT05-D-DV	A05-D-DV	High Voltage Metered Demand Exit Service Variable		1
DUOS	RT05-D-DVX	A05-D-DVX	DISCOUNT on RT05-D-DV		1
TUOS	RT05-T-DV	A05-T-DV	High Voltage Metered Demand Exit Service Variable		1
TUOS	RT05-T-DVX	A05-T-DVX	DISCOUNT on RT05-T-DV		1
DUOS	RT05-D-MF	A05-D-MF	High Voltage Metered Demand Exit Service Metering Fixed	EA	1
DUOS	RT05-D-MFC	A05-D-MFC	High Voltage Metered Demand Exit Service Metering Fixed	EA	1
DUOS	RT05-D-LVL	A05-D-LVL	High Voltage Metered Demand Exit Service Demand Length <= 10		1
DUOS	RT05-D-LVG	A05-D-LVG	High Voltage Metered Demand Exit Service Demand Length > 10		2
DUOS	RT05-D-I	A05-D-I	High Voltage Metered Demand Exit Service Cap Con Credit		1
TUOS	RT05-T-I	A05-T-I	High Voltage Metered Demand Exit Service Cap Con Credit		1
DUOS	RT06-I-G	A06-I-G	Low Voltage Metered Demand - Info - Group Count		1
DUOS	RT06-I-O	A06-I-O	Low Voltage Metered Demand - Info - MPOS Group Count		1
DUOS	RT06-I-UO	A06-I-UO	Low Voltage Metered Demand - Info - Off Peak Consumption	KWHE	1
DUOS	RT06-I-UP	A06-I-UP	Low Voltage Metered Demand - Info - On Peak Consumption	KWHE	1
DUOS	RT06-I-P	A06-I-P	Low Voltage Metered Demand - Info - Demand Peak	KVAE	1
DUOS	RT06-I-F	A06-I-F	Low Voltage Metered Demand - Info - Power Factor at Peak	PFE	1
DUOS	RT06-I-Y	A06-I-Y	Low Voltage Metered Demand - Info - Non Reference Tariff		1
DUOS	RT06-D-DF	A06-D-DF	Low Voltage Metered Demand Exit Service Fixed	DAY	1
DUOS	RT06-D-DFX	A06-D-DFX	DISCOUNT on RT06-D-DF		1
TUOS	RT06-T-DF	A06-T-DF	Low Voltage Metered Demand Exit Service Fixed	DAY	1
TUOS	RT06-T-DFX	A06-T-DFX	DISCOUNT on RT06-T-DF		1
DUOS	RT06-D-DV	A06-D-DV	Low Voltage Metered Demand Exit Service Variable		1
DUOS	RT06-D-DVX	A06-D-DVX	DISCOUNT on RT06-D-DV		1
TUOS	RT06-T-DV	A06-T-DV	Low Voltage Metered Demand Exit Service Variable		1
TUOS	RT06-T-DVX	A06-T-DVX	DISCOUNT on RT06-T-DV		1
DUOS	RT06-D-MF	A06-D-MF	Low Voltage Metered Demand Exit Service Metering Fixed	EA	1
DUOS	RT06-D-MFC	A06-D-MFC	Low Voltage Metered Demand Exit Service Metering Fixed	EA	1
DUOS	RT06-D-LVL	A06-D-LVL	Low Voltage Metered Demand Exit Service Demand Length <= 10		1
DUOS	RT06-D-LVG	A06-D-LVG	Low Voltage Metered Demand Exit Service Demand Length > 10		2
DUOS	RT06-D-I	A06-D-I	Low Voltage Metered Demand Exit Service Cap Con Credit		1

DM#: 11979925

	Network Tariff Component Code	Reference Service Component Code	Line Description	UOM	Step
TUOS	RT06-T-I	A06-T-I	Low Voltage Metered Demand Exit Service Cap Con Credit		1
DUOS	RT07-I-G	A07-I-G	High Voltage CMD - Info - Group Count		1
DUOS	RT07-I-O	A07-I-O	High Voltage CMD - Info - MPOS Group Count		1
DUOS	RT07-I-BS	A07-I-BS	High Voltage CMD - Info - FBC - Same Sub		1
DUOS	RT07-I-B	A07-I-B	High Voltage CMD - Info - FBC		1
