

DISTRIBUTION LOSS FACTORS FOR THE 2015 / 2016 FINANCIAL YEAR

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Version Control

VERSION	DATE	DETAILS
1.0	31/03/2015	Posted on the AEMO website in accordance with clause 3.6.3(i) of the National Electricity Rules.
2.0	01/04/2015	To correct an error in values for Ergon Energy's Site Specific DLF's.
3.0	07/07/2015	Updated NMI and value for LG05 in Ausnet's Site Specific DLF's.
4.0	22/07/2015	Reinstated NMI and value for PSPU in TasNetwork's Site Specific DLF's (with revised value).
5.0	10/08/2015	Updated value for One Steel's Embedded Network DLFs. Removed NMIs 6203764760 and VBBB000287 from the document, as they no longer have site-specific DLFs.
6.0	14/12/2015	Added NMI and value for KCB in Powercor's Site Specific DLF's.

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Rules Requirements

As specified in the National Electricity Rules, distribution loss factors:

- Notionally describe the average electrical energy losses for electricity transmitted on a distribution network between a distribution network connection point and a transmission network connection point or virtual transmission node for the financial year in which they apply;
- Will either be a site specific distribution loss factor, as defined in clause 3.6.3(b)(2)(i), or derived from the volume weighted average of the average electrical energy loss in the distribution network, as defined in clause 3.6.3(b)(2)(ii); and
- Are to be used in the settlement process as a notional adjustment to the electrical energy flowing at a distribution network connection point in a trading interval to determine the adjusted gross energy amount for that connection point in that trading interval, in accordance with clause 3.15.4.

Clause 3.6.3(i) requires that each year the Distribution Network Service Provider must determine the distribution loss factors to apply in the next financial year in accordance with clause 3.6.3(g) and provide these to AEMO for publication by 1 April. Before providing the distribution loss factors to AEMO for publication, the Distribution Network Service Provider must obtain the approval of the AER for the distribution loss factors it has determined for the next financial year.

Distribution Loss Factors for 2015/16

The Queensland DLFs for the 2015/16 financial year are tabulated in Appendix A.

The Victorian DLFs for the 2015/16 financial year are tabulated in Appendix B.

The NSW DLFs for the 2015/16 financial year are tabulated in Appendix C.

The Australian Capital Territory DLFs for the 2015/16 financial year are tabulated in Appendix D.

The South Australian DLFs for the 2015/16 financial year are tabulated in Appendix E.

The Tasmanian DLFs for the 2015/16 financial year are tabulated in Appendix F.

Appendix G contains a contact for each Distribution Network Service Provider (DNSP). Any questions regarding distribution connection points and DLFs should be referred to the relevant DNSP and their listed contact.

Appendix A: Queensland Distribution Loss Factors for 2015/16

Table A1: Energex's Average DLFs

NETWORK LEVEL	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
110 kV connected	FSSS	1.004	1.0037
33 kV connected	F3CL	1.0114	1.0107
11 kV bus connected	F1ZH	1.016	1.0151
11 kV line connected	F1CH	1.0224	1.0210
LV bus connected	F1CL	1.0429	1.0403
LV line connected	FLCL	1.0623	1.0585

Table A2: Energex's DLFs for Individually Calculated Customers/Generators

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
3120081063	FALK	N/A	1.00637
QB13708848	FBEP	1.00987	1.01586
QB13786415	FBOC	1.01943	1.01430
QB03188493	FBRR	N/A	1.01945
QB07156049	FBAC	1.01821	1.01699
3116941403	FAPB	1.01967	1.01707
3120007259	FLMD	1.01804	1.01656
QB03674681	FCAL	1.01026	1.00943
QB03187888	FQCL	1.03712	1.03732
3120032960	FCLT	N/A	1.03264
3120033076	FCST	N/A	1.00457
QB00011835	FCRL	1.02441	1.02804
QB03017958	FQUE	N/A	1.00897
3120167431	FEAN	1.00878	1.01378
3120167432	FEAS	1.00915	1.01141
3117524016	FGBI	N/A	1.00337
3120048897	FGHP	1.00562	1.00753
QB08899177	FHYS	N/A	1.05662
QB03675327	FICT	1.00829	1.00913
QB00702307	FSFT	1.03307	1.03729
3120085617	FLWT	N/A	1.00149
3120085619	FLWH	N/A	1.03608
3117238161	FLGP	N/A	1.01054
3120081891	FNBW	N/A	1.11155
QB03674177	FQG	1.01478	1.01453
QB05747155	FPCF	N/A	1.01571
QB09709916	FQBH	1.00017	1.00060
QB09750568	FQB	1.00284	1.00413
QB05850851	FQBW	1.00057	1.00101

