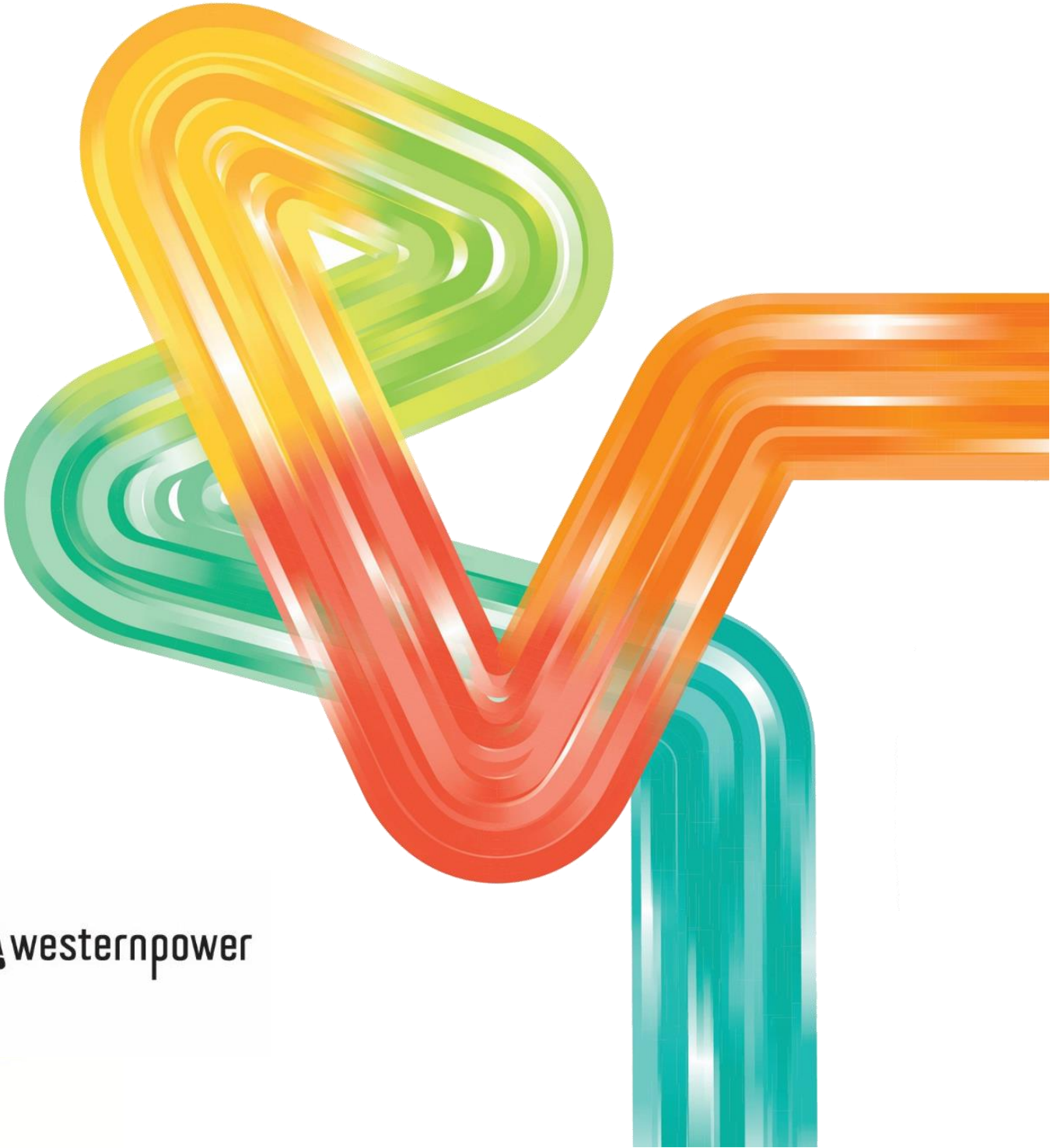


2024/25 Loss Factor Report

Public

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1. Introduction

This report details the loss factors calculated for the 2024/25 financial year as required by section 2.27 of the Market Rules.

To comply with the obligations under section 2.27 of the Market Rules Western Power has:

- Recalculated all transmission loss factors.
- Recalculated all average distribution loss factors.
- Recalculated all individual distribution loss factors for customers with a CMD greater than 7,000 kVA.
- Recalculated all individual distribution loss factors for customers with a CMD between 1,000 and 7,000 kVA located greater than 10 km from the electrically closest substation.
- Recalculated the individual distribution loss factors for customers with a CMD between 1,000 and 7,000 kVA located less than 10 km from the electrically closest substation, where an individual distribution loss factor has been elected by the associated retailer.
- Recalculated all individual distribution loss factors for distribution connected generation customers.

2. Basis for Calculation

Western Power calculates loss factors in accordance with the Market Procedure for Determining Loss Factors (the Market Procedure). The following sections provide further detail on the methodology used by Western Power in calculating loss factors.

2.1 Transmission loss factors

Western Power has calculated the transmission loss factors in accordance with section 4.1 of the Market Procedure using the software package T-price.

2.2 Average distribution loss factors

The methodology calculates the average distribution loss factors by:

- Determining losses within the zone substation transformers.
- Determining HV feeder losses.
- Determining distribution transformer losses.
- Determining LV feeder losses (allowing separately for residential and commercial losses).
- Western Power allocates the average distribution losses based on the usage of the various components of the network. An appropriate basis for this allocation is the reference services (offered in Western Power's access arrangement) and in accordance with the Market Procedure Western Power has determined an average loss factor for relevant reference services.

2.3 Individual distribution loss factors

Western Power calculates the individual distribution loss factors in accordance with section 4.2 of the Market Procedure.

The methodology used to calculate the individual distribution loss factors uses the formulae and methodology detailed in Schedule 4 of the Electricity Distribution Regulations 1997.¹ Schedule 4 of the Electricity Distribution Regulations 1997 is reproduced below:

1. To calculate the loss factor for a distribution connection which is an exit point a corporation must follow the following steps:
 - (a) the corporation must determine the line losses assuming the distribution connection was not there and assuming feeder maximum load;
 - (b) the corporation must determine the line losses assuming only the distribution connection was there and assuming feeder maximum load;
 - (c) the corporation must determine the total line losses assuming all the distribution connections are there (including the distribution connection for which the loss factor is being determined) and assuming feeder maximum load;

¹ For sites supplied from multiple feeders the distribution loss factor has been determined as if the load is evenly split across the feeders. The resultant distribution loss factor is the average of the calculated distribution loss factors.

- (d) the corporation must allocate a share of the total line losses calculated under step (c) to the distribution connection for which the loss factor is being determined based on the ratio of the result of step (b) and the sum of the results of steps (a) and (b);
- (e) the corporation must calculate the loss factor for the distribution connection by applying the following formula:

$$LF_{Exit} = 1 + \frac{A}{B}$$

where —

- A (in kW) is the share of the total line losses allocated to the distribution connection under step (d);
- B (in kW) is the contract maximum demand for the distribution connection.