DUOS	RT07-I-Z	A07-I-Z	High Voltage CMD - Info - Zone Sub Connected		1
DUOS	RT07-I-P	A07-I-P	High Voltage CMD - Info - Demand Peak	KVAE	1
DUOS	RT07-I-F	A07-I-F	High Voltage CMD - Info - Power Factor at Peak	PFE	1
DUOS	RT07-I-U	A07-I-U	High Voltage CMD - Info - Total Consumption	KWHE	1
DUOS	RT07-I-N	A07-I-N	High Voltage CMD - Info - CMD		1
DUOS	RT07-I-Y	A07-I-Y	High Voltage CMD - Info - Non Reference Tariff		1
DUOS	RT07-D-DF	A07-D-DF	High Voltage CMD Exit Service Fixed	DAY	1
TUOS	RT07-T-DF	A07-T-DF	High Voltage CMD Exit Service Fixed	DAY	1
TUOS	RT07-T-DFX	A07-T-DFX	High Voltage CMD Exit Service Fixed - FBC Discount		1
DUOS	RT07-D-DV	A07-D-DV	High Voltage CMD Exit Service Variable		1
TUOS	RT07-T-DVX	A07-T-DVX	High Voltage CMD Exit Service Variable - FBC Discount		1
TUOS	RT07-T-DV	A07-T-DV	High Voltage CMD Exit Service Variable		1
DUOS	RT07-D-MF	A07-D-MF	High Voltage CMD Exit Service Metering Fixed	EA	1
DUOS	RT07-D-MFC	A07-D-MFC	High Voltage CMD Exit Service Metering Fixed	EA	1
DUOS	RT07-D-LVL	A07-D-LVL	High Voltage CMD Exit Service Demand Length <= 10		1
DUOS	RT07-D-LVG	A07-D-LVG	High Voltage CMD Exit Service Demand Length > 10		2
DUOS	RT07-D-AF	A07-D-AF	High Voltage CMD Exit Service Administration	DAY	1
DUOS	RT07-D-E	A07-D-E	High Voltage CMD Exit Service Excess Network Usage	KVAE	1
TUOS	RT07-T-E	A07-T-E	High Voltage CMD Exit Service Excess Network Usage	KVAE	1
DUOS	RT07-D-I	A07-D-I	High Voltage CMD Exit Service Cap Con Credit		1
TUOS	RT07-T-I	A07-T-I	High Voltage CMD Exit Service Cap Con Credit		1
DUOS	RT08-I-G	A08-I-G	Low Voltage CMD - Info - Group Count		1
DUOS	RT08-I-O	A08-I-O	Low Voltage CMD - Info - MPOS Group Count		1
DUOS	RT08-I-BS	A08-I-BS	Low Voltage CMD - Info - FBC - Same Sub		1
DUOS	RT08-I-B	A08-I-B	Low Voltage CMD - Info - FBC		1
DUOS	RT08-I-P	A08-I-P	Low Voltage CMD - Info - Demand Peak	KVAE	1
DUOS	RT08-I-F	A08-I-F	Low Voltage CMD - Info - Power Factor at Peak	PFE	1
DUOS	RT08-I-U	A08-I-U	Low Voltage CMD - Info - Total Consumption	KWHE	1
DUOS	RT08-I-Y	A08-I-Y	Low Voltage CMD - Info - Non Reference Tariff		1
DUOS	RT08-I-N	A08-I-N	Low Voltage CMD - Info - CMD		1
DUOS	RT08-D-DF	A08-D-DF	Low Voltage CMD Exit Service Fixed	DAY	1
TUOS	RT08-T-DF	A08-T-DF	Low Voltage CMD Exit Service Fixed	DAY	1
TUOS	RT08-T-DFX	A08-T-DFX	Low Voltage CMD Exit Service Fixed - FBC Discount		1
DUOS	RT08-D-DV	A08-D-DV	Low Voltage CMD Exit Service Variable		1
TUOS	RT08-T-DVX	A08-T-DVX	Low Voltage CMD Exit Service Variable - FBC Discount		1
TUOS	RT08-T-DV	A08-T-DV	Low Voltage CMD Exit Service Variable		1
DUOS	RT08-D-MF	A08-D-MF	Low Voltage CMD Exit Service Metering Fixed	EA	1
DUOS	RT08-D-MFC	A08-D-MFC	Low Voltage CMD Exit Service Metering Fixed	EA	1