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
QB07417373	FQCB	1.00612	1.00517
QB03187390	FQC	1.00007	1.00061
QB07480580	FQL	1.00064	1.00056
New Connection	FQP	N/A	1.01337
QB12757888	FQR	1.0005	1.00186
3120090363	FQRS	1.00053	1.00111
New Connection	FQRW	N/A	1.00692
QB08485399	FQT	1.00186	1.00424
3117476607	FQW	1.00175	1.00126
QB03675025	FPAH	1.01037	1.01175
3120134803	FQCH	1.01004	1.00430
QB03674151	FRBH	1.00878	1.00786
3120001083	FRAF	1.00309	1.01665
QB00703630	FBCC	1.01318	1.01420
QB02572559	FNPD	N/A	1.02687
QMRGW00156	FSWP	1.00635	1.00574
QB07047011	FSTC	1.01355	1.00992
QB08144664	FACI	1.06094	1.06493
3117267111	FTD	1.01274	1.00807
3116852575	FUQ1	1.01525	1.01556
3116852583	FUQ2	1.01361	1.01273
QB12021814	FVP	1.00811	1.00801
QB09455507	FSC	1.00816	1.00780
QB03188523	FWGC	N/A	1.00514
3116578384	FEIB	N/A	1.04776
QB14097800	FRPT	1.00685	1.00251
3117546923	FTTB	N/A	1.03327
3114538695	FWHG	N/A	1.05847

Table A3: Ergon Energy's Tariff Class DLFs

NETWORK LEVEL	DLF APPLIED IN 2014/15			DLF TO APPLY IN 2015/16		
	East	West	MI	East	West	MI
Sub-Trans. Bus	1.005	1.055	1.001	1.005	1.041	1.001
Sub-Trans. Line	1.011	1.086	1.005	1.011	1.071	1.005
22/11kV Bus	1.015	1.093	1.007	1.015	1.078	1.008
22/11kV Line	1.034	1.127	1.035	1.028	1.109	1.036
LV Bus	1.079	1.174	1.056	1.073	1.152	1.058
LV Line	1.094	1.184	1.060	1.083	1.182	1.096

NETWORK LEVEL	DLF CODES		
	East	West	MI
Sub-Trans. Bus	GESB	GWSB	GMSB
Sub-Trans. Line	GESL	GWSL	GMSL
22/11kV Bus	GEHB	GWHB	GMHB
22/11kV Line	GEHL	GWHL	GMHL
LV Bus	GELB	GWLB	GMLB
LV Line	GELL	GWLL	GMLL

Table A4: Ergon Energy's Site Specific DLFs

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
QDDD000005	GBSB	1.000	1.000
QAAALV0001	GBSB	1.000	1.000
QAAAMR0000	GBSB	1.000	1.000
3051745071	GS22	1.001	1.001
QAAABW0000	GBSB	1.000	1.000
QAAABW0002	GS02	1.001	1.007
3051526875	GBSB	1.000	1.000
3051526867	GBSB	1.000	1.000
3051526859	GBSB	1.000	1.000
3051526841	GBSB	1.000	1.000
3051526883	GBSB	1.000	1.000
3051526891	GBSB	1.000	1.000
QDDD003345	GS77	1.003	1.004
QCCC000004	GS19	1.042	1.039
QCCC000014	GS73	1.001	1.001
QCCC000002	GS18	1.004	1.003
QWAGW00066	GS65	1.010	1.010
QAAABW0001	GS51	1.005	1.005
QDDD000003	GS21	1.002	1.002
QAAALV0000	GBSB	1.000	1.000
QGGG000394	GS40	1.111	1.098
QAAABX0014	GS69	1.006	1.008
QEMS000001	GS64	1.009	1.010
QAAALV0002	GBSB	1.000	1.000
QCCC000003	GBSB	1.000	1.000
QCCC000012	GS85	1.076	1.061
QAAALV0004	GBSB	1.000	1.000
QAAABX0012	GS70	1.001	1.000
3051111985	GS06	1.007	1.007
QAAARG0000	GS14	1.004	1.004
QAAAMR0001	GS13	1.005	1.002
QAAABW0041	GS62	1.019	1.015
QAAALX0000	GS12	1.021	1.017
QAAABL0000	GBSB	1.000	1.000
3051844184	GS84	1.000	1.000
3051467399	GS86	1.006	1.009
QDDD000028	GS87	1.004	1.002
QDDD003342	GS88	-	1.011
3051492237	GS89	-	1.001
QCCC000020	GS82	1.007	1.011
QCCC000018	GS83	1.005	1.006