2. To calculate the loss factor for a distribution connection which is an entry point a corporation must follow the following steps:

- (a) the corporation must determine the line losses assuming the distribution connection was not there and assuming feeder maximum load;
- (b) the corporation must determine the total line losses assuming all the distribution connections are there (including the distribution connection for which the loss factor is being determined) and assuming feeder maximum load;
- (c) the corporation must calculate the loss decrease or increase for the distribution connection for which the loss factor is being determined by subtracting the result of step (b) from the result of step (a);
- (d) the corporation must calculate the loss factor for the distribution connection by applying the following formula:

$$LF_{Entry} = 1 + \frac{A}{B}$$

where —

- A (in kW) is the loss increase or decrease calculated for the distribution connection under step (c);
- B (in kW) is the declared sent-out capacity for the distribution connection.

3. Applicable Reference Services

The Market Procedure requires Western Power to define a subset of reference services as ‘Applicable Reference Services’. The following table details the reference services that will be allocated to ‘applicable reference services’ from 1 July 2024.

Table 3.1: Applicable Reference Services

AA4 Reference services that are ‘Applicable Reference Services’
A1 – Anytime Energy (Residential) Exit Service
A2 – Anytime Energy (Business) Exit Service
A3 – Time of Use Energy (Residential) Exit Service
A4 – Time of Use Energy (Business) Exit Service
A5 – High Voltage Metered Demand Exit Service
C5 – High Voltage Metered Demand Bi-directional Service
A6 – Low Voltage Metered Demand Exit Service
C6 – Low Voltage Metered Demand Bi-directional Service
C1 – Anytime Energy (Residential) Bi-directional Service
C2 – Anytime Energy (Business) Bi-directional Service
C3 – Time of Use (Residential) Bi-directional Service
C4 – Time of Use (Business) Bi-directional Service
A12 – 3 Part Time of Use Energy (Residential) Exit Service
C9 – 3 Part Time of Use Energy (Residential) Bi-directional Service
A13 – 3 Part Time of Use Energy (Business) Exit Service
C10 – 3 Part Time of Use Energy (Business) Bi-directional Service
A14 – 3 Part Time of Use Demand (Residential) Exit Service
C11 – 3 Part Time of Use Demand (Residential) Bi-directional Service
A15 – 3 Part Time of Use Demand (Business) Exit Service
C12 – 3 Part Time of Use Demand (Business) Bi-directional Service
A16 – Multi Part Time of Use Energy (Residential) Exit Service
C13 – Multi Part Time of Use Energy (Residential) Bi-directional Service
A17 – Multi Part Time of Use Energy (Business) Exit Service
C14 – Multi Part Time of Use Energy (Business) Bi-directional Service
A19 – Super Off-peak Energy (Business) Exit Service
C17 – Super Off-peak Energy (Business) Bi-directional Service
A18 – Super Off-peak Energy (Residential) Exit Service
C16 – Super Off-peak Energy (Residential) Exit Service

A21 – Super Off-peak Demand (Business) Exit Service
C19 – Super Off-peak Demand (Business) Bi-directional Service
A20 – Super Off-peak Demand (Residential) Exit Service
C18 – Super Off-peak Demand (Residential) Bi-directional Service
C23 – LV Distribution Storage Bidirectional Service
C24 – HV Distribution Storage Bidirectional Service
A22 – Low Voltage Electric Vehicle Charging Exit Service
C20 – Low Voltage Electric Vehicle Charging Bi-directional Service
A23 – High Voltage Electric Vehicle Charging Exit Service
C21 – High Voltage Electric Vehicle Charging Bi-directional Service

4. Transmission Loss Factors

Western Power has calculated the following transmission loss factors for the 2024/25 financial year.

Table 4.1 - Transmission Loss Factors

TLF Code	Description	Applied in 2023/24	To apply in 2024/25
TAPA	Alcoa Pinjarra (Alcoa)	0.9636	0.9891
TAPL	Alcoa Pinjarra (Alinta)	0.9742	0.9814
TBLB	Bluewaters	0.9753	0.9798
TBLS	Boulder (SCE)	1.1490	1.2138
TKRA	Karara Three Springs	0.9923	0.9963
TLWA	Landwehr (Alinta)	0.9812	0.9826
TMBA	Mumbida Wind Farm	0.9121	0.9165
TMDP	Merredin Power Station	0.9300	0.9498
TMGS	Greenough River Solar Farm	0.9313	0.9293
TOLA	Oakley (Alinta)	0.9911	0.9909
TSAV	Transmission SWIN Average	1.0075	1.0196
TUAV	Transmission Urban Average	1.0107	1.0146
TWKG	West Kalgoorlie GTs	1.0085	0.9916
TWOJ	Worsley (Joint Venture)	0.9579	0.9879
TWOW	Worsley (Worsley)	0.9595	0.9894
WAFM	Australian Fused Materials	0.9970	1.0044
WAKW	Kwinana Alcoa	0.9962	1.0011
WALB	Albany	1.0433	1.0500
WAMT	Amherst	1.0115	1.0149
WAPM	Australian Paper Mills	1.0144	1.0189
WARK	Arkana	1.0096	1.0117
WBCH	Beechboro	1.0103	1.0133
WBCT	Balcatta	1.0103	1.0123
WBDE	Baandee	1.0428	1.0745
WBDP	Binningup Desalination Plant	0.9953	0.9948
WBEC	Beckenham	1.0038	1.0037
WBEL	Belmont	1.0070	1.0080
WBGM	Boddington Gold Mine	0.9910	0.9939

TLF Code	Description	Applied in 2023/24	To apply in 2024/25
WBHK	Broken Hill Kwinana	0.9985	1.0032
WBIB	Bibra Lake	1.0066	1.0103
WBKF	Black Flag	1.1739	1.2329
WBLD	Boulder	1.1591	1.2212
WBNP	Beenup	1.0146	1.0225
WBNY	Bounty	1.0640	1.0892
WBOD	Boddington	0.9879	0.9900
WBPM	British Petroleum	0.9933	1.0025
WBSI	Marriott Road Barrack Silicon Smelter	0.9963	0.9961
WBSN	Busselton	1.0281	1.0295
WBTN	Bridgetown	0.9997	1.0088
WBTY	Bentley	1.0091	1.0100
WBUH	Bunbury Harbour	0.9918	1.0021
WBWF	Badgingarra Wind Farm	0.9415	0.9496
WBYF	Byford	1.0067	1.0110
WCAP	Capel	1.0231	1.0295
WCAR	Carrabin	1.0883	1.1192
WCBP	Mason Road CSBP	0.9993	1.0059
WCBS	Collie BESS 1	0.9698	0.9719
WCCL	Cockburn Cement Ltd	1.0015	1.0039
WCCT	Cockburn Cement	1.0019	1.0050
WCGW	Collgar Windfarm	0.9687	0.9956
WCKN	Clarkson	1.0045	1.0085
WCKT	Cook Street	1.0141	1.0154
WCLN	Clarence Street	1.0114	1.0125
WCOE	Collie	0.9940	1.0014
WCOL	Collier	1.0119	1.0135
WCPN	Chapman	0.9748	0.9855
WCPS	Collie PWS	0.9698	0.9719
WCSF	Cunderdin Solar Farm	0.9958	1.0298
WCTB	Cataby	0.9804	0.9851

