

# DISTRIBUTION LOSS FACTORS FOR THE 2014 / 2015 FINANCIAL YEAR

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## Version Control

VERSION	DATE	DETAILS
1.0	31/03/2014	Posted on the AEMO website in accordance with clause 3.6.3(i) of the National Electricity Rules.
2.0	09/07/2014	Updated to reflect new DLF codes BS54, BS57, BS58 approved by AER for site specific NMI's 4001251721, 4001258249 and 4001241798 in Essential Energy's distribution network (Table C4).  Updated ETSA to reflect SA Power Networks

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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 2014/15

The Queensland DLFs for the 2014/15 financial year are tabulated in Appendix A.

The Victorian DLFs for the 2014/15 financial year are tabulated in Appendix B.

The NSW DLFs for the 2014/15 financial year are tabulated in Appendix C.

The Australian Capital Territory DLFs for the 2014/15 financial year are tabulated in Appendix D.

The South Australian DLFs for the 2014/15 financial year are tabulated in Appendix E.

The Tasmanian DLFs for the 2014/15 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 2014/15

**Table A1: Energex's Average DLFs**

NETWORK LEVEL	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
110 kV connected	FSSS	1.0041	1.004
33 kV connected	F3CL	1.0118	1.0114
11 kV bus connected	F1ZH	1.0166	1.016
11 kV line connected	F1CH	1.0232	1.0224
LV bus connected	F1CL	1.0443	1.0429
LV line connected	FLCL	1.0643	1.0623

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

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
QB13708848	FBEP	1.00967	1.00987
QB13786415	FBOC	1.01893	1.01943
QB07156049	FBAC	1.01692	1.01821
3116941403	FAPB	1.0178	1.01967
3120007259	FLMD	1.018	1.01804
QB03674681	FCAL	1.00921	1.01026
QB03187888	FQCL	1.03427	1.03712
QB00011835	FCRL	1.02545	1.02441
3120167431	FEAN	N/A	1.00878
3120167432	FEAS	N/A	1.00915
3120048897	FGHP	N/A	1.00562
QB03675327	FICT	1.00865	1.00829
QB00702307	FSFT	1.04859	1.03307
QB03674177	FQG	1.01421	1.01478
QB09709916	FQBH	1.00025	1.00017
QB09750568	FQB	1.00363	1.00284
QB05850851	FQBW	1.00036	1.00057
QB07417373	FQCB	1.00029	1.00612
QB03187390	FQC	1.00004	1.00007
QB07480580	FQL	1.00026	1.00064
QB12757888	FQR	1.00046	1.0005
3120090363	FQRS	1.00066	1.00053
QB08485399	FQT	1.00175	1.00186
3117476607	FQW	1.00134	1.00175
QB03675025	FPAH	1.01142	1.01037
3120134803	FQCH	N/A	1.01004
QB03674151	FRBH	1.01049	1.00878
3120001083	FRAF	1.00418	1.00309
QB00703630	FBCC	1.01187	1.01318

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
QMRGW00156	FSWP	1.01167	1.00635
QB07047011	FSTC	1.01103	1.01355
QB08144664	FACI	1.0652	1.06094
3117267111	FTD	1.00673	1.01274
3116852575	FUQ1	1.00775	1.01525
3116852583	FUQ2	1.00762	1.01361
QB12021814	FVP	1.00886	1.00811
QB09455507	FSC	1.00809	1.00816
QB14097800	FRPT	1.01110	1.00685

Table A3: Ergon Energy's Tariff Class DLFs

NETWORK LEVEL	DLF APPLIED IN 2013/14			DLF TO APPLY IN 2014/15		
	East	West	MI	East	West	MI
Sub-Trans. Bus	1.007	1.060	1.002	1.005	1.055	1.001
Sub-Trans. Line	1.012	1.091	1.005	1.011	1.086	1.005
22/11kV Bus	1.014	1.098	1.008	1.015	1.093	1.007
22/11kV Line	1.033	1.132	1.036	1.034	1.127	1.035
LV Bus	1.073	1.173	1.057	1.079	1.174	1.056
LV Line	1.078	1.184	1.087	1.094	1.184	1.060