Table A5: Ergon Energy's DLFs Embedded Generators

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
QEEE000547	GS26	0.992	0.991
QEEE000026	GS55	0.976	0.977
QCQPW00076	GS49	0.952	0.942
QFFF000010	GS29	0.979	0.984
QFFF00000Z	GS30	0.979	0.984
QCCC001041	GS67	0.972	0.967
QDDD003206	GS71	1.002	0.998
QDDD003340	GBSB	1.000	1.000
QCCC001036	GS56	0.992	0.992
QMKYW00147	GBSB	1.000	1.000
QGGG000418	GS74	1.000	1.001
3051393689	GS76	0.960	0.952
QEEE000050	GS79	0.989	0.978
3051745577	GS80	0.988	0.982
3051532166	GS81	0.985	0.986

Table A6: Oaky Creek Coal Network's Embedded Generation DLF

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
7102000028	XOCN	0.9905	0.9905

Table A7: Capcoal Network's Embedded Generation DLF

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
7102000033	XCCN	0.9947	0.9952

Table A8: Moranbah North Coal Mine Network's Embedded Generation DLF

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
7102000038	XMCN	0.9885	0.9865

Appendix B: Victoria Distribution Loss Factors for 2015/16

Table B1: Approved Network Average DLFs

DISTRIBUTORS	DISTRIBUTION LOSS FACTORS					
	Type	DLF A	DLF B	DLF C	DLF D	DLF E
Jemena	Short Sub-transmission	1.0056	1.0119	1.0282	1.0465	1.0543
	Long Sub-transmission	1.0292	1.0355	1.0518	1.0700	1.0778
CitiPower	Short sub-transmission	1.0034	1.0105	1.0144	1.0350	1.0403
Powercor	Short sub-transmission	1.0042	1.0100	1.0355	1.0616	1.0703
	Long sub-transmission	1.0339	1.0397	1.0652	1.0913	1.1000
AusNet Services	Short sub-transmission	1.0034	1.0118	1.0259	1.0527	1.0605
	Long sub-transmission	1.0220	1.0304	1.0444	1.0712	1.0790
United Energy	Short sub-transmission	1.0043	1.0099	1.0163	1.0391	1.0526
	Long sub-transmission	1.0178	1.0233	1.0297	1.0525	1.0660

DISTRIBUTORS	DISTRIBUTION LOSS FACTOR CODES					
	TYPE	DLF A	DLF B	DLF C	DLF D	DLF E
Jemena	Short sub-transmission	CSAS	CHBS	CHCS	CLDS	CLES
	Long sub-transmission	CSAL	CHBL	CHCL	CLDL	CLEL
CitiPower	Short sub-transmission	ESTA	EZSB	EHVC	EDSD	ELVE
Powercor	Short sub-transmission	KAS	KBS	KCS	KDS	KES
	Long sub-transmission	KAL	KBL	KCL	KDL	KEL
AusNet Services	Short sub-transmission	LASS	LBSS	LCHS	LDLS	LELS
	Long sub-transmission	LASL	LBSL	LCHL	LDLL	LELL
United Energy	Short sub-transmission	MSAS	MHBS	MHCS	MLDS	MLES
	Long sub-transmission	MSAL	MHBL	MHCL	MLDL	MLEL

Notes:

- DLF- A is the distribution loss factor to be applied to a second tier customer or market customer connected to a sub-transmission line at 66 kV or 22 kV.
- DLF- B is the distribution loss factor to be applied to a second tier customer or market customer connected to the lower voltage side of a zone substation at 22 kV, 11 kV or 6.6 kV.
- DLF- C is the distribution loss factor to be applied to a second tier customer or market customer connected to a distribution line from a zone substation at voltage of 22 kV, 11 kV or 6.6 kV.
- DLF- D is the distribution loss factor to be applied to a second tier customer or market customer connected to the lower voltage terminals of a distribution transformer at 240/415 V.
- DLF- E is the distribution loss factor to be applied to a second tier customer or market customer connected to a low voltage line at 240/415 V.
- Separate DLFs are also calculated for each DLF category A to E depending on whether the length of the sub-transmission line supplying the customer upstream of the customer's connection point is 'short' or 'long'.

A short sub-transmission line is defined as:

- A radial sub-transmission line where the route length of the line is less than 20 km, or
- A sub-transmission line in a loop where the total route length of all lines in the loop is less than 40 km.