DUOS	RT08-D-LVL	A08-D-LVL	Low Voltage CMD Exit Service Demand Length <= 10		1
DUOS	RT08-D-LVG	A08-D-LVG	Low Voltage CMD Exit Service Demand Length > 10		2
DUOS	RT08-D-VF	A08-D-VF	Low Voltage CMD Exit Service Low Voltage Charge Fixed	DAY	1
DUOS	RT08-D-VV	A08-D-VV	Low Voltage CMD Exit Service Low Voltage Charge Variable		1
DUOS	RT08-D-AF	A08-D-AF	Low Voltage CMD Exit Service Administration	DAY	1
DUOS	RT08-D-E	A08-D-E	Low Voltage CMD Exit Service Excess Network Usage	KVAE	1
TUOS	RT08-T-E	A08-T-E	Low Voltage CMD Exit Service Excess Network Usage	KVAE	1
DUOS	RT08-D-I	A08-D-I	Low Voltage CMD Exit Service Cap Con Credit		1

	Network Tariff Component Code	Reference Service Component Code	Line Description	UOM	Step
TUOS	RT08-T-I	A08-T-I	Low Voltage CMD Exit Service Cap Con Credit		1
DUOS	RT09-I-Y	A09-I-Y	Streetlighting Exit Service Fixed - Info - Non Reference Tariff		1
DUOS	RT09-D-UF	A09-D-UF	Streetlighting Exit Service Fixed	DAY	1
TUOS	RT09-T-UF	A09-T-UF	Streetlighting Exit Service Fixed	DAY	1
DUOS	RT09-D-UV	A09-D-UV	Streetlighting Exit Service Variable	KWHE	1
TUOS	RT09-T-UV	A09-T-UV	Streetlighting Exit Service Variable	KWHE	1
DUOS	RT09-D-TB3	A09-D-TB3	Streetlighting Exit Service Asset (40W FLU)		1
DUOS	RT09-D-TC7	A09-D-TC7	Streetlighting Exit Service Asset (50W MV)		1
DUOS	RT09-D-TCA	A09-D-TCA	Streetlighting Exit Service Asset (50W MVL)		1
DUOS	RT09-D-TDB	A09-D-TDB	Streetlighting Exit Service Asset (60W INC)		1
DUOS	RT09-D-TDE	A09-D-TDE	Streetlighting Exit Service Asset (60W MV)		1
DUOS	RT09-D-TEF	A09-D-TEF	Streetlighting Exit Service Asset (70W HPS)		1
DUOS	RT09-D-TEI	A09-D-TEI	Streetlighting Exit Service Asset (70W MH)		1
DUOS	RT09-D-TEL	A09-D-TEL	Streetlighting Exit Service Asset (70W MV)		1
DUOS	RT09-D-TFT	A09-D-TFT	Streetlighting Exit Service Asset (80W FLU)		1
DUOS	RT09-D-TFW	A09-D-TFW	Streetlighting Exit Service Asset (80W HPS)		1
DUOS	RT09-D-TFZ	A09-D-TFZ	Streetlighting Exit Service Asset (80W MH)		1
DUOS	RT09-D-TG2	A09-D-TG2	Streetlighting Exit Service Asset (80W MV)		1
DUOS	RT09-D-TG5	A09-D-TG5	Streetlighting Exit Service Asset (80W MVL)		1
DUOS	RT09-D-TG8	A09-D-TG8	Streetlighting Exit Service Asset (80W PHP)		1
DUOS	RT09-D-TIL	A09-D-TIL	Streetlighting Exit Service Asset (100W INC)		1
DUOS	RT09-D-TLD	A09-D-TLD	Streetlighting Exit Service Asset (125W HPS)		1
DUOS	RT09-D-TLG	A09-D-TLG	Streetlighting Exit Service Asset (125W INC)		1
DUOS	RT09-D-TLJ	A09-D-TLJ	Streetlighting Exit Service Asset (125W MH)		1
DUOS	RT09-D-TLM	A09-D-TLM	Streetlighting Exit Service Asset (125W MV)		1
DUOS	RT09-D-TLP	A09-D-TLP	Streetlighting Exit Service Asset (125W MVL)		1
DUOS	RT09-D-TNB	A09-D-TNB	Streetlighting Exit Service Asset (140W HPS)		1
DUOS	RT09-D-TNE	A09-D-TNE	Streetlighting Exit Service Asset (140W MV)		1