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 2013/14	DLF TO APPLY IN 2014/15
QDDD000005	GBSB	1.000	1.000
QAAALV0001	GBSB	1.000	1.000
QAAAMR0000	GBSB	1.000	1.000
3051767562	GS22	1.000	1.001
QAAABW0000	GBSB	1.000	1.000
QAAABW0002	GS02	1.004	1.001
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	1.003
QCCC000004	GS19	1.039	1.042
QCCC000014	GS73	1.001	1.001
QCCC000002	GS18	1.004	1.004
QWAGW00066	GS65	1.011	1.010
QAAABW0001	GS51	1.004	1.005
QDDD000003	GS21	1.002	1.002
QAAALV0000	GBSB	1.000	1.000
QGGG000394	GS40	1.101	1.111
QAAABX0014	GS69	1.006	1.006
QEMS000001	GS64	1.008	1.009
QAAALV0002	GBSB	1.000	1.000
QCCC000003	GBSB	1.000	1.000
QCCC000012	GS85	1.070	1.076
QAAALV0004	GBSB	1.000	1.000
QAAABX0012	GS70	1.001	1.001
3051111985	GS06	1.007	1.007
QAAARG0000	GS14	1.004	1.004
QCCC700300	GBSB	1.000	1.000
QAAAMR0001	GS13	1.005	1.005
QAAABW0041	GS62	1.019	1.019
QAAALX0000	GS12	1.019	1.021
QAAABL0000	GBSB	1.000	1.000
3051844184	GS84	1.000	1.000
3051467399	GS86	1.004	1.006
QDDD000028	GS87	-	1.004
QCCC000020	GS82	1.006	1.007
QCCC000018	GS83	1.005	1.005
QAAABX0001	GS05	1.005	1.005

**Table A5: Ergon Energy's DLFs Embedded Generators**

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
QEEE000547	GS26	0.996	0.992
QEEE000026	GS55	0.984	0.976
QCQPW00076	GS49	0.909	0.952
QFFF000010	GS29	0.983	0.979
QFFF00000Z	GS30	0.983	0.979
QCCC001041	GS67	0.974	0.972
QDDD003206	GS71	0.999	1.002
QDDD003340	GBSB	1.000	1.000
QCCC001036	GS56	0.989	0.992
QMKYW00147	GBSB	1.000	1.000
QGGG000418	GS74	0.999	1.000
3051393689	GS76	0.947	0.960
QEEE000050	GS79	0.988	0.989
3051745577	GS80	0.985	0.988
3051532166	GS81	0.990	0.985

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

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
7102000028	XOCN	0.9868	0.9905

**Table A7: Capcoal Network's Embedded Generation DLF**

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
7102000033	XCCN	1.0043	0.9947

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

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
7102000038	XMCN	0.9918	0.9885



## Appendix B: Victoria Distribution Loss Factors for 2014/15

**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	1.0055	1.0112	1.0269	1.0427	1.0498
	Long Sub-transmission	1.0223	1.0280	1.0437	1.0594	1.0666
CitiPower	Short sub-transmission	1.0041	1.0120	1.0151	1.0365	1.0416
Powercor	Short sub-transmission	1.0042	1.0102	1.0360	1.0618	1.0701
	Long sub-transmission	1.0327	1.0387	1.0645	1.0903	1.0986
SP AusNet	Short sub-transmission	1.0055	1.0144	1.0365	1.0639	1.0714
	Long sub-transmission	1.0220	1.0310	1.0531	1.0804	1.0879
United Energy	Short sub-transmission	1.0043	1.0099	1.0162	1.0386	1.0517
	Long sub-transmission	1.0179	1.0234	1.0297	1.0521	1.0653