All other sub-transmission lines are defined as 'long sub-transmission'

Table B2: Approved site-specific DLFs for large load customers

DISTRIBUTOR	CUSTOMER NMI	DLF CODES	DLF TO APPLY IN 2015/16
Jemena	VDDD000495	CVPC	1.0116
	6001280255	CAPA	1.0069
	VDDD000244	CFMC	1.0135
	VDDD000134	CAGP	1.0156
	6001001784	CAHH	1.0182
CitiPower	VAAA000673	ESS4	1.0165
Powercor	VCCCAF0002	KAF1	1.0007
	VCCCAF0001	KAF	1.0068
	VCCDA0031	KDA2	1.0013
	VCCCGD0001	KGD	1.0010
	VCCCGJ0001	KGJ	1.0020
	VCCDA0022	KDA	1.0015
	VCCCRD0007	KRD	1.0080
	VCCDA0025	KDA1	1.0085
	VCCAD0001	KAD	1.0128
	VCCCSE0004	KSE	1.0554
	VCCCGE0019	KGE	1.0092
	VCCBC0025	KBC	1.0313
	VCCCTE0002	KTE	1.0506
	VCCCSB0012	KSB	1.0631
	6203803617	KBN	1.0083
VCCCLD0024	KLD	1.0086	
AusNet Services	VBBB000073	LL02	1.0056
	VBBB000161	LL05	1.0050
	VBBB000058	LL01	1.0232
	VBBB000096	LL03	1.0252
United Energy	VEEE0PD8AD	MC05	1.0128
	VEEE0TF39Q	MC06	1.0143
	VEEE0BG4Q3	MC02	1.0182
	VEEE0NDNEX	MC04	1.0250
	6407799056	MC08	1.0188
	VEEE08KH3V	MC01	1.0093
	VEEE0C8AW1	MC03	1.0064
	VEEE0ATYTH	MC07	1.0198

Table B3: Approved DLFs for large embedded generators

DISTRIBUTOR	NMI	DLF CODES	DLF TO APPLY IN 2015/16
Jemena	6001264751	CSOG	0.9899
Powercor	6203661632	KCH	0.9659
	6203008782	KCF	1.0329
	6203690629	KYW	1.0329
	6203811032	KOH	0.8946
	6203829699	KML	0.9100
	6203879058	KCB	1.0295
AusNet Services	6305010110	LG03	1.0504
	6305651897	LG03	1.0504
	6305656070	LG02	1.0377
	6305721689	LG07	1.0458
	VBBB002342	LG04	1.0284
	VMBTWZCLPS	LG05	0.9939
	VTTSWZRUBX	LG06	1.0053
	6305908426	LG08	1.0285
	6305940506	LG09	1.0239
	6305941257	LG09	1.0239
United Energy	6407649172	MG01	1.0116

Appendix C: New South Wales Distribution Loss Factors for 2015/16

Table C1: Endeavour Energy's DLFs for Tariff Classes

TARIFF CLASS	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
132 kV Network	HNVL	1.0032	1.0034
Transmission Substation	HSTS	1.0075	1.0078
Subtransmission Network	HSTL	1.0109	1.0109
Zone Substation	HHVT	1.0113	1.0115
High Voltage Distribution Network	HHVL	1.0175	1.0185
Distribution Substation	HLVT	1.0467	1.0485
Low Voltage Network	HLVL	1.0665	1.0682

Table C2: Endeavour Energy's DLFs for Embedded Generators

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
NEEE000748	HTX2	0.9981	1.0025
NEEE000749	HTX3	1.0078	1.0115
NEEE000750	HTX4	1.0024	1.0051
4310951391	HNC1	0.9994	0.9994

Table C3: Endeavour Energy's DLFs for CRNP Customers

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
NEEE000003	HTX6	1.0096	1.0148
NEEE000005	HHY1	1.0135	1.0152
NEEE000006	HTY5	1.0310	1.0310
NEEE000014	HTY7	1.0089	1.0061
NEEE000032	HSTS	1.0039	1.0078
NEEE000046	HTV2	1.0019	1.0019
NEEE000049	HHV1	1.0096	1.0123
NEEE000066	HTY4	1.0328	1.0310
NEEE000506	HHY4	1.0129	1.0134