DUOS	RT09-D-TNL	A09-D-TNL	Streetlighting Exit Service Asset (150W HPS)		1
DUOS	RT09-D-TNO	A09-D-TNO	Streetlighting Exit Service Asset (150W MH)		1
DUOS	RT09-D-TNR	A09-D-TNR	Streetlighting Exit Service Asset (150W MV)		1
DUOS	RT09-D-TNU	A09-D-TNU	Streetlighting Exit Service Asset (150W INC)		1
DUOS	RT09-D-TOZ	A09-D-TOZ	Streetlighting Exit Service Asset (200W HPS)		1
DUOS	RT09-D-TP2	A09-D-TP2	Streetlighting Exit Service Asset (200W INC)		1
DUOS	RT09-D-TQ3	A09-D-TQ3	Streetlighting Exit Service Asset (250W FLU)		1
DUOS	RT09-D-TQ6	A09-D-TQ6	Streetlighting Exit Service Asset (250W HPS)		1
DUOS	RT09-D-TQ9	A09-D-TQ9	Streetlighting Exit Service Asset (250W LPS)		1
DUOS	RT09-D-TQC	A09-D-TQC	Streetlighting Exit Service Asset (250W MH)		1
DUOS	RT09-D-TQF	A09-D-TQF	Streetlighting Exit Service Asset (250W MV)		1
DUOS	RT09-D-TQI	A09-D-TQI	Streetlighting Exit Service Asset (250W MVO)		1
DUOS	RT09-D-TTZ	A09-D-TTZ	Streetlighting Exit Service Asset (400W HPS)		1
DUOS	RT09-D-TU2	A09-D-TU2	Streetlighting Exit Service Asset (400W MV)		1
DUOS	RT09-D-TU5	A09-D-TU5	Streetlighting Exit Service Asset (400W MVL)		1
DUOS	RT09-D-TVD	A09-D-TVD	Streetlighting Exit Service Asset (500W INC)		1
DUOS	RT10-I-Y	A10-I-Y	Un-Metered Supplies Exit Service Fixed - Info - Non Reference Tariff		1
DUOS	RT10-D-UF	A10-D-UF	Un-Metered Supplies Exit Service Fixed	DAY	1
TUOS	RT10-T-UF	A10-T-UF	Un-Metered Supplies Exit Service Fixed	DAY	1
DUOS	RT10-D-UV	A10-D-UV	Un-Metered Supplies Exit Service Variable	KWHE	1
TUOS	RT10-T-UV	A10-T-UV	Un-Metered Supplies Exit Service Variable	KWHE	1
DUOS	TRT1-I-G	A11-I-G	Transmission Exit - Info - Group Count		1
DUOS	TRT1-I-O	A11-I-O	Transmission Exit - Info - MPOS Group Count		1

	Network Tariff Component Code	Reference Service Component Code	Line Description	UOM	Step
DUOS	TRT1-I-P	A11-I-P	Transmission Exit - Info - Demand Peak		1
DUOS	TRT1-I-F	A11-I-F	Transmission Exit - Info - Power Factor	PFE	1
DUOS	TRT1-I-U	A11-I-U	Transmission Exit - Info - Total Consumption	KWHE	1
DUOS	TRT1-I-B	A11-I-B	Transmission Exit - Info - FBC		1
DUOS	TRT1-I-BS	A11-I-BS	Transmission Exit - Info - FBC - Same Sub		1
DUOS	TRT1-I-N	A11-I-N	Transmission Exit - Info - CMD		1
DUOS	TRT1-I-Y	A11-I-Y	Transmission Exit - Info - Non Reference Tariff		1
TUOS	TRT1-T-X	A11-T-X	Transmission Exit Service User Charge	DAY	1
TUOS	TRT1-T-UV	A11-T-UV	Transmission Exit Service Use Of System		1
TUOS	TRT1-T-RV	A11-T-RV	Transmission Exit Service Common Service		1
TUOS	TRT1-T-RVX	A11-T-RVX	Transmission Exit Service Common Service - FBC Discount		1
TUOS	TRT1-T-SV	A11-T-SV	Transmission Exit Service Control System		1
TUOS	TRT1-T-MF	A11-T-MF	Transmission Exit Service Metering Fixed	EA	1
TUOS	TRT1-T-E	A11-T-E	Transmission Exit Service Excess Network Usage	KWE	1