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
SP AusNet	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 2014/15
Jemena	VDDD000495	CVPC	1.0108
	6001280255	CAPA	1.0064
	VDDD000244	CFMC	1.0124
	VDDD000134	CAGP	1.0143
	6001001784	CAHH	1.0166
CitiPower	VAAA000673	ESS4	1.0183
Powercor	VCCCAF0002	KAF1	1.0007
	VCCCAF0001	KAF	1.0067
	VCCDA0031	KDA2	1.0017
	VCCCGD0001	KGD	1.0010
	VCCCGJ0001	KGJ	1.0019
	VCCDA0022	KDA	1.0018
	VCCCRD0007	KRD	1.0081
	VCCDA0025	KDA1	1.0082
	VCCAD0001	KAD	1.0135
	6203764760	KGK	1.0057
	VCCCSE0004	KSE	1.0512
	VCCCGE0019	KGE	1.0087
	VCCBC0025	KBC	1.0300
	VCCCTE0002	KTE	1.0490
	VCCCSB0012	KSB	1.0576
	6203803617	KBN	1.0084
	VCCCLD0024	KLD	1.0095
SP AusNet	VBBB000073	LL02	1.0054
	VBBB000161	LL05	1.0046
	VBBB000058	LL01	1.0135
	VBBB000096	LL03	1.0333
	VBBB000287	LL06	1.0528
United Energy	VEEE0PD8AD	MC05	1.0119
	VEEE0TF39Q	MC06	1.0116
	VEEE0BG4Q3	MC02	1.0153
	VEEE0NDNEX	MC04	1.0218
	6407799056	MC08	1.0160
	VEEE08KH3V	MC01	1.0078
	VEEE0C8AW1	MC03	1.0068
	VEEE0ATYTH	MC07	1.0165

**Table B3: Approved DLFs for large embedded generators**

DISTRIBUTOR	NMI	DLF CODES	DLF TO APPLY IN 2014/15
<b>Jemena</b>	6001264751	CSOG	0.9900
<b>Powercor</b>	6203661632	KCH	0.9722
	6203008782	KCF	1.0381
	6203690629	KYW	1.0381
	6203811032	KOH	0.8983
	6203829699	KML	0.9138
<b>SP AusNet</b>	6305010110	LG03	1.0590
	6305651897	LG03	1.0590
	6305656070	LG02	1.0379
	6305721689	LG07	1.0432
	VBBB002342	LG04	1.0190
	VMBTWZCLG1	LG05	0.9894
	VMBTWZCLG2	LG05	0.9894
	VTTSWZRUBX	LG06	1.0100
	6305908426	LG08	1.0354
	NA	LG09	1.0199
<b>United Energy</b>	6407649172	MG01	1.0100

## Appendix C: New South Wales Distribution Loss Factors for 2014/15

**Table C1: Endeavour Energy's DLFs for Tariff Classes**

TARIFF CLASS	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
132 kV Network	HNVL	1.0026	1.0032
Transmission Substation	HSTS	1.0060	1.0075
Subtransmission Network	HSTL	1.0113	1.0109
Zone Substation	HHVT	1.0125	1.0113
High Voltage Distribution Network	HHVL	1.0241	1.0175
Distribution Substation	HLVT	1.0570	1.0467
Low Voltage Network	HLVL	1.0694	1.0665

**Table C2: Endeavour Energy's DLFs for Embedded Generators**

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
NEEE000748	HTX2	0.9990	0.9981
NEEE000749	HTX3	1.0082	1.0078
NEEE000750	HTX4	1.0028	1.0024
4310951391	HNC1	0.9996	0.9994