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
NEEE000707	HHY5	1.0299	1.0265
NEEE000758 NEEE000759	HIC1	1.0386	1.0385
NEEE000760 NEEE000762 NEEE000764 NEEE000766 NEEE000768	HTV4	1.0037	1.0035
4311061116 4311061119	HTY3	1.0072	1.0069
NEEE001591	HTX5	1.0148	1.0081
4311028276 4311028297	HHY3	1.0108	1.0135
NEEE001656	HTV1	1.0043	1.0055
4311021596 4311021597	HHY2	1.0100	1.0135
NEEE001892	HTX1	1.0115	1.0087
NEEEW00001 NEEEW00002	HTF1	1.0007	1.0010
NEEEW04150 NEEEW04151 NEEEW04152 NEEEW04153 NEEEW04154	HTF2	1.0066	1.0078
NEEE005219	HTX8	1.0087	1.0082
NEEE000934	HTX9	1.0045	1.0047
NEEE000013	HSTL	1.0045	1.0109
4311019016 4311044309	HSTL	1.0051	1.0109
NEEE004639	HHY7	-	1.0086

Table C4: Essential Energy's Site Specific DLFs

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
NAAA00AC11	BS33	1.1335	1.1176
4001161869	BS32	1.1623	1.1644
4001227465	BS56	1.0135	1.0130
4001224331	BS35	1.0121	1.0120
NTTTW0RU20	UNIT	1.0000	1.0000
NAAANRAB50	BS38	1.0199	1.0199
NAAA00AB64	BS40	1.1368	1.1151
NAAA00AC21	BS39	1.0320	1.0224
NAAANRAA01	BS41	1.1325	1.1213
NAAANRAA02	BS51	1.0089	1.0048
NTTTW0W110	UNIT	1.0000	1.0000
4001151659	BS43	1.0005	1.0010
NFFFNRKU39	BS44	0.9889	0.9964
4001175717	BS45	1.0523	1.0458
4508034707	BS46	1.0530	1.0490
4001223403	BS52	1.0588	1.0549
4001210762	BS48	0.9917	0.9873
4001231908	BS50	0.9897	0.9868
4001193201	BS02	0.9698	0.9769
4001185251	BS03	0.9988	1.0032
4001242173	BS53	1.0065	1.0065
4001246761	BS55	0.9915	0.9923
4001251721	BS54	0.9885	0.9878
4001258249	BS57	0.9987	0.9955
4001241798	BS58	-	0.9944

Table C5: Essential Energy's General DLFs

CLASS OR NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
Low Voltage	BL0A, DLDL, DLD2, DLD6, DLGB, DLGD	1.0924	1.0869
LV & Metered at CE	BL5A	1.0566	1.0558
High Voltage Line	BH0A	1.0350	1.0336
High Voltage Substation	BH5A	1.0202	1.0180
Sub-transmission	BS0A	1.0132	1.0111

Table C6: Ausgrid's DLFs for Tariff Classes

TARIFF CODE	TARIFF CLASS	LOCATION	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16	DLF CODE
EA010	Residential Inclining Block	LV system	1.0643	1.0637	JLDL
EA025	Residential ToU	LV system	1.0560	1.0554	JL40
EA030	Controlled Load 1	LV system	1.0643	1.0637	JL1L
EA040	Controlled Load 2	LV system	1.0643	1.0637	JL2L
EA050	Small Business Inclining Block	LV system	1.0564	1.0558	JLSL
EA225	Small Business ToU	LV system	1.0564	1.0558	JLSL
EA301	LV 40-160 MWh (Transition - Closed)	LV system	1.0564	1.0558	JLSL
EA302	LV 40-160 MWh (System)	LV system	1.0564	1.0558	JLSL
EA305	LV 160-750 MWh (System)	LV system	1.0564	1.0558	JLSL
EA310	LV >750 MWh (System)	LV system	1.0564	1.0558	JLSL
EA325	LV Connection (Standby Tariff)	LV system	1.0564	1.0558	JLSL
EA360	HV Connection (Standby Tariff)	HV system	1.0189	1.0177	JHSH
EA370	HV Connection (System)	HV system	1.0189	1.0177	JHSH
EA380	HV Connection (Substation)	HV substation	1.0140	1.0123	JHBH
EA390	ST Connection	ST System	1.0078	1.0061	JSSS
EA401	Public Lighting	LV system	1.0839	1.0817	JLSP
EA402	Constant Unmetered	LV system	1.0613	1.0608	JLSU
EA403	Energy Light	LV system	1.0839	1.0817	JLSP