TLF Code	Description	Applied in 2023/24	To apply in 2024/25
WCTE	Cottesloe	1.0136	1.0166
WCUN	Cunderdin	1.0656	1.0773
WCVE	Canning Vale	1.0042	1.0052
WDTN	Darlington	1.0119	1.0141
WDUR	Durlacher	0.9695	0.9742
WEDD	Edmund Street	1.0122	1.0154
WEDG	Edgewater	1.0089	1.0098
WEMD	Emu Downs	0.9529	0.9606
WENB	Eneabba	0.9925	0.9986
WERF	East Rockingham RRF	0.9977	1.0028
WFFD	Forrestfield	1.0106	1.0119
WFRW	Flat Rocks Wind Farm	1.0098	1.0179
WGGV	Golden Grove	1.0167	1.0223
WGNI	Glen Iris	1.0002	1.0003
WGNL	Gosnells	1.0050	1.0075
WGNN	Newgen Neerabup	0.9994	1.0049
WGTN	Geraldton	0.9695	0.9742
WHAY	Hay Street	1.0138	1.0151
WHBK	Henley Brook	1.0097	1.0160
WHFS	Hadfields	1.0111	1.0129
WHZM	Hazelmere	1.0066	1.0077
WJDP	Joondalup	1.0071	1.0096
WJTE	Joel Terrace	1.0134	1.0152
WKAT	Katanning	1.0369	1.0454
WKBS	Kwinana Battery Energy Storage System	0.9918	0.9983
WKDA	Kalamunda	1.0126	1.0151
WKDL	Kewdale	1.0063	1.0071
WKDN	Kondinin	1.0183	1.0409
WKDP	Kwinana Desalination Plant	0.9961	1.0013
WKEL	Kellerberrin	1.0521	1.0900
WKEM	Kemerton PWS	0.9829	0.9840

TLF Code	Description	Applied in 2023/24	To apply in 2024/25
WKMC	Cataby Kerr McGee	0.9813	0.9903
WKMK	Kerr McGee Kwinana	0.9952	1.0000
WKMM	Muchea Kerr McGee	1.0005	1.0023
WKND	Kwinana Donaldson Road (Western Energy)	0.9952	1.0004
WKOJ	Kojonup	1.0098	1.0179
WKPS	Kwinana PWS	0.9918	0.9984
WKRK	King Rocks Wind Farm	1.0183	1.0409
WKWW	Kwinana Waste to Energy	0.9952	1.0004
WLDE	Landsdale	1.0100	1.0142
WMAG	Manning Street	1.0120	1.0145
WMBR	Mt Barker	1.0476	1.0545
WMCR	Medical Centre	1.0174	1.0197
WMDN	Maddington	1.0046	1.0063
WMDY	Munday	1.0104	1.0111
WMED	Medina	1.0015	1.0068
WMER	Merredin	1.0337	1.0641
WMGA	Mungarra GTs	0.9143	0.9128
WMHA	Mandurah	1.0000	1.0132
WMIL	Milligan Street	1.0102	1.0116
WMJP	Manjimup	1.0047	1.0122
WMJX	Midland Junction	1.0068	1.0081
WMLG	Malaga	1.0077	1.0091
WMOR	Moora	1.0020	1.0065
WMOY	Morley	1.0114	1.0137
WMPS	Muja PWS	0.9742	0.9804
WMRR	Marriot Road	0.9938	0.9932
WMRV	Margaret River	1.0611	1.0599
WMSF	Merredin Solar Farm	0.9958	1.0298
WMSR	Mason Road	0.9977	1.0028
WMSS	Meadow Springs	1.0003	1.0132
WMUC	Muchea	1.0008	1.0041

TLF Code	Description	Applied in 2023/24	To apply in 2024/25
WMUL	Mullaloo	1.0092	1.0120
WMUR	Murdoch	1.0037	1.0039
WMYR	Myaree	1.0185	1.0230
WNBH	North Beach	1.0116	1.0143
WNGK	NewGen Kwinana	0.9979	0.9981
WNGN	Narrogin	1.0050	1.0190
WNOR	Northam	1.0333	1.0409
WNOW	Nowgerup	1.0026	1.0044
WNPB	North Perth	1.0145	1.0166
WOCN	O'Connor	1.0173	1.0214
WOPK	Osborne Park	1.0108	1.0124
WPBY	Padbury	1.0114	1.0151
WPCY	Piccadilly	1.1581	1.2195
WPIC	Picton	0.9928	1.0038
WPJR	Pinjar	0.9952	0.9982
WPKS	Parkeston	1.1453	1.2144
WPLD	Parklands	0.9972	1.0063
WPNJ	Pinjarra	0.9904	1.0028
WRAN	Rangeway	0.9701	0.9750
WRGN	Regans	0.9889	0.9935
WROH	Rockingham	1.0021	1.0078
WRTN	Riverton	1.0049	1.0058
WRVE	Rivervale	1.0071	1.0082
WSFT	South Fremantle	1.0190	1.0233
WSNR	Southern River	1.0046	1.0087
WSNX	Southern Cross	1.0768	1.1143
WSPK	Shenton Park	1.0140	1.0167
WSRD	Sutherland	1.0150	1.0159
WSUM	Summer St	1.0138	1.0149
WSVY	Sawyers Valley	1.0169	1.0197
WTAL	Talison Lithium	0.9997	1.0029

TLF Code	Description	Applied in 2023/24	To apply in 2024/25
WTLA	Tianqi Lithium	0.9980	1.0037
WTSG	Three Springs	0.9831	0.9773
WTTS	Tate Street	1.0100	1.0065
WWAG	Wagin	1.0421	1.0509
WWAI	Waikiki	1.0044	1.0129
WWCL	Western Collieries	0.9712	0.9838
WWDN	Wembley Downs	1.0176	1.0212
WWDW	Warradarge Wind Farm	0.9731	0.9775
WWEL	Welshpool	1.0060	1.0069
WWGA	Wangara	1.0095	1.0125
WWGP	Wagerup	0.9644	0.9871
WWKT	West Kalgoorlie	1.1529	1.2091
WWLN	Willetton	1.0033	1.0043
WWMG	Western Mining	1.0015	1.0040
WWNO	Wanneroo	1.0031	1.0062
WWSD	Westralian Sands	1.0204	1.0298
WWUN	Wundowie	1.0381	1.0444
WWWF	Walkaway Windfarm	0.8940	0.9021
WYCP	Yanchep	1.0030	1.0072
WYDW	Yandin Wind Farm	0.9801	0.9839
WYER	Yerbillon	1.0832	1.1149
WYKE	Yokine	1.0110	1.0142
WYLN	Yilgarn	1.0689	1.1081

5. Average Distribution Loss Factors

Western Power has calculated the following average distribution loss factors (DLF) for the 2024/25 financial year based on the Market Procedure:

Table 5.1 - Average Distribution Loss Factors

Customer Segment	Applicable Reference Services	DLF Code	Applied in 2023/24	To apply in 2024/25
Residential	A1 - Anytime Energy (Residential)	QRT1	1.0797	1.0660
	A3 - Time of Use Energy (Residential)			
	C1 – Anytime Energy (Residential) Bi-directional			
	C3 – Time of Use Energy (Residential) Bi-directional			
	A12 - 3 Part Time of Use Energy (Residential)			
	A14 - 3 Part Time of Use Demand (Residential)			
	A16 - Multi Use Part Time of Use Energy (Residential)			
	C9 - 3 Part Time of Use Energy (Residential) Bi-Directional			
	C11 - 3 Part Time of Use Demand (Residential) Bi-Directional			
	C13 - Multi Use Part Time of Use Energy (Residential) Bi-Directional			
	A18 – Super Off-peak Energy (Residential) Exit Service			
	C16 – Super Off-peak Energy (Residential) Exit Service			
	A20 – Super Off-peak Demand (Residential) Exit Service			
	C18 – Super Off-peak Demand (Residential) Bi-directional Service			
Small Business	A2 - Anytime Energy (Business)	QRT2	1.0496	1.0454
	A4 - Time of Use Energy (Business)			
	C2 – Anytime Energy (Business) Bi-directional			
	C4 – Time of Use Energy (Business) Bi-directional			
	A13 - 3 Part Time of Use Energy (Business)			
	A15 - 3 Part Time of Use Demand (Business)			
	A17 - Multi Use Part Time of Use Energy (Business)			
	C10 - 3 Part Time of Use Energy (Business) Bi-directional			
	C12 - 3 Part Time of Use Demand (Business) Bi-directional			
	C14 - Multi Use Part Time of Use Energy (Business) Bi-directional			
	A19 – Super Off-peak Energy (Business) Exit Service			

Customer Segment	Applicable Reference Services	DLF Code	Applied in 2023/24	To apply in 2024/25
	C17 – Super Off-peak Energy (Business) Bi-directional Service			
	A21 – Super Off-peak Demand (Business) Exit Service			
	C19 – Super Off-peak Demand (Business) Bi-directional Service			
Medium Business High Voltage	A5 - High Voltage Metered Demand	QRT5	1.0180	1.0173
	C5 - High Voltage Metered Demand Bi-Directional			
	A23 – High Voltage Electric Vehicle Charging Exit Service			
	C21 – High Voltage Electric Vehicle Charging Bi-directional Service			
	C24 – HV Distribution Storage Bidirectional Service			
Medium Business Low Voltage	A6 - Low Voltage Metered Demand	QRT6	1.0401	1.0394
	C6 - Low Voltage Metered Demand Bi-Directional			
	A22 – Low Voltage Electric Vehicle Charging Exit Service			
	C20 – Low Voltage Electric Vehicle Charging Bi-directional Service			
	C23 – LV Distribution Storage Bidirectional Service			
Zone Substation Connected	A7 - High Voltage Contract Maximum Demand (Zone Substation Connected)	QZSC	1.0055	1.0055
	Zone Substation Connections			
Transmission Connected (No DLF)		QNLF	1.0000	1.000
Notional Wholesale Meter		QNWM	1.0828	1.0723
Distribution System Wide Average Loss Factor		QAVG	1.0586	1.0520

6. Individual Distribution Loss Factors

Western Power has calculated the following individual distribution loss factors for the 2024/25 financial year.

Table 6.1 - Individual Distribution Loss Factors

DLF Code	Description	Applied in 2023/24	To apply in 2024/25
QAAL	AIR LIQUIDE AUSTRALIA LIMITED	1.0085	1.0108
QAHU	Oahu Management ATF Oahu Property Trust	1.0257	1.0183
QALL	MARBL Lithium Operations Pty Ltd	1.0083	1.0127
QALM	ALBEMARLE LITHIUM PTY LTD	1.0057	1.0057
QALP	ALBEMARLE LITHIUM PTY LTD	1.0057	1.0057
QAMP	Centuria Property Services Pty Limited	1.0094	1.0081
QANF	Anderson Wind Farm	1.0152	1.0213
QAPE	ALBANY PLANTATION EXPORT CO PTY LTD	1.0244	1.0135
QAPI	Australasian Property Investments Ltd t/as Floreat Forum Syndicate UT	1.0157	1.0138
QARG	Paddington Gold Mine	1.0179	1.0156
QASA	Alloy Steel Australia (Int) Pty Ltd		1.0099
QAWF	ALBANY WIND FARM	0.9736	0.9699
QBAS	BASF Australia Ltd BASF Australia Pty Ltd		1.2014
QBBW	BREMER BAY WIND FARM	1.3123	1.3067
QBCB	Bunbury Centrepoint Shopping Centre Investment Trust	1.0091	1.0084
QBFB	Blair Fox Pty Ltd	1.0040	1.0039
QBFO	Brookfield Commercial Operations Pty Ltd		1.0107
QBFB	Belmont Forum and Belmont Village		1.0159
QBFW	BUNBURY FORUM WA PTY LTD ATF		1.0069
QBGM	BGM MANAGEMENT COMPANY PTY LTD	1.0309	1.0243
QBGP	BGC (AUSTRALIA) PTY LTD	1.0062	1.0062
QBQ	BGC (AUSTRALIA) PTY LTD	1.0729	1.0714
QBKR	BRADKEN RESOURCES PTY LTD	1.0089	1.0089
QBMA	BARTO GOLD MINING PTY LTD	1.0896	1.0931
QBNB	BGC (AUSTRALIA) PTY LTD	1.0166	1.0166
QBOC	BOC Limited	1.0068	1.0065
QBPA	Southern Ports Authority	1.0082	1.0079

DLF Code	Description	Applied in 2023/24	To apply in 2024/25
QBRR	BRADKEN RESOURCES PTY LTD	1.0103	1.0109
QBTF	Investa Nominees (2) Pty Ltd and Commonwealth Superannuation Corporation	1.0058	1.0059
QBUL	CO OPERATIVE BULK HANDLING LTD	1.0365	1.0366
QBUR	Burswood Nominees Limited as Trustee for the Burswood Property Trust	1.0076	1.0082
QBUS	Burswood Nominees Limited as Trustee for the Burswood Property Trust	1.0071	1.0079
QBWE	Brookfield Commercial Operations Pty Ltd		1.0098
QCAS	Castelli nominees pty ltd	1.0250	1.0185
QCBC	COCKBURN CEMENT LIMITED	1.1292	1.1298
QCBH	CO OPERATIVE BULK HANDLING LTD	1.0721	1.0718
QCBK	CO OPERATIVE BULK HANDLING LTD		1.0070
QCEB	IKEA Pty Ltd	1.0100	1.0096
QCEM	COCKBURN CEMENT LIMITED	1.0078	1.0055
QCHH	CHARTER HALL HOLDINGS PTY. LIMITED	1.0099	1.0110
QCHS	WA Country Health Service	1.0290	1.0324
QCMA	Tronox Mining Australia Limited	1.0242	1.0437
QCPC	CALARDU PERTH CITY WEST PTY LTD & GERALD	1.0095	1.0085
QCPU	CBUS PROPERTY 140 WILLIAM STREET PTY LTD	1.0078	1.0083
QCPY	CSIRO - Pawsey Centre		1.0108
QCSK	CSIRO KENSINGTON	1.0146	1.0146
QCSW	Tronox Mining Australia Limited	1.0101	1.0105
QCTE	A RICHARDS PTY LTD	1.0094	1.0157
QCUR	Curtin University	1.0063	1.0063
QCUT	MushroomExchange Pty Ltd	1.0087	1.0088
QCVL	Covalent Lithium		1.0104
QDAG	DOD - ADSCS GERALDTON	1.0656	1.0546
QDCS	Casuarina Prison	1.0089	1.0089
QDER	DEPT OF ENVIRONMENT REGULATION	1.0213	1.0184
QDFM	Dexus Property Services Pty Limited	1.0088	1.0083
QDMC	David Moss Corporation Pty Ltd		1.0204
QDOD	DOD - HMAS STIRLING 1	1.0306	1.0078
QDOF	Department of Finance		1.0189