**Table C3: Endeavour Energy's DLFs for CRNP Customers**

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
NEEE000003	HTX6	1.0113	1.0096
NEEE000005	HHY1	1.0121	1.0135
NEEE000006	HTY5	1.0368	1.0310
NEEE000014	HTY7	1.0154	1.0089
NEEE000032	HTY2	1.0040	1.0039
NEEE000046	HTV2	1.0021	1.0019
NEEE000049	HHV1	1.0102	1.0096
NEEE000066	HTY4	1.0289	1.0328
NEEE000506	HHY4	1.0144	1.0129

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
NEEE000707	HHY5	1.0297	1.0299
NEEE000758 NEEE000759 NEEE000760 NEEE000762 NEEE000764 NEEE000766 NEEE000768	HIC1   HTV4	1.0306   1.0044	1.0386   1.0037
4311061116 4311061119 NEEE001591	HTY3  HTX5	1.0076  1.0157	1.0072  1.0148
4311028276 4311028297	HHY3	1.0139	1.0108
NEEE001656	HTV1	1.0033	1.0043
4311021596 4311021597	HHY2	1.0101	1.0100
NEEE001892 NEEEW00001 NEEEW00002	HTX1  HTF1	1.0167  1.0009	1.0115  1.0007
NEEEW04150 NEEEW04151 NEEEW04152 NEEEW04153 NEEEW04154 NEEE005219	  HTF2   HTX8	  1.0070   1.0089	  1.0066   1.0087
NEEE000934 NEEE000013	HTX9  HTX7	1.0047  1.0113	1.0045  1.0045
4311019016 4311044309	HTY6	1.0051	1.0051

**Table C4: Essential Energy's Site Specific DLFs**

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
NAAA00AC11	BS33	1.1532	1.1335
4001161869	BS32	1507	1.1623
4001227465	BS56	1.0219	1.0135
4001224331	BS35	1.0219	1.0121
NTTTW0RU20	UNIT	1.0000	1.0000
NAAANRAB50	BS38	1.0191	1.0199
NAAA00AB64	BS40	1.1545	1.1368
NAAA00AC21	BS39	1.0301	1.0320
NAAANRAA01	BS41	1.1503	1.1325
NAAANRAA02	BS51	1.0097	1.0089
NTTTW0W110	UNIT	1.0000	1.0000
4001151659	BS43	1.0045	1.0005
NFFFNRKU39	BS44	0.9967	0.9889
4001175717	BS45	1.0397	1.0523
4508034707	BS46	1.0564	1.0530
4001223403	BS52	1.0650	1.0588
4001210762	BS48	0.9867	0.9917
4001231908	BS50	0.9893	0.9897
4001193201	BS02	0.9707	0.9698
4001185251	BS03	1.0070	0.9988
4001242173	BS53	1.0065	1.0065
4001246761	BS55	N/A	0.9915
4001251721	BS54	N/A	0.9885
4001258249	BS57	N/A	0.9987
4001241798	BS58	N/A	0.9940

**Table C5: Essential Energy's General DLFs**

CLASS OR NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
Low Voltage	BL0A, DLDL, DLD2, DLD6, DLGB, DLGD	1.0912	1.0924
LV & Metered at CE	BL5A	1.0583	1.0566
High Voltage Line	BH0A	1.0402	1.0350
High Voltage Substation	BH5A	1.0219	1.0202
Sub-transmission	BS0A	1.0160	1.0132