TUOS	TRT1-T-I	A11-T-I	Transmission Exit Service Cap Con Credit		1
DUOS	RT11-I-G	B01-I-G	Distribution Entry - Info - Group Count		1
DUOS	RT11-I-P	B01-I-P	Distribution Entry - Info - Demand Peak	KWI	1
DUOS	RT11-I-U	B01-I-U	Distribution Entry - Info - Total Consumption	KWHI	1
DUOS	RT11-I-N	B01-I-N	Distribution Entry - Info - Nameplate Output	KWI	1
DUOS	RT11-I-Q	B01-I-Q	Distribution Entry - Info - DSOC	KWI	1
DUOS	RT11-I-Y	B01-I-Y	Distribution Entry - Info - Non Reference Tariff		1
TUOS	RT11-T-CV	B01-T-CV	Distribution Entry Service Connection		1
TUOS	RT11-T-SV	B01-T-SV	Distribution Entry Service Control System		1
TUOS	RT11-T-UV	B01-T-UV	Distribution Entry Service Use Of System		1
DUOS	RT11-D-MF	B01-D-MF	Distribution Entry Service Metering Fixed	EA	1
DUOS	RT11-D-MFC	B01-D-MFC	Distribution Entry Service Metering Fixed	EA	1
DUOS	RT11-D-LVL	B01-D-LVL	Distribution Entry Service Demand Length <= 10		1
DUOS	RT11-D-LVG	B01-D-LVG	Distribution Entry Service Demand Length > 10		2
DUOS	RT11-D-E	B01-D-E	Distribution Entry Service Excess Network Usage	KWI	1
TUOS	RT11-T-E	B01-T-E	Distribution Entry Service Excess Network Usage	KWI	1
DUOS	RT11-D-I	B01-D-I	Distribution Entry Service Cap Con Credit		1
TUOS	RT11-T-I	B01-T-I	Distribution Entry Service Cap Con Credit		1
DUOS	TRT2-I-G	B02-I-G	Transmission Entry - Info - Group Count		1
DUOS	TRT2-I-O	B02-I-O	Transmission Entry - Info - MPOS Group Count		1
DUOS	TRT2-I-P	B02-I-P	Transmission Entry - Info - Demand Peak	KWI	1
DUOS	TRT2-I-U	B02-I-U	Transmission Entry - Info - Total Consumption	KWHI	1
DUOS	TRT2-I-N	B02-I-N	Transmission Entry - Info - Nameplate Output	KWI	1
DUOS	TRT2-I-Q	B02-I-Q	Transmission Entry - Info - DSOC	KWI	1
DUOS	TRT2-I-Y	B02-I-Y	Transmission Entry - Info - Non Reference Tariff		1
TUOS	TRT2-T-X	B02-T-X	Transmission Entry Service User Charge	DAY	1
TUOS	TRT2-T-UV	B02-T-UV	Transmission Entry Service Use Of System		1
TUOS	TRT2-T-SV	B02-T-SV	Transmission Entry Service Control System		1
TUOS	TRT2-T-MF	B02-T-MF	Transmission Entry Service Metering Fixed	EA	1
TUOS	TRT2-T-E	B02-T-E	Transmission Entry Service Excess Network Usage	KWI	1
TUOS	TRT2-T-I	B02-T-I	Transmission Entry Service Cap Con Credit		1
DUOS	RT13-I-G	C01-I-G	Anytime Energy (Res) BiDirectional - Info- Group Count		1
DUOS	RT13-I-U	C01-I-U	Anytime Energy (Res) BiDirectional - Info- Total Consumption	KWHE	1
DUOS	RT13-I-F	C01-I-F	Anytime Energy (Res) BiDirectional - Info- Power Factor	PFE	1
DUOS	RT13-I-Y	C01-I-Y	Anytime Energy (Res) BiDirectional - Info- Non Reference Tariff		1
DUOS	RT13-D-UF	C01-D-UF	Anytime Energy (Res) BiDirectional Service Fixed	DAY	1
TUOS	RT13-T-UF	C01-T-UF	Anytime Energy (Res) BiDirectional Service Fixed	DAY	1