DLF Code	Description	Applied in 2023/24	To apply in 2024/25
QDOJ	DOCS - HAKEA PRISON		1.0094
QDVC	DAVID JONES PTY LTD	1.0091	1.0095
QDWF	DENMARK COMMUNITY WINDFARM LTD	1.2004	1.1905
QEAP	Equinix Australia Pty Limited Equinix Australia Pty Ltd - Shenton Park	1.0095	1.0092
QEMM	EKJV MANAGEMENT PTY LTD	1.0334	1.0825
QEMO	Edna May Operations Pty Ltd Edna May Gold Mine	1.0762	1.0733
QEPF	Enviro Pipes Pty Ltd	1.0102	1.0115
QEPH	Enviro Pipes Pty Ltd	1.0056	1.0056
QESC	Vicinity Centres PM Pty Ltd	1.0085	1.0096
QFER	FAR EAST RIVERSIDE (PERTH) PTY LTD	1.0089	1.0083
QFFM	WESTERN AREAS LTD	1.1040	1.1031
QFIE	The Trustee for FLETCHER UNIT TRUST	1.0984	1.0895
QFLM	Evolution Mining (Mungari) Pty Ltd	1.0451	1.0202
QFMR	FMR INVESTMENTS PTY LTD	1.0056	1.0056
QFRO	Fero Group Pty Ltd	1.0125	1.0141
QFUJ	Fujitsu Australia Limited	1.0057	1.0056
QFUR	FURMANITE AUSTRALIA PTY LTD	1.0298	1.0271
QGDI	GDI No.44 Pty Ltd AFT GDI No.44 Trust	1.0081	1.0081
QGES	Perron Investments Pty Ltd & APF Management Pty Ltd (Central Park)		1.0089
QGGP	GMA Garnet Pty Ltd	1.1187	1.1803
QGLG	DEPT OF LOCAL GOVT SPORT & CULTURAL	1.0060	1.0138
QGRA	Grand Hotel Management Pty Ltd	1.0099	1.0108
QGRI	The Griffin Coal Mining Company Pty Ltd	1.0500	1.0502
QGTS	Vicinity Centres PM Pty Ltd Maddington Central	1.0116	1.0116
QGWH	George Weston Foods Limited - Hope Valley		1.0124
QGWN	George Weston Foods Limited - Northam		1.0141
QHAP	Hanson Australia Pty Ltd	1.0163	1.0115
QHEL	Healthscope Operations Pty Ltd		1.0194
QHFM	Lactalis Australia Pty Ltd	1.0434	1.0456
QHGM	BARTO GOLD MINING PTY LTD	1.0272	1.0273
QHHC	Vicinity Centres PM Pty Ltd Halls Head Central	1.0065	1.0065

DLF Code	Description	Applied in 2023/24	To apply in 2024/25
QHLG	WASTE GAS RESOURCES PTY LTD	1.0042	1.0066
QHMP	FMR INVESTMENTS PTY LTD	1.0705	1.0695
QHPH	Hollywood Private Hospital	1.0065	1.0078
QHPL	Hanson Australia Pty Ltd	1.0140	1.0115
QHVI	HARVEY INDUSTRIES GROUP PTY LTD	1.0813	1.0818
QIAP	Doral Mineral Sands Pty Ltd	1.0269	1.0587
QIEW	INGHAMS ENTERPRISES PTY LTD	1.0088	1.0108
QIRL	ILUKA RESOURCES LTD	1.0235	1.0225
QIRN	Image Resources NL	1.0865	1.0623
QISH	ISPT PTY LTD	1.0134	1.0097
QISM	ISPT Pty Ltd	1.0076	1.0073
QISP	ISPT PTY LTD	1.0063	1.0073
QISU	ISPT PTY LTD	1.0088	1.0067
QJHP	Joondalup Hospital Pty Limited	1.0068	1.0073
QJOE	BOORTMALT ASIA PACIFIC PTY LTD	1.0094	1.0102
QKBG	NORTHERN STAR (KANOWNA) LIMITED	1.1357	1.1277
QKEM	KEMERTON SILICA SAND PTY LTD	1.0136	1.0136
QKEY	Iwatani Australia Pty Ltd	1.0241	1.0177
QKUD	Evolution Mining (Mungari) Pty Ltd	1.0073	1.0371
QKWF	VERVE ENERGY	1.1173	1.1270
QLES	Lendlease Property Management (Australia) Pty Ltd	1.0109	1.0113
QLGA	LANDFILL GAS & POWER PTY LTD	1.0211	1.0211
QLGC	LANDFILL GAS & POWER PTY LTD	1.0156	1.0265
QLGD	LANDFILL GAS & POWER PTY LTD	1.0054	1.0256
QLGE	Legion Energy Pty Ltd as the trustee	1.0079	1.0070
QLHT	Hawaiian Investments Pty Ltd c/- Hawaiian Pty Ltd	1.0092	1.0089
QLJS	Lendlease Property Management (Australia) Pty Ltd	1.0095	1.0071
QLMR	Evolution Mining (Mungari) Pty Ltd	1.0711	1.0709
QLPG	FAR EAST HARBOUR TOWN PTY LTD	1.0124	1.0128
QLSP	Centuria Property Services Pty Limited	1.0111	1.0182
QMBW	Mt Barker Power Company	1.0572	1.0572

DLF Code	Description	Applied in 2023/24	To apply in 2024/25
QMFA	Macco Feeds Australia Macco Feeds	1.0397	1.0500
QMHS	South Metropolitan Health Service		1.0059
QMIC	Tronox Pigment Bunbury Ltd	1.0061	1.0061
QMID	BGC (AUSTRALIA) PTY LTD	1.0142	1.0151
QMIE	BGC (AUSTRALIA) PTY LTD	1.0168	1.0167
QMIL	MILNE AGRIGROUP PTY LTD	1.0129	1.0100
QMIR	Centuria Property Services Pty Limited	1.0061	1.0062
QMPM	Metro Power Company Pty Ltd	1.0421	1.0111
QMRL	Mineral Resources (Equipment) Pty Ltd		1.1167
QMRY	Murdoch University	1.0088	1.0084
QNDC	NEXTDC Limited	1.0100	1.0138
QNEW	NEWMONT POWER PTY LTD	1.0854	1.0603
QNGF	Norton Gold Fields Pty Ltd	1.0153	1.0084
QNHP	Narrogin Hay Pty Ltd	1.0253	1.0269
QNXD	NextDC Limited	1.0078	1.0076
QOFI	Optus Administration Pty Ltd		1.0103
QPAG	Norton Gold Fields Pty Ltd	1.0938	1.0704
QPAN	The Trustee for Success Venture WA Unit Trust	1.0119	1.0082
QPEA	LMS Energy Pty Ltd	1.0038	1.0012
QPEB	LMS Energy Pty Ltd	1.0087	1.0002
QPER	Centuria Property Services Pty Limited	1.0155	1.0103
QPPF	Patmore Feeds Pty Ltd		1.1136
QPNK	POSEIDON NICKEL LIMITED	1.0056	1.0057
QPTA	Public Transport Authority of Western Australia	1.0128	1.0126
QPTB	Public Transport Authority of Western Australia		1.0058
QPTD	Public Transport Authority of Western Australia	1.0068	1.0055
QPTE	Public Transport Authority of Western Australia		1.0058
QPWQ	Centuria Property Services Pty Limited	1.0078	1.0084
QQOA	Quaker Oats Australia Pty Ltd	1.0068	1.0064
QRCS	Vicinity Centres PM Pty Ltd	1.0101	1.0071
QRPH	East Metropolitan Health Service	1.0108	1.0108