**Table C6: Ausgrid's DLFs for Tariff Classes**

TARIFF CODE	TARIFF CLASS	LOCATION	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15	DLF CODE
EA010	Residential Inclining Block	LV system	1.0644	1.0643	JLDL
EA025	Residential ToU	LV system	1.0555	1.0560	JL40
EA030	Controlled Load 1	LV system	1.0644	1.0643	JL1L
EA040	Controlled Load 2	LV system	1.0644	1.0643	JL2L
EA050	Small Business Inclining Block (Closed)	LV system	1.0558	1.0564	JLSL
EA225	Small Business ToU	LV system	1.0558	1.0564	JLSL
EA301	LV 40-160 MWh (Transition)	LV system	1.0558	1.0564	JLSL
EA302	LV 40-160 MWh (System)	LV system	1.0558	1.0564	JLSL
EA305	LV 160-750 MWh (System)	LV system	1.0558	1.0564	JLSL
EA310	LV >750 MWh (System)	LV system	1.0558	1.0564	JLSL
EA325	LV Connection (Standby Tariff)	LV system	1.0558	1.0564	JLSL
EA360	HV Connection (Standby Tariff)	HV system	1.0366	1.0189	JHSH
EA370	HV Connection (System)	HV system	1.0366	1.0189	JHSH
EA380	HV Connection (Substation)	HV substation	1.019	1.0140	JHBH
EA390	ST Connection	ST System	1.0125	1.0078	JSSS
EA401	Public Lighting	LV system	1.0826	1.0839	JLSP
EA402	Constant Unmetered	LV system	1.06	1.0613	JLSU
EA403	Energy Light	LV system	1.0826	1.0839	JLSP

**Table C7: Ausgrid's DLFs for CRNP Customers**

NMI	LOCATION	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/2015	DLF CODE
4103736926	33 kV system	1.0017	1.0019	J550
4103736927	33 kV system	1.0017	1.0019	J550
NCCCNREA06	33/11 kV substations	1.0227	1.0122	J660
NCCCZ01384	33/11 kV substations	1.0114	1.0125	J731
NCCCZ01085	33/11 kV substations	1.0218	1.0205	J732
4103748279	132 kV system	1	1.0000	J885
4103507254	33 kV system	1.0014	1.0021	JGLB
4103507266	33 kV system	1.0014	1.0021	JGLB
NCCCNRNP40	132 kV transmission	1	1.0000	JCAP
NCCCNRNP50	132 kV transmission	1	1.0000	JCAP
NCCCWRNP60	132 kV transmission	1	1.0000	JCAP
NCCCZ01251	33 kV system	1.025	1.0019	J881
4102016227	33 kV transmission	1	1.0005	JTOL
4102016252	33 kV transmission	1	1.0005	JTOL
4103770084	132 kV transmission	1	1.0011	J887
4103770085	132 kV transmission	1	1.0011	J886
NCCCZ01381	33 kV transmission	1	1.0010	J800
4103769153	33 kV system	1.0349	1.0038	J700
4103769154	33 kV system	1.0349	1.0038	J700
NCCCNRZ1BK	132/33 kV substations	1.0043	1.0203	J635
4103686298	66 kV system	1.0125	1.0078	JSSS
NCCCX00745	33 kV transmission	1	1.0000	J640
NCCCX00746	33 kV transmission	1	1.0000	J640
NCCCX00747	33 kV transmission	1	1.0000	J640
4103507347	132/33 kV substations	1.0042	1.0095	J601
NCCCNRZ1BM	132 kV system	1.0018	1.0023	J580
NCCCX00332	132/66 kV substations	1.0078	1.0002	J590
NCCCNRZZB0	132/33 kV substations	1.0067	1.0080	J610
NCCCX00750	33 kV transmission	1	1.0011	J620
NCCCX00751	33 kV transmission	1	1.0011	J620
NCCCX00752	33 kV transmission	1	1.0011	J620
NCCCX00753	33 kV transmission	1	1.0011	J620
NCCC007211	33 kV system	1.0066	1.0079	J605
NCCCNRZ1BQ	33 kV transmission	1	1.0000	J655
NCCCX00283	132/33 kV substations	1.0028	1.0034	J630
NCCCX00284	132/33 kV substations	1.0028	1.0034	J630
NCCCX00748	132/33 kV substations	1.0336	1.0048	J615
NCCCX00749	132/33 kV substations	1.0336	1.0048	J615
NCCCNRZ1BT	132/33 kV substations	1.0128	1.0015	J645
NCCCX00293	132/33 kV substations	1.0062	1.0081	J600
NCCCX00294	132/33 kV substations	1.0062	1.0081	J600
NCCC002902	66 kV system	1.0081	1.0059	JK23
NCCC002221	66 kV system	1.0086	1.0141	J500



