

DISTRIBUTION LOSS FACTORS FOR THE 2013 / 2014 FINANCIAL YEAR

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Version Control

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1.0	01/04/2013	Posted on the AEMO website in accordance with clause 3.6.3(i) of the National Electricity Rules.

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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 2013/14

The Queensland DLFs for the 2013/14 financial year were approved by the AER and are tabulated in Appendix A.

The Victorian DLFs for the 2013/14 financial year were approved by the AER and are tabulated in Appendix B.

The NSW DLFs for the 2013/14 financial year were approved by the AER and are tabulated in Appendix C.

The Australian Capital Territory DLFs for the 2013/14 financial year were approved by the AER and are tabulated in Appendix D.

The South Australian DLFs for the 2013/14 financial year were approved by the AER and are tabulated in Appendix E.

The Tasmanian DLFs for the 2013/14 financial year were approved by the AER and 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 2013/14

The AER has approved the following distribution loss factors for Queensland for the 2013/14 financial year.

Table A1: Energex's Average DLFs

NETWORK LEVEL	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
110 kV connected	FSSS	1.0061	1.0041
33 kV connected	F3CL	1.0181	1.0118
11 kV bus connected	F1ZH	1.0239	1.0166
11 kV line connected	F1CH	1.0325	1.0232
LV bus connected	F1CL	1.0463	1.0443
LV line connected	FLCL	1.0630	1.0643

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

NMI	DLF CODE	DLF APPLIED IN 2012/12	DLF TO APPLY IN 2013/14
QB02572591	FAPM	1.01460	1.01807
QB03674681	FCAL	1.00928	1.00921
QB03675327	FICT	1.00781	1.00865
QB00703630	FBCC	1.01381	1.01187
QB13708848	FBEP	1.00521	1.00967
QB13786415	FBOC	1.01474	1.01893
QB07156049	FBAC	1.01757	1.01692
3116941403	FAPB	1.00685	1.01780
3120007259	FLMD	1.01372	1.01800
QB03187888	FQCL	1.03448	1.03427
QB00011835	FCRL	1.04175	1.02545
QB03674151	FRBH	1.00892	1.01049
QB03674177	FQG	1.01473	1.01421
QB09709916	FQBH	1.00000	1.00025
QB09750568	FQB	1.00202	1.00363
QB05850851	FQBW	1.00042	1.00036
QB07417373	FQCB	1.00075	1.00029
QB03187390	FQC	1.00005	1.00004
QB07480580	FQL	1.00036	1.00026
QB12757888	FQR	1.00022	1.00046
3120090363	FQRS	1.00088	1.00066
QB08485399	FQT	1.00111	1.00175
3117476607	FQW	1.00058	1.00134
QB03675025	FPAH	1.00881	1.01142
3120001083	FRAF	1.00802	1.00418

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
QB03675297	FENG	-	1.00959
QMRGW00156	FSWP	1.00939	1.01167
QB09455507	FSC	1.01098	1.00809
QB07047011	FSTC	1.01157	1.01103
QB00702307	FSFT	1.03881	1.04859
QB08144664	FACI	1.06573	1.06520
3117267111	FTD	1.00682	1.00673
3116852575	FUQ1	1.00650	1.00775
3116852583	FUQ2	1.00620	1.00762
QB12021814	FVP	1.00996	1.00886
QB14097800	FRPT	1.01047	1.01110

Table A3: Ergon Energy's Tariff Class DLFs

NETWORK LEVEL	DLF APPLIED IN 2012/13			DLF TO APPLY IN 2013/14		
	East	West	MI	East	West	MI
Sub-Trans. Bus	1.007	1.044	1.001	1.007	1.060	1.002
Sub-Trans. Line	1.016	1.091	1.005	1.012	1.091	1.005
22/11kV Bus	1.018	1.097	1.008	1.014	1.098	1.008
22/11kV Line	1.038	1.133	1.036	1.033	1.132	1.036
LV Bus	1.077	1.185	1.057	1.073	1.173	1.057
LV Line	1.078	1.357	1.079	1.078	1.184	1.087