DLF Code	Description	Applied in 2023/24	To apply in 2024/25
QRRRA	DOD - RAAF PEARCE	1.0758	1.0766
QSAP	W A SPECIALTY ALLOYS PTY LTD	1.0068	1.0067
QSER	SERCO AUSTRALIA PTY LIMITED	1.0664	1.0635
QSGJ	ST JOHN OF GOD HEALTH CARE MIDLAND	1.0124	1.0103
QSIT	MINDARIE REGIONAL COUNCIL	1.0143	1.0165
QSJG	St John Of God Health Care Inc	1.0168	1.0157
QSJM	ST JOHN OF GOD HEALTH CARE INCORPORATED	1.0056	1.0078
QSJO	St John Of God Health Care Inc	1.0140	1.0114
QSMH	South Metropolitan Health Service	1.0056	1.0107
QSMP	ST MARTINS PROPERTIES AUSTRALIA	1.0068	1.0088
QSMR	Southern Metropolitan Regional Council	1.0056	1.0056
QSPB	Hawaiian Pty Ltd	1.0101	1.0072
QSPO	Downer EDI Services Pty Ltd	1.0072	1.0104
QSPP	BOOKITJA PTY LTD & IBA NORTHAM SOLAR PTY LTD & NORTHAM SOLAR FARM A PTY LTD	0.9921	0.9933
QSPS	Stockland Property Management Pty Ltd	1.0077	1.0077
QSPT	ENSIGN SERVICES (AUST.) PTY. LTD	1.0078	1.0079
QSPW	Stockland Property Management Pty Ltd	1.0119	1.0120
QTAL	Talison Lithium Australia Pty Ltd	1.0672	1.0723
QTCG	TESLA GERALDTON PTY LTD	1.0063	1.0100
QTCK	TESLA KEMERTON PTY LTD	1.0041	1.0059
QTCN	TESLA NORTHAM PTY LTD	0.9823	0.9036
QTES	Tesla Corporation Management Pty Ltd	1.0093	1.0049
QTIF	Legion Energy Pty Ltd as the trustee	1.0120	1.0120
QTMA	Tronox Pigment Bunbury Ltd	1.0055	1.0055
QTMH	FOCUS OPERATIONS PTY LTD		1.1094
QTSS	Thornlie Square Shopping Centre Pty Ltd Thornlie Square Shopping Centre NMI-8001003492	1.0152	1.0091
QVCO	VERVE ENERGY		1.0175
QVIC	Vicinity Centres PM Pty Ltd Mandurah Forum	1.0092	1.0091
QVML	VEEM Ltd Veem Ltd NMI-8001000101		1.0136
QWAC	Perth Airport Pty Ltd	1.0093	1.0131

DLF Code	Description	Applied in 2023/24	To apply in 2024/25
QWAN	WESTERN AREAS LTD	1.0886	1.0883
QWAS	Western Australian Sports Centre Trust		1.0076
QWBE	Wesbeam Pty Ltd	1.0125	1.0166
QWCB	WATER CORPORATION	1.0090	1.0090
QWCC	Western Australian Cricket Association Limited		1.0164
QWCE	WATER CORPORATION	1.0063	1.0063
QWCG	WATER CORPORATION	1.0368	1.0368
QWCI	WATER CORPORATION	1.0139	1.0136
QWCK	WATER CORPORATION	1.0091	1.0064
QWCL	WATER CORPORATION	1.0093	1.0095
QWCM	WATER CORPORATION	1.0131	1.0131
QWCO	WATER CORPORATION	1.0390	1.0392
QWCP	WATER CORPORATION	1.0153	1.0151
QWCQ	WATER CORPORATION	1.0091	1.0107
QWCR	WATER CORPORATION	1.0146	1.0140
QWCT	WATER CORPORATION	1.0142	1.0142
QWCW	WATER CORPORATION	1.0336	1.0333
QWCX	WATER CORPORATION	1.0080	1.0088
QWCY	Water Corporation	1.0140	1.0130
QWCZ	Water Corporation	1.0082	1.0084
QWDB	WATER CORPORATION	1.0105	1.0105
QWDF	WATER CORPORATION		1.0284
QWFL	WLPG Pty Ltd	1.0085	1.0055
QWGS	Vicinity Centres PM Pty Ltd Galleria site 2	1.0122	1.0123
QWHF	West Hills Farm P/L	1.0578	1.0817
QWLD	Main Camp WA Pty Ltd	1.3682	1.3821
QWMD	Fletcher Building (Australia) Pty Ltd	1.0468	1.0619
QWPP	Moora Energy Pty Ltd	1.0630	1.0759
QWSI	Vicinity Centres PM Pty Ltd Dianella Plaza		1.0248

7. Explanation for Changes in Loss Factors

In accordance with clause 2.21(b)ii of the Market Procedure Western Power is required to provide an explanation for any changes of more than 0.025 in any transmission or distribution loss factors when compared to the previous year.

In general, loss factors increase with demand at a node and decrease with increasing generation at a node. Loss factors can also be affected by changes in network configuration.

7.1 Transmission loss factors

Table 7.1 is a list of the transmission loss factors that moved by more than 0.025 in 2024/25. Loss factors for the transmission network are calculated based on half hour data for the whole system over the whole year. Individual transmission loss factors are not only affected by the quantity of usage at a node but also the time the usage occurs and being a meshed network, they are also affected by usage at other nearby nodes. Given these changes, Western Power has not been able to determine more specific reasons for each of the identified loss factor movements.

Table 7.1 - Transmission Loss Factors changed by more than 0.025

TLF Code	Description	Applied in 2023/24	To apply from 1 July 2024	Change
TAPA	Alcoa Pinjarra (Alcoa)	0.9636	0.9891	0.0255
TBLS	Boulder (SCE)	1.1490	1.2138	0.0648
TWOJ	Worsley (Joint Venture)	0.9579	0.9879	0.0300
TWOW	Worsley (Worsley)	0.9595	0.9894	0.0299
WBDE	Baandee	1.0428	1.0745	0.0317
WBKF	Black Flag	1.1739	1.2329	0.0590
WBLD	Boulder	1.1591	1.2212	0.0621
WBNY	Bounty	1.0640	1.0892	0.0252
WCAR	Carrabin	1.0883	1.1192	0.0309
WCGW	Collgar Windfarm	0.9687	0.9956	0.0269
WKEL	Kellerberrin	1.0521	1.0900	0.0379
WMER	Merredin	1.0337	1.0641	0.0304
WMSF	Merredin Solar Farm	0.9958	1.0298	0.0340
WPCY	Piccadilly	1.1581	1.2195	0.0614
WPKS	Parkeston	1.1453	1.2144	0.0691
WSNX	Southern Cross	1.0768	1.1143	0.0375
WWKT	West Kalgoorlie	1.1529	1.2091	0.0562
WYER	Yerbillon	1.0832	1.1149	0.0317

TLF Code	Description	Applied in 2023/24	To apply from 1 July 2024	Change
WYLN	Yilgarn	1.0689	1.1081	0.0392

7.2 Individual distribution loss factors

Table 7.2 is a list of the distribution loss factors that moved by more than 0.025 in 2024/25.