NMI	LOCATION	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/2015	DLF CODE
NCCCZ01275	132/33 kV substations	1.0078	1.0018	J560
NCCCNREEK2	33 kV system	1.0065	1.0104	J541
4102030738	33 kV system	1.0066	1.0087	J543
4103628537	33 kV system	1.0066	1.0087	J543
NCCCNRCS90	HV system	1.0106	1.0110	J670
NCCCNRZ1XJ	66 kV system	1.009	1.0124	J680
NCCCNREA14	132/11 kV substations	1.0153	1.0126	J770
4103798233	66 kV system	1.0216	1.0161	J771
NCCCNREB57	33/11 kV substations	1.0242	1.0207	J772
NCCCNREB24	132/11 kV substations	1.0373	1.0371	J773
4103598315	132/66 kV substations	1.0156	1.0144	J774
NCCCNREE73	33 kV system	1.01	1.0166	J775
4103526370	132/66 kV substations	1.0129	1.0183	J776
NCCCNREB49	132/66 kV substations	1.0131	1.0101	J777
4103632682	33 kV system	1.0119	1.0187	J778
4103529698	66 kV system	1.0121	1.0203	J779
NCCCNRENB7	132/66 kV substations	1.0113	1.0153	J780
4103768912	132/33 kV substations		1.0040	J781
4103768913	132/33 kV substations		1.0040	J782
4103831536	132/11 kV substations		1.0031	J783

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

NMI	LOCATION	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15	DLF CODE
NCCC007498	33 kV system	1.0119	1.0079	JGEN
NCCCNRGB10	HV system	1.0379	1.0195	JK24
4103666631	33 kV system	1.0119	1.0079	JGEN
NCCCNRME11	33 kV system	1.0119	1.0079	JGEN
NCCCNRME10	33 kV system	1.0119	1.0079	JGEN
NCCC007441	132 kV system	1.0012	1.0010	JRED

**Table C9: One Steel's Embedded Network DLFs**

NMI	LOCATION	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15	DLF CODE
7102000008, 7102000009, 7102000010	11 kV	1.02413	1.02980	XON2

## Appendix D: ACT Distribution Loss Factors for 2014/15

**Table D1: ActewAGL's Distribution's DLFs**

CONNECTION	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
High Voltage	AH00	1.0293	1.0190
Low Voltage	AL00	1.0490	1.0438

**Table D2: ActewAGL's Site Specific DLFs**

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
NGGG000294	AS01	1.0071	1.0062
NGGG000269	AS02	1.0131	1.0119
7001194002	AS03	N/A	1.0282
7001197618	AS04	N/A	0.9999

## Appendix E: South Australia Distribution Loss Factors for 2014/15

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

CLASS	TARIFF	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
Low Voltage	Unmetered	NLV2	1.0770	1.0790
	Residential	NLV2	1.0770	1.0790
	Controlled Load (HW)	NLV2	1.0770	1.0790
	Business Single Rate	NLV2	1.0770	1.0790
	Business Two Rate	NLV2	1.0770	1.0790
Low Voltage T/F	LV Demand	NLV1	1.0615	1.0631
HV	HV Demand Two Rate	NHV1	1.0367	1.0377
Substation	Substation Non Loc	NZS1	1.0170	1.0174