Table C7: Ausgrid's DLFs for CRNP Customers

NMI	LOCATION	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/2016	DLF CODE
4103736926	33 kV system	1.0019	1.0016	J550
4103736927	33 kV system	1.0019	1.0016	J550
NCCCNREA06	33/11 kV substations	1.0122	1.0090	J660
NCCCZ01384	33/11 kV substations	1.0125	N/A	J731
NCCCZ01085	33/11 kV substations	1.0205	N/A	J732
4103748279	132 kV system	1.0000	1.0000	J885
4103507254	33 kV system	1.0021	1.0023	JGLB
4103507266	33 kV system	1.0021	1.0023	JGLB
4103841489	33 kV system	N/A	1.0023	JGLB
4103841748	33 kV system	1.0021	1.0023	JGLB
NCCCNRNP40	132 kV transmission	1.0000	1.0000	JCAP
NCCCNRNP50	132 kV transmission	1.0000	1.0000	JCAP
NCCCWRNP60	132 kV transmission	1.0000	1.0000	JCAP
NCCCZ01251	33 kV system	1.0019	1.0010	J881
4102016227	33 kV transmission	1.0005	1.0005	JTOL
4102016252	33 kV transmission	1.0005	1.0005	JTOL
4103770084	132 kV transmission	1.0011	1.0011	J887
4103770085	132 kV transmission	1.0011	1.0011	J886
NCCCZ01381	33 kV transmission	1.0010	1.0009	J800
4103769153	33 kV system	1.0038	1.0030	J700
4103769154	33 kV system	1.0038	1.0030	J700
NCCCNRZ1BK	132/33 kV substations	1.0203	1.0201	J635
4103686298	66 kV system	1.0078	1.0061	JSSS
NCCCX00745	33 kV transmission	1.0000	1.0002	J640
NCCCX00746	33 kV transmission	1.0000	1.0002	J640
NCCCX00747	33 kV transmission	1.0000	1.0002	J640
4103507347	132/33 kV substations	1.0095	1.0048	J601
NCCCNRZ1BM	132 kV system	1.0023	1.0035	J580
NCCCX00332	132/66 kV substations	1.0002	1.0001	J590
NCCCNRZZB0	132/33 kV substations	1.0080	1.0046	J610
NCCCX00750	33 kV transmission	1.0011	1.0009	J620
NCCCX00751	33 kV transmission	1.0011	1.0009	J620
NCCCX00752	33 kV transmission	1.0011	1.0009	J620
NCCCX00753	33 kV transmission	1.0011	1.0009	J620
NCCC007211	33 kV system	1.0079	1.0100	J605
NCCCNRZ1BQ	33 kV transmission	1.0000	1.0006	J655
NCCCX00283	132/33 kV substations	1.0034	1.0029	J630
NCCCX00284	132/33 kV substations	1.0034	1.0029	J630
NCCCX00748	132/33 kV substations	1.0048	1.0079	J615
NCCCX00749	132/33 kV substations	1.0048	1.0079	J615
NCCCNRZ1BT	132/33 kV substations	1.0015	1.0007	J645
NCCCX00293	132/33 kV substations	1.0081	1.0099	J600
NCCCX00294	132/33 kV substations	1.0081	1.0099	J600

NMI	LOCATION	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/2016	DLF CODE
NCCC002902	66 kV system	1.0059	1.0050	JK23
NCCC002221	66 kV system	1.0141	1.0124	J500
NCCCZ01275	132/33 kV substations	1.0018	1.0010	J560
NCCCNREEK2	33 kV system	1.0104	1.0087	J541
4102030738	33 kV system	1.0087	1.0070	J543
4103628537	33 kV system	1.0087	1.0070	J543
NCCCNRCS90	HV system	1.0110	1.0111	J670
NCCCNRZ1XJ	66 kV system	1.0124	1.0138	J680
NCCCNREA14	132/11 kV substations	1.0126	1.0158	J770
4103798233	66 kV system	1.0161	1.0150	J771
NCCCNREB57	33/11 kV substations	1.0207	1.0160	J772
NCCCNREB24	132/11 kV substations	1.0371	1.0302	J773
4103598315	132/66 kV substations	1.0144	1.0123	J774
NCCCNREE73	33 kV system	1.0166	1.0163	J775
4103526370	132/66 kV substations	1.0183	1.0275	J776
NCCCNREB49	132/66 kV substations	1.0101	1.0103	J777
4103632682	33 kV system	1.0187	1.0163	J778
4103529698	66 kV system	1.0203	1.0202	J779
NCCCNREN7	132/66 kV substations	1.0153	1.0161	J780
4103768912	132/33 kV substations	1.0040	1.0048	J781
4103768913	132/33 kV substations	1.0040	1.0048	J782
4103831536	132/11 kV substations	1.0031	1.0031	J783