Table 7.2: Distribution Loss Factor changed by more than 0.025

DLF	Customer	DLF variance	Explanation
QEMM	EKJV MANAGEMENT PTY LTD	0.0491	The DLF variance is due to the change in the nominated CMD.
QGGP	GMA Garnet Pty Ltd	0.0616	The network power flow is changed due to a new DLF load supplied by the same feeder is assessed under the same network this year.
QIAP	Doral Mineral Sands Pty Ltd	0.0318	The network power flow is changed this year due to the network reconfiguration.
QKUD	Evolution Mining (Mungari) Pty Ltd	0.0298	The network power flow is changed due to another high consumption DLF load is assessed under different feeder this year.
QMPP	Metro Power Company Pty Ltd	-0.0310	The feeder peak is changed this year due to the network reconfiguration.
QNEW	NEWMONT POWER PTY LTD	-0.0251	The network power flow is changed due to the consumption reduction of other DLF loads supplied by the same feeder.
QTCN	TESLA NORTHAM PTY LTD	-0.0787	The network power flow is changed due to Tesla generator operated concurrently with another DLF generator NSF during the feeder peak period this year.

Appendix A

Individual Transmission Loss Factors by NMI

A.1 Individual Transmission Loss Factors by NMI

The following NMIs are for customers connected directly to the transmission system along with the transmission loss factor code Western Power has assigned.

Table A.1: Transmission Loss Factors by NMI

NMI	TLF
8001001211	WWWF
8001001212	WWWF
8001018932	TAPL
8001019590	TOLA
8001019784	TLWA
8001019785	TLWA
8002016652	WBWF
8002016403	WCGW
8002016404	WCGW
8001019484	WEMD
8001019485	WEMD
8002013796	TBLB
8002013337	TBLB
8002016510	TMDP
8002013343	WNGK
8002015326	WGNN
8002016666	WMSF
8002013379	WKMK
8002016668	WWDW
8002016124	WKND
8001018020	WKEM
8001018021	WKEM
8002013364	WMPS
8002013365	WKPS
8002013366	WCPS
8002013368	WPJR
8002013369	WKPS
8002013371	TWKG

NMI	TLF
8002013372	WMGA
8002016504	WKPS
8002016505	WKPS
8002016665	WYDW
8002016506	TMGS
8002016519	TMBA
8002016696	WKBS
8002016697	WKBS
8002016415	WBSI
8002016416	WBSI
8001000109	WMSR
8001000732	TAPA
8001000733	WAKW
8001000954	TAPA
8001001007	WWGP
8001000640	WWCL
8001000641	WWCL
8001000291	WAFM
8001016070	WBEC
8002016571	WNOW
8001019790	WPLD
8001000347	WEDG
8002016585	WSRD
8001019791	WGNI
8001000764	WSUM
8001000616	WKMM
8001000659	WKMC
8001000776	WWSD
8001000646	WGGV
8001019487	WKDP
8002013375	WBGH
8002016491	TKRA

NMI	TLF
8001000279	WPKS
8001000116	WBHK
8001000129	WCCL
8002016417	WBSI
8001000126	WWMG
8001000127	WWMG
8001000128	WWMG
8002016672	WWMG
8001000741	TBLS
8001000118	WKMK
8002112635	WBDP
8001000499	WBPM
8001000500	WBPM
8001000736	WCBP
8001000744	TWOJ
8001000743	TWOW
8001019478	TWOW
8002016407	TWOW
8002016671	WWMG
8002014313	WPKS
8002016687	WKWW
8002016691	WERF
8002016699	WTAL
8002016706	WFRW
8002016720	WCSF

Appendix B

Individual Distribution Loss Factors by NMI

B.1 Individual Distribution loss factors by NMI

The individual distribution loss factors calculated for the 2024/25 financial year are associated with the following NMIs.

Table B.1: Individual Distribution Loss Factors by NMI

NMI	DLF Code	Required or Optional ²
8001000101	QVML	Optional
8001000107	QCSW	Optional
8001000121	QTAL	Required
8001000122	QPEB	Required
8001000125	QKEM	Required
8001000130	QCEM	Required
8001000158	QLGA	Required
8001000234	QLGD	Required
8001000259	QWDB	Optional
8001000261	QWCQ	Optional
8001000267	QGWN	Optional
8001000269	QKUD	Required
8001000270	QMID	Optional
8001000272	QOFI	Optional
8001000274	QBGP	Optional
8001000280	QWCB	Optional
8001000282	QWCE	Optional
8001000284	QWCW	Required
8001000286	QAAL	Optional
8001000287	QFFM	Required
8001000298	QSAP	Optional
8001000325	QWMD	Required
8001000329	QBPA	Required
8001000332	QWCP	Optional

² Individual distribution loss factors have been assessed as either required or optional in accordance with section 3.2.5 of the Market Procedure. The calculation of optional distribution loss factors is at the cost of the retailer

NMI	DLF Code	Required or Optional ²
8001000333	QDOD	Optional
8001000345	QHVI	Required
8001000356	QTMH	Required
8001000357	QWCO	Required
8001000359	QHGM	Required
8001000373	QHAP	Required
8001000379	QDAG	Required
8001000394	QSJM	Optional
8001000414	QBKR	Optional
8001000419	QBRR	Optional
8001000428	QCBC	Required
8001000432	QCBK	Optional
8001000433	QGGP	Required
8001000451	QHMP	Required
8001000453	QAPE	Required
8001000463	QCUT	Optional
8001000493	QARG	Required
8001000506	QSMH	Optional
8001000507	QSMH	Optional
8001000515	QMIE	Optional
8001000516	QMRY	Optional
8001000517	QMRY	Optional
8001000519	QSMP	Optional
8001000520	QSMP	Optional
8001000527	QWCT	Optional
8001000528	QWCT	Optional
8001000533	QWAC	Optional
8001000534	QWAC	Optional
8001000535	QVIC	Optional
8001000536	QVIC	Optional
8001000539	QFIE	Required

NMI	DLF Code	Required or Optional ²
8001000541	QBWE	Required
8001000542	QBWE	Required
8001000546	QGES	Optional
8001000547	QGES	Optional
8001000548	QAMP	Optional
8001000549	QAMP	Optional
8001000559	QPWQ	Optional
8001000560	QPWQ	Optional
8001000561	QDVC	Optional
8001000562	QDVC	Optional
8001000563	QFER	Optional
8001000564	QFER	Optional
8001000565	QMIR	Optional
8001000566	QMIR	Optional
8001000573	QPER	Optional
8001000574	QPER	Optional
8001000578	QGDI	Optional
8001000589	QDFM	Optional
8001000590	QDFM	Optional
8001000591	QSPO	Optional
8001000592	QSPO	Optional
8001000593	QBFV	Optional
8001000594	QBFV	Optional
8001000598	QCPC	Optional
8001000599	QCPC	Optional
8001000623	QWCK	Optional
8001000624	QWCK	Optional
8001000650	QWBE	Optional
8001000651	QWBE	Optional
8001000652	QBUR	Optional
8001000653	QBUR	Optional