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 2012/13	DLF TO APPLY IN 2013/14
QDDD000005	GBSB	1.000	1.000
QAAALV0001	GBSB	1.000	1.000
QAAAMR0000	GBSB	1.000	1.000
QDDD000004	GS22	1.017	1.000
QAAABW0000	GBSB	1.000	1.000
QAAABW0002	GS02	1.005	1.004
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	1.007	1.003
QCCC000004	GS19	1.054	1.039
QCCC001004	GS60	1.046	1.034
QCCC000014	GS73	1.001	1.001
QCCC000002	GS18	1.004	1.004
QWAGW00033	GS66	1.010	1.011
QWAGW00066	GS65	1.010	1.011
QAAABW0001	GS51	1.003	1.004
QDDD000003	GS21	1.002	1.002
QAAALV0000	GBSB	1.000	1.000
QGGG000394	GS40	1.151	1.101
QAAABX0014	GS69	1.007	1.006
QEMS000001	GS64	1.008	1.008
QAAALV0002	GBSB	1.000	1.000
QCCC000003	GBSB	1.000	1.000
QCCC000012	GS85	1.064	1.070
QAAALV0004	GBSB	1.000	1.000
QAAABX0012	GS70	1.001	1.001
3051111985	GS06	1.012	1.007
QAAARG0000	GS14	1.006	1.004
QCCC700300	GBSB	1.000	1.000
QAAAMR0001	GS13	1.005	1.005
QAAABW0042	GS63	1.034	1.019
QAAABW0041	GS62	1.016	1.019
QAAALX0000	GS12	1.015	1.019
QAAABL0000	GBSB	1.000	1.000
QGGG000000	GBSB	1.000	1.000
3051844184	GS84	1.003	1.000
3051467399	GS86	1.049	1.004
QCCC000020	GS82	-	1.006

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
QCCC000018	GS83	-	1.005
QAAABX0001	GS05	1.008	1.005

Table A5: Ergon Energy's DLFs Embedded Generators

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
QEEE000547	GS26	0.996	0.996
QEEE000026	GS55	0.982	0.984
QCQPW00076	GS49	0.894	0.909
QFFF000010	GS29	0.973	0.983
QFFF00000Z	GS30	0.973	0.983
QCCC001041	GS67	0.974	0.974
QDDD003206	GS71	0.999	0.999
QDDD003340	GBSB	1.000	1.000
QCCC001036	GS56	0.989	0.989
QMKYW00147	GBSB	1.000	1.000
QGGG000418	GS74	1.005	0.999
3051393689	GS76	0.929	0.947
QEEE000050	GS79	0.991	0.988
3051745577	GS80	0.989	0.985
3051532166	GS81	0.986	0.990

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

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
7102000028	XOCN	0.9854	0.9868

Table A7: Capcoal Network's Embedded Generation DLF

NMI	DLF CODE	DLF TO APPLY IN 2012/13	DLF TO APPLY IN 2013/14
7102000033	XCCN	0.9956	1.0043

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

NMI	DLF CODE	DLF TO APPLY IN 2012/13	DLF TO APPLY IN 2013/14
7102000038	XMCN	0.9969	0.9918

Appendix B: Victoria Distribution Loss Factors for 2013/14

The AER has approved the following distribution loss factors for Victoria for the 2013/14 financial year.

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	1.0108	1.0264	1.0387	1.0451
	Long Sub-transmission	1.0178	1.0231	1.0386	1.0510	1.0574
CitiPower	Short sub-transmission	1.0040	1.0125	1.0156	1.0375	1.0426
Powercor	Short sub-transmission	1.0043	1.0106	1.0364	1.0621	1.0702
	Long sub-transmission	1.0319	1.0382	1.0640	1.0897	1.0978
SP AusNet	Short sub-transmission	1.0057	1.0170	1.0386	1.0648	1.0727
	Long sub-transmission	1.0212	1.0325	1.0541	1.0803	1.0881
United Energy	Short sub-transmission	1.0051	1.0112	1.0181	1.0388	1.0531
	Long sub-transmission	1.0197	1.0258	1.0327	1.0534	1.0677