	Network Tariff Component Code	Reference Service Component Code	Line Description	UOM	Step
DUOS	RT13-D-UV	C01-D-UV	Anytime Energy (Res) BiDirectional Service Variable	KWHE	1
TUOS	RT13-T-UV	C01-T-UV	Anytime Energy (Res) BiDirectional Service Variable	KWHE	1
DUOS	RT13-D-MF	C01-D-MF	Anytime Energy (Res) BiDirectional Service Metering Fixed	EA	1
DUOS	RT13-D-MV	C01-D-MV	Anytime Energy (Res) BiDirectional Service Metering Variable	KWHE	1
DUOS	RT13-D-I	C01-D-I	Anytime Energy (Res) BiDirectional Service Cap Con Credit		1
TUOS	RT13-T-I	C01-T-I	Anytime Energy (Res) BiDirectional Service Cap Con Credit		1
DUOS	RT14-I-G	C02-I-G	Anytime Energy (Bus) BiDirectional - Info- Group Count		1
DUOS	RT14-I-U	C02-I-U	Anytime Energy (Bus) BiDirectional - Info- Total Consumption	KWHE	1
DUOS	RT14-I-F	C02-I-F	Anytime Energy (Bus) BiDirectional - Info- Power Factor	PFE	1
DUOS	RT14-I-Y	C02-I-Y	Anytime Energy (Bus) BiDirectional - Info- Non Reference Tariff		1
DUOS	RT14-D-UF	C02-D-UF	Anytime Energy (Bus) BiDirectional Service Fixed	DAY	1
TUOS	RT14-T-UF	C02-T-UF	Anytime Energy (Bus) BiDirectional Service Fixed	DAY	1
DUOS	RT14-D-UV	C02-D-UV	Anytime Energy (Bus) BiDirectional Service Variable	KWHE	1
TUOS	RT14-T-UV	C02-T-UV	Anytime Energy (Bus) BiDirectional Service Variable	KWHE	1
DUOS	RT14-D-MF	C02-D-MF	Anytime Energy (Bus) BiDirectional Service Metering Fixed	EA	1
DUOS	RT14-D-MV	C02-D-MV	Anytime Energy (Bus) BiDirectional Service Metering Variable	KWHE	1
DUOS	RT14-D-I	C02-D-I	Anytime Energy (Bus) BiDirectional Service Cap Con Credit		1
TUOS	RT14-T-I	C02-T-I	Anytime Energy (Bus) BiDirectional Service Cap Con Credit		1
DUOS	RT15-I-G	C03-I-G	Time of Use Energy (Small) BiDirectional - Info- Group Count		1
DUOS	RT15-I-UO	C03-I-UO	Time of Use Energy (Small) BiDirectional - Info- Off Peak Consumption	KWHE	1
DUOS	RT15-I-UP	C03-I-UP	Time of Use Energy (Small) BiDirectional - Info- On Peak Consumption	KWHE	1
DUOS	RT15-I-F	C03-I-F	Time of Use Energy (Small) BiDirectional - Info- Power Factor	PFE	1
DUOS	RT15-I-Y	C03-I-Y	Time of Use Energy (Small) BiDirectional - Info- Non Reference Tariff		1
DUOS	RT15-D-UF	C03-D-UF	Time of Use Energy (Small) BiDirectional Service Fixed	DAY	1
TUOS	RT15-T-UF	C03-T-UF	Time of Use Energy (Small) BiDirectional Service Fixed	DAY	1
DUOS	RT15-D-UVP	C03-D-UVP	Time of Use Energy (Small) BiDirectional Service Variable On Peak	KWHE	1
TUOS	RT15-T-UVP	C03-T-UVP	Time of Use Energy (Small) BiDirectional Service Variable On Peak	KWHE	1
DUOS	RT15-D-UVO	C03-D-UVO	Time of Use Energy (Small) BiDirectional Service Variable Off Peak	KWHE	1
TUOS	RT15-T-UVO	C03-T-UVO	Time of Use Energy (Small) BiDirectional Service Variable Off Peak	KWHE	1
DUOS	RT15-D-MF	C03-D-MF	Time of Use Energy (Small) BiDirectional Service Metering Fixed	EA	1