**Table E2: SA Power Network's Site Specific DLFs**

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
2001000378	NBA1	1.0000	1.0010
2001000608	NAC2	1.0110	1.0110
2002112609	NKC4	1.0050	1.0100
2002133131	NGM2	1.0100	1.0070
2002213788	NHN1	1.0020	1.0020
2002213796	NHN2	1.0020	1.0020
2002216840	NDS1	1.0070	1.0080
2002217226	NDS2	1.0070	1.0080
2002246502	NDS2	1.0070	1.0080
2002257162	NRT1	1.0170	1.0040
2002257164	NRT1	1.0170	1.0040
SAAAAAA018	NPS1	1.0000	1.0000
SAAAAAA021	NPS3	1.0070	1.0070
SAAAAAA022	NGM1	1.0120	1.0090
SAAAAAA024	NAB1	1.0060	1.0060
SAAAAAA026	NAC1	1.0210	1.0210
SAAAAAA035	NGT1	1.0040	1.0060
SAAAAAA084	NOS1	1.0000	1.0000
SAAAAAA438	NIF1	1.0100	1.0100
SAAAAAB557	NOS2	1.0000	1.0010

**Table E3: SA Power Network's Embedded Generator DLFs**

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
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 2013/14	DLF TO APPLY IN 2014/15
2102000201	XRAG	1.0035	1.0033
2102000202	XRAG	1.0035	1.0033
2102000203	XRAG	1.0035	1.0033

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

NMI	DLF CODE	DLF APPLIED IN 2013/14	DLF TO APPLY IN 2014/15
2102000001	XOX1	1.056	1.056

## Appendix F: Tasmania Distribution Loss Factors for 2014/15

The AER has approved the following distribution loss factors for Tasmania for the 2014/15 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	1.0032	1.0032
Zone Substation	Hobart	PHZN	1.0020	1.0053
HV Distribution Network	Hobart	PHHV	1.0057	1.0110
Distribution Substation	Hobart	PHDS	1.0115	1.0226
LV Distribution Network	Hobart	PHLV	1.0085	1.0312

**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	1.0095	1.0095
Distribution Substation	Tamar	PTDS	1.0153	1.0249
LV Distribution Network	Tamar	PTLV	1.0223	1.0478

**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	1.0190	1.0190
Distribution Substation	East Coast	PEDS	1.0283	1.0478
LV Distribution Network	East Coast	PELV	1.0275	1.0767

**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	1.0193	1.0297
LV Distribution Network	North West	PNLV	1.0247	1.0551

**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	1.0201	1.0201
Distribution Substation	Derwent	PDDS	1.0261	1.0468
LV Distribution Network	Derwent	PDLV	1.0097	1.0569

**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	1.0000	1.0000
HV Distribution Network	Southern	PSHV	1.0128	1.0128
Distribution Substation	Southern	PSDS	1.0216	1.0347
LV Distribution Network	Southern	PSLV	1.0231	1.0586

**Table F7: TasNetworks' West Coast Region DLFs**

Distribution Network Level	Region	DLF Code	Section DLF	Cumulative DLF
Subtransmission Network	West Coast	PWST	1.0019	1.0019
Zone Substation	West Coast	PWZN	1.0037	1.0055
HV Distribution Network	West Coast	PWHV	1.0094	1.0149
Distribution Substation	West Coast	PWDS	1.0153	1.0305
LV Distribution Network	West Coast	PWLV	1.0070	1.0377

**Table F8: TasNetworks' Site Specific DLFs**

NMI	Region	DLF Code	DLF
8000000656	North West	PSPU	1.0036
8000003578	West Coast	PBSM	1.0119
8000003585	North West	PACH	1.0000
8000003868	West Coast	PHGM	1.0000
8000294155	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	Mick Ryan, Regulatory Affairs Manager - Operations	07 3664 4125
Ergon Energy Corporation Limited	Manager Regulatory Determination and Pricing	13 10 46
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	Matthew Serpell, Manager Network Pricing	03 9683 4469
SA Power Networks	James Bennett, Manager Regulation	08 8404 5261
SP AusNet	Kate Jdanova, Senior Regulatory Analyst	03 9695 6630
TasNetworks	Paul Connor, Distribution Loading Analyst	03 6237 3268
United Energy Distribution	Rodney Bray, Network Planning Manager	03 8846 9745