Table C8: Ausgrid's DLF's for Embedded Generators

NMI	LOCATION	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16	DLF CODE
NCCC007498	33 kV system	1.0079	1.0063	JGEN
NCCCNRGB10	HV system	1.0195	1.0183	JK24
4103666631	33 kV system	1.0079	1.0063	JGEN
NCCCNRME11	33 kV system	1.0079	1.0063	JGEN
NCCCNRME10	33 kV system	1.0079	1.0063	JGEN
NCCC007441	132 kV system	1.0010	1.0012	JRED

Table C9: One Steel's Embedded Network DLFs

NMI	LOCATION	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16	DLF CODE
7102000008, 7102000009, 7102000010	11 kV	1.02980	1.0504	XON2

Appendix D: ACT Distribution Loss Factors for 2015/16

Table D1: ActewAGL's Distribution's DLFs

CONNECTION	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
High Voltage	AH00	1.0190	1.0139
Low Voltage	AL00	1.0438	1.0456

Table D2: ActewAGL's Site Specific DLFs

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
NGGG000294	AS01	1.0062	1.0084
NGGG000269	AS02	1.0119	1.0080
7001197618	AS04	0.9999	0.9999
N/A	AS05	N/A	0.9971

Appendix E: South Australia Distribution Loss Factors for 2015/16

Table E1: SA Power Network's Distribution Connection Point Class DLFs

CLASS	TARIFF	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
Low Voltage	Unmetered	NLV2	1.0790	1.0790
	Residential	NLV2	1.0790	1.0790
	Controlled Load (HW)	NLV2	1.0790	1.0790
	Business Single Rate	NLV2	1.0790	1.0790
	Business Two Rate	NLV2	1.0790	1.0790
Low Voltage T/F	LV Demand	NLV1	1.0631	1.0631
HV	HV Demand Two Rate	NHV1	1.0377	1.0377
Substation	Substation Non Loc	NZS1	1.0174	1.0174

Table E2: SA Power Network's Site Specific DLFs

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
2001000378	NBA1	1.0010	1.0010
2001000608	NAC2	1.0110	1.0100
2002112609	NKC4	1.0100	1.0100
2002133131	NGM2	1.0070	1.0070
2002213788	NHN1	1.0020	1.0020
2002213796	NHN2	1.0020	1.0020
2002216840	NDS1	1.0080	1.0080
2002280161	NDS2	1.0080	1.0080
2002257162	NRT1	1.0040	1.0040
2002257164	NRT1	1.0040	1.0040
SAAAAAA018	NPS1	1.0000	1.0000
SAAAAAA021	NPS3	1.0070	1.0070
SAAAAAA022	NGM1	1.0090	1.0090
SAAAAAA024	NAB1	1.0060	1.0070
SAAAAAA026	NAC1	1.0210	1.0200
SAAAAAA035	NGT1	1.0060	1.0060
SAAAAAA084	NOS1	1.0000	1.0010
SAAAAAA438	NIF1	1.0100	1.0110
SAAAAAB557	NOS2	1.0010	1.0000

Table E3: SA Power Network's Embedded Generator DLFs

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
2001000639	NCL1	1.0090	1.0090
2001000640	NCL1	1.0090	1.0090
2001000734	NSHW	1.0090	1.0090
2002220776	NSP1	1.0040	1.0040
2002221495	NSP2	1.0040	1.0040
2002108658	NCDW	0.9730	0.9730
2002108660	NAS1	0.9970	0.9970
2002108661	NAS2	0.9970	0.9970

Table E4: Amcor Packaging Pty Ltd's - Amcor/Gawler DLFs

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
2102000201	XRAG	1.0033	1.0033
2102000202	XRAG	1.0033	1.0033
2102000203	XRAG	1.0033	1.0033

Table E5: BHP Billiton's - Oz Minerals Prominent Hill/Olympic Dam DLF

NMI	DLF CODE	DLF APPLIED IN 2014/15	DLF TO APPLY IN 2015/16
2102000001	XOX1	1.056	1.056

Appendix F: Tasmania Distribution Loss Factors for 2015/16

The AER has approved the following distribution loss factors for Tasmania for the 2015/16 financial year.

TasNetworks has grouped transmission connection sites into seven regions. The DLFs are grouped into each of these seven regions as follows:

Hobart (Table F1), Tamar (Table F2), East Coast (Table F3), North West (Table F4), Derwent (Table F5), Southern (Table F6), and West Coast (Table F7).