DUOS	RT15-D-MVP	C03-D-MVP	Time of Use Energy (Small) BiDirectional Service Metering On Peak	KWHE	1
DUOS	RT15-D-MVO	C03-D-MVO	Time of Use Energy (Small) BiDirectional Service Metering Off Peak	KWHE	1
DUOS	RT15-D-I	C03-D-I	Time of Use Energy (Small) BiDirectional Service Cap Con Credit		1
TUOS	RT15-T-I	C03-T-I	Time of Use Energy (Small) BiDirectional Service Cap Con Credit		1
DUOS	RT16-I-G	C04-I-G	Time of Use Energy (Large) BiDirectional - Info- Group Count		1
DUOS	RT16-I-UO	C04-I-UO	Time of Use Energy (Large) BiDirectional - Info- Off Peak Consumption	KWHE	1
DUOS	RT16-I-UP	C04-I-UP	Time of Use Energy (Large) BiDirectional - Info- On Peak Consumption	KWHE	1
DUOS	RT16-I-F	C04-I-F	Time of Use Energy (Large) BiDirectional - Info- Power Factor	PFE	1
DUOS	RT16-I-Y	C04-I-Y	Time of Use Energy (Large) BiDirectional - Info- Non Reference Tariff		1
DUOS	RT16-D-UF	C04-D-UF	Time of Use Energy (Large) BiDirectional Service Fixed	DAY	1
TUOS	RT16-T-UF	C04-T-UF	Time of Use Energy (Large) BiDirectional Service Fixed	DAY	1
DUOS	RT16-D-UVP	C04-D-UVP	Time of Use Energy (Large) BiDirectional Service Variable On Peak	KWHE	1
TUOS	RT16-T-UVP	C04-T-UVP	Time of Use Energy (Large) BiDirectional Service Variable On Peak	KWHE	1
DUOS	RT16-D-UVO	C04-D-UVO	Time of Use Energy (Large) BiDirectional Service Variable Off Peak	KWHE	1
TUOS	RT16-T-UVO	C04-T-UVO	Time of Use Energy (Large) BiDirectional Service Variable Off Peak	KWHE	1
DUOS	RT16-D-MF	C04-D-MF	Time of Use Energy (Large) BiDirectional Service Metering Fixed	EA	1
DUOS	RT16-D-MVP	C04-D-MVP	Time of Use Energy (Large) BiDirectional Service Metering On Peak	KWHE	1
DUOS	RT16-D-MVO	C04-D-MVO	Time of Use Energy (Large) BiDirectional Service Metering Off Peak	KWHE	1
DUOS	RT16-D-I	C04-D-I	Time of Use Energy (Large) BiDirectional Service Cap Con Credit		1
TUOS	RT16-T-I	C04-T-I	Time of Use Energy (Large) BiDirectional Service Cap Con Credit		1

Appendix C – Non-Reference Tariff Fees[3]

Network Rate Code	Line Description	UOM	Non Reference Tariffs		
			Quantity	Rate	Charge Date
ACC-BILL	Access Contract Billing Fee	DAYS	Days in Billing Period	Monthly Rate*12/365(366)	Bill Date
ACC-MOD	Access Contract Modification Fee	EA	1 (only one modification allowed per billing period)	individual rate	Bill Date
NEW-ACC	New Standard Access Contract Fee	EA	1	individual rate	Bill Date
NEW-A1	New Connection Point Fee - A1 - Anytime Energy (Resid.)	EA	1	individual rate	Bill Date
NEW-A2	New Connection Point Fee - A2 - Anytime Energy (Business)	EA	1	individual rate	Bill Date
NEW-A3	New Connection Point Fee - A3 - Time Of Use Energy (Small)	EA	1	individual rate	Bill Date
NEW-A4	New Connection Point Fee - A4 - Time Of Use Energy (Large)	EA	1	individual rate	Bill Date