NMI	DLF Code	Required or Optional ²
8001000665	QRPH	Optional
8001000666	QRPH	Optional
8001000667	QLJS	Optional
8001000668	QLJS	Optional
8001000669	QKUD	Required
8001000670	QKUD	Required
8001000677	QWGS	Optional
8001000678	QWGS	Optional
8001000679	QBCB	Optional
8001000680	QBCB	Optional
8001000687	QRCS	Optional
8001000688	QRCS	Optional
8001000689	QPAN	Optional
8001000690	QPAN	Optional
8001000703	QBTF	Optional
8001000704	QBTF	Optional
8001000705	QTMA	Required
8001000706	QMIC	Required
8001000707	QAWF	Required
8001000708	QAWF	Required
8001000713	QAPI	Optional
8001000714	QAPI	Optional
8001000734	QPNK	Required
8001000738	QLGC	Required
8001000745	QPAG	Required
8001000756	QGTS	Optional
8001000780	QCBH	Required
8001000789	QSJO	Optional
8001000790	QWCG	Required
8001000792	QJOE	Optional
8001000824	QKBG	Required

NMI	DLF Code	Required or Optional ²
8001000829	QWFL	Optional
8001000860	QSJG	Optional
8001000863	QRRR	Required
8001000878	QWAN	Required
8001000916	QPEA	Required
8001000927	QCSK	Optional
8001000998	QNEW	Required
8001001009	QBMA	Required
8001001110	QTIF	Optional
8001001128	QSJG	Optional
8001002178	QLGE	Optional
8001002482	QDOF	Optional
8001002551	QLHT	Optional
8001002905	QAHU	Optional
8001003397	QGLG	Optional
8001003492	QTSS	Optional
8001003787	QBNB	Required
8001005378	QLPG	Optional
8001005622	QWCR	Optional
8001006005	QWCC	Optional
8001006363	QWCM	Optional
8001006614	QMHS	Optional
8001006864	QSER	Required
8001007060	QHPL	Required
8001007323	QNHP	Optional
8001007896	QMFA	Required
8001008047	QWCI	Optional
8001008631	QDCS	Required
8001008755	QISU	Optional
8001009577	QBUL	Required
8001010090	QPTA	Optional

NMI	DLF Code	Required or Optional ²
8001010318	QESC	Optional
8001010350	QQOA	Optional
8001011112	QBFW	Optional
8001011208	QLSP	Optional
8001011500	QJHP	Optional
8001011585	QIEW	Optional
8001012464	QCTE	Required
8001013013	QBAS	Required
8001014469	QHEL	Optional
8001014755	QMIL	Optional
8001014850	QSMR	Optional
8001015132	QDOJ	Optional
8001016019	QVCO	Required
8001016146	QDMC	Required
8001016147	QDMC	Required
8001016838	QWDF	Required
8001017024	QASA	Optional
8001017152	QWSI	Optional
8001017256	QGRA	Optional
8001017284	QGRI	Required
8001017512	QSPT	Optional
8001019433	QHLG	Required
8001020092	QBGM	Required
8001790061	QCAS	Required
8001993169	QSPW	Optional
8002002527	QCEB	Optional
8002008582	QLES	Optional
8002013336	QKWF	Required
8002013376	QCUR	Required
8002013377	QCUR	Required
8002013378	QCUR	Required

NMI	DLF Code	Required or Optional ²
8002013389	QHPH	Optional
8002013390	QHPH	Optional
8002016087	QCPU	Optional
8002016399	QJHP	Optional
8002016406	QWCZ	Required
8002016408	QMBW	Required
8002016420	QTES	Required
8002016499	QWHF	Required
8002016507	QTCG	Required
8002016508	QTCK	Required
8002016509	QTCN	Required
8002016529	QDWF	Required
8002016580	QHFM	Required
8002016638	QDOD	Optional
8002016649	QSPB	Required
8002016650	QMPM	Required
8002016651	QTAL	Required
8002016682	QBBW	Required
8002027039	QISP	Optional
8002027040	QISP	Optional
8002034918	QFLM	Required
8002049183	QDER	Required
8002049586	QSPB	Optional
8002050443	QBFO	Optional
8002051925	QCUR	Required
8002055189	QSIT	Required
8002067264	QBGQ	Required
8002073940	QCPU	Optional
8002081338	QFUJ	Optional
8002085923	QEMO	Required
8002095398	QBFO	Optional

NMI	DLF Code	Required or Optional ²
8002106501	QWCX	Required
8002118572	QEPF	Optional
8002131831	QEMM	Required
8002145821	QFMR	Required
8002148204	QANF	Required
8002150804	QCHS	Required
8002156419	QCPY	Optional
8002166160	QCMA	Required
8002174244	QSJM	Optional
8002182945	QEAP	Optional
8002183852	QLES	Optional
8002187958	QNXD	Optional
8002191360	QLMR	Required
8002206185	QBOC	Required
8002209093	QWAS	Optional
8002214497	QSGJ	Optional
8002220353	QWCY	Optional
8002221497	QFUR	Required
8002227231	QAAL	Optional
8002227767	QAAL	Required
8002247735	QKEY	Required
8002250697	QBUS	Optional
8002250698	QBUS	Optional
8002256750	QHHC	Optional
8002256973	QWCL	Optional
8002263036	QSPS	Optional
8002269579	QBFB	Required
8002276877	QISM	Optional
8002279965	QCHH	Required
8002286669	QFRO	Optional
8002288743	QEPH	Optional

NMI	DLF Code	Required or Optional ²
8002292810	QWAS	Optional
8002293689	QPTB	Optional
8002293690	QPTD	Optional
8002316600	QIRN	Required
8002317197	QISH	Optional
8002319360	QIRL	Required
8002320406	QDOD	Optional
8002339364	QNDC	Optional
8002350127	QALL	Required
8002350828	QALM	Required
8002350829	QALP	Required
8002351702	QPTE	Optional
8002355219	QNGF	Required
8002359093	QBBW	Required
8002361962	QWLD	Required
8002369988	QIAP	Required
8002383091	QPFP	Required
8002384923	QGWH	Optional
8002386295	QGWH	Optional
8002393603	QCVL	Required
8002401339	QWPP	Required
8002404195	QMRL	Required

Appendix C

Extinct Loss Factor Codes

C.1 Extinct Loss Factor Codes

The following loss factor codes have not been recalculated for the 2024/25 financial year.

Table C.1: Individual Transmission Loss Factors

TLF code	Reason for not being calculated
WCLP	Extinct connection
WWNT	Extinct connection

Table C.2: Individual Distribution Loss Factors

DLF code	Reason for not being calculated
QBBM	Not requested by retailer
QBLB	Not requested by retailer
QCEN	Not requested by retailer
QCSI	Not eligible for consideration
QDOR	Not requested by retailer
QDSX	Not eligible for consideration
QDXE	Not eligible for consideration
QERD	Not requested by retailer
QGMC	Not requested by retailer
QGWF	Not requested by retailer
QMGS	Not requested by retailer
QMHP	Not requested by retailer
QMRS	Not eligible for consideration
QPMP	Not requested by retailer
QSAD	Not requested by retailer
QVNW	Not requested by retailer
QVVM	Not requested by retailer
QWCJ	Not requested by retailer
QWCU	Not eligible for consideration
QWDE	Not requested by retailer
QGPP	Average value applied

DLF code	Reason for not being calculated
QJAN	Average value applied
QLPM	Average value applied
QVID	Average value applied