Table F1: TasNetworks' Hobart Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF	Cumulative DLF
Subtransmission Network	Hobart	PHST	1.0038	1.0038
Zone Substation	Hobart	PHZN	1.0021	1.0060
HV Distribution Network	Hobart	PHHV	1.0053	1.0113
Distribution Substation	Hobart	PHDS	1.0117	1.0232
LV Distribution Network	Hobart	PHLV	1.0165	1.0400

Table F2: TasNetworks' Tamar Region (incorporating Launceston) DLFs

Distribution Network Level	Region	DLF Code	Section DLF	Cumulative DLF
Subtransmission Network	Tamar	PTST	1.0000	1.0000
Zone Substation	Tamar	PTZN	1.0000	1.0000
HV Distribution Network	Tamar	PTHV	1.0072	1.0072
Distribution Substation	Tamar	PTDS	1.0157	1.0230
LV Distribution Network	Tamar	PTLV	1.0214	1.0449

Table F3: TasNetworks' East Coast Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF	Cumulative DLF
Subtransmission Network	East Coast	PEST	1.0000	1.0000
Zone Substation	East Coast	PEZN	1.0000	1.0000
HV Distribution Network	East Coast	PEHV	1.0227	1.0227
Distribution Substation	East Coast	PEDS	1.0299	1.0534
LV Distribution Network	East Coast	PELV	1.0265	1.0813

Table F4: TasNetworks' North West Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF	Cumulative DLF
Subtransmission Network	North West	PNST	1.0000	1.0000
Zone Substation	North West	PNZN	1.0000	1.0000
HV Distribution Network	North West	PNHV	1.0102	1.0102
Distribution Substation	North West	PNDS	1.0205	1.0309
LV Distribution Network	North West	PNLV	1.0238	1.0554

Table F5: TasNetworks' Derwent Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF	Cumulative DLF
Subtransmission Network	Derwent	PDST	1.0000	1.0000
Zone Substation	Derwent	PDZN	1.0000	1.0000
HV Distribution Network	Derwent	PDHV	1.0108	1.0108
Distribution Substation	Derwent	PDDS	1.0283	1.0394
LV Distribution Network	Derwent	PDLV	1.0254	1.0658

Table F6: TasNetworks' Southern Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF	Cumulative DLF
Subtransmission Network	Southern	PSST	1.0000	1.0000
Zone Substation	Southern	PSZN	1.0003	1.0003
HV Distribution Network	Southern	PSHV	1.0155	1.0158
Distribution Substation	Southern	PSDS	1.0221	1.0382
LV Distribution Network	Southern	PSLV	1.0225	1.0616

Table F7: TasNetworks' West Coast Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF	Cumulative DLF
Subtransmission Network	West Coast	PWST	1.0011	1.0011
Zone Substation	West Coast	PWZN	1.0037	1.0049
HV Distribution Network	West Coast	PWHV	1.0080	1.0129
Distribution Substation	West Coast	PWDS	1.0158	1.0289
LV Distribution Network	West Coast	PWLV	1.0101	1.0393

Table F8: TasNetworks' Site Specific DLFs

NMI	Region	DLF Code	DLF
8000000656	North West	PSPU	1.0026
8000003578	West Coast	PBSM	1.0108
8000003585	North West	PACH	1.0000
8000003868	West Coast	PHGM	1.0000
8000295294	East Coast	PEMW	1.0000

Appendix G: Distribution Loss Factor - Contacts

Questions regarding the Distribution Loss Factors contained in this document should, in the first instance, be directed to the appropriate person listed below:

Distribution Network Service Provider

ActewAGL Distribution	Janusz Worony, Manager Technical Regulation and Standards	02 6293 5871
Ausgrid	Brian Newman, Strategic Pricing Analyst	02 9269 2866
Endeavour Energy	Jon Hocking, Manager Network Regulation	02 9853 4386
Energex	Rachel Leaver, Network regulation Manager	07 3664 4115
Ergon Energy Corporation Limited	Manager Regulatory Determination and Pricing	13 74 66
Essential Energy	Catherine Waddell, Group Manager Regulated Pricing and Analysis	02 6338 3553
Jemena	Gabriel Wan, Manager Network Planning & Development	03 8544 9615
Powercor Australia Ltd and CitiPower Pty	Neil Gascoigne, Manager Planning Policy and Transmission Interface	03 9683 4472
SA Power Networks	James Bennett, Manager Regulation	08 8404 5261
AusNet Services	Kate Jdanova, Senior Regulatory Analyst	03 9695 6630
TasNetworks	Warren Brooks, Responsible Person	0419 310 912
United Energy Distribution	Rodney Bray, Network Planning Manager	03 8846 9745