NEW-A5	New Connection Point Fee - A5 - High Voltage Metered Demand	EA	1	individual rate	Bill Date
NEW-A6	New Connection Point Fee - A6 - Low Voltage Metered Demand	EA	1	individual rate	Bill Date
NEW-A7	New Connection Point Fee - A7 - High Voltage CMD	EA	1	individual rate	Bill Date
NEW-A8	New Connection Point Fee - A8 - Low Voltage CMD	EA	1	individual rate	Bill Date
NEW-A9	New Connection Point Fee - A9 - Streetlighting	EA	1	individual rate	Bill Date
NEW-A10	New Connection Point Fee - A10 - Un-Metered Supplies	EA	1	individual rate	Bill Date
NEW-A11	New Connection Point Fee - A11 - Transmission Exit	EA	1	individual rate	Bill Date
NEW-B1	New Connection Point Fee - B1 - Distribution Entry	EA	1	individual rate	Bill Date
NEW-B2	New Connection Point Fee - B2 - Distribution Exit	EA	1	individual rate	Bill Date
NEW-C1	New Connection Point Fee - C1 - Anytime Energy (Residential)	EA	1	individual rate	Bill Date
NEW-C2	New Connection Point Fee - C2 - Anytime Energy (Business)	EA	1	individual rate	Bill Date
NEW-C3	New Connection Point Fee - C3 - Time Of Use Energy (Small)	EA	1	individual rate	Bill Date
NEW-C4	New Connection Point Fee - C4 - Time Of Use Energy (Large)	EA	1	individual rate	Bill Date

[3] WA B2B Process Specification - Network Billing - Appendix F, page 102.

Appendix D – Naming Convention Information for Tariff Component Codes[4]

Position 1-4	Position 5	Position 6	Position 7	Position 8	Position 9	Position 10
RT1 RT2 RT3 RT4 RT5 RT6 RT7 RT8 RT9 RT10 RT11 TRT11 TRT12 RT13 RT14 RT15 RT16	**-** *separator*	**D** *distribution* **I** *information* **T** *transmission*	**-** *separator*	**A** *administration* **B** *firm backup capacitiy* **C** *connection* **D** *demand (metered or Contracted)* **E** *excess network Usage* **F** *power factor* **G** *grouped* **I** *capital contribution credit* **L** *demand length* **M** *metering* **N** *contracted maximum demand/nameplate capacity* **O** *multiple points of Supply* **P** *Peak demand* **Q** *DSOC* **R** *common service* **S** *control system* **T** *asset* **U** *use of system/consumption* **V** *low voltage* **X** *user specific* **Y** *Non Reference Tariff* **Z** *zone subconnected*	**F** *fixed* **O** *off-peak* **P** *on-peak* **S** *same substation/shoulder* **V** *variable*	**C** *Customer funded* **G** *greater than 10Km* **L** *less than/equal to 10 Km* **O** *off-peak* **P** *on-peak* **S** shoulder **X** *discount*

All enquiries and feedback, concerning this notice, should be forwarded to: metering.systems.support@westernpower.com.au.

-------- END OF NOTICE --------

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[4] WA B2B Process Specification – Appendix G, page 103