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 2013/14
Jemena	VDDD000495	CVPC	1.0099
	6001280255	CAPA	1.0057
	VDDD000244	CFMC	1.0103
	VDDD000134	CAGP	1.0121
	VDDD000136	CAFP	1.0026
CitiPower	VAAA000673	ESS4	1.0188
Powercor	VCCCAF0002	KAF1	1.0008
	VCCCAF0001	KAF	1.0069
	VCCDA0031	KDA2	1.0011
	VCCCGD0001	KGD	1.0010
	VCCCGJ0001	KGJ	1.0018
	VCCDA0022	KDA	1.0014
	VCCCRD0007	KRD	1.0078
	VCCDA0025	KDA1	1.0078
	VCCCAD0001	KAD	1.0130
	6203764760	KGK	1.0061
	VCCCSE0004	KSE	1.0517
	VCCCGE0019	KGE	1.0087
	VCCBC0025	KBC	1.0307
	VCCCTE0002	KTE	1.0541
	VCCCSB0012	KSB	1.0564
	6203803617	KBN	1.0081
VCCCLD0024	KLD	1.0096	
SP AusNet	VBBB000073	LL02	1.0030
	VBBB000161	LL05	1.0059
	VBBB000058	LL01	1.0129
	VBBB000096	LL03	1.0381
United Energy	VEEE0PD8AD	MC05	1.0112
	VEEE0TF39Q	MC06	1.0130
	VEEE0BG4Q3	MC02	1.0184
	VEEE0NDNEX	MC04	1.0249
	6407799056	MC08	1.0179
	VEEE08KH3V	MC01	1.0087
	VEEE0C8AW1	MC03	1.0067
	VEEE0ATYTH	MC07	1.0207

Table B3: Approved DLFs for large embedded generators

DISTRIBUTOR	GENERATOR	NMI	DLF CODES	DLF TO APPLY IN 2013/14
Jemena	Somerton Power Station	6001264751	CSOG	0.9874
Powercor	Challicum Hills Wind Farm	6203661632	KCH	0.9717
	Codrington Wind Farm	6203008782	KCF	1.0372
	Yambuk Wind Farm	6203690629	KYW	1.0372
	Oaklands Hill Wind Farm	6203811032	KOH	0.9052
	Morton's Lane Wind Farm	6203829699	KML	0.9205
SP AusNet	Alinta No. 1 Generator at Bairnsdale	6305010110	LG03	1.0899
	Alinta No. 2 Generator at Bairnsdale	6305651897	LG03	1.0899
	Toora Wind Farm	6305656070	LG02	1.0580
	Wonthaggi Wind Farm	6305721689	LG07	1.0529
	Esso Longford Generator	VBBB002342	LG04	1.0839
	Clover Power Station 1	VMBTWZCLG1	LG05	0.9921
	Clover Power Station 2	VMBTWZCLG2	LG05	0.9921
	Rubicon Group of Generators	VTTSWZRUBX	LG06	1.0184
United Energy	Energy Developments Ltd Clayton Generator	6407649172	MG01	1.0112

Appendix C: New South Wales Distribution Loss Factors for 2013/14

The AER has approved the following distribution loss factors for NSW for the 2013/14 financial year.

Table C1: Endeavour Energy's DLFs for Tariff Classes

TARIFF CLASS	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
132 kV Network	HNVL	1.0034	1.0026
Transmission Substation	HSTS	1.0088	1.0060
Subtransmission Network	HSTL	1.0148	1.0113
Zone Substation	HHVT	1.0157	1.0125
High Voltage Distribution Network	HHVL	1.0274	1.0241
Distribution Substation	HLVT	1.0631	1.0570
Low Voltage Network	HLVL	1.0770	1.0694

Table C2: Endeavour Energy's DLFs for Embedded Generators

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
NEEE000748	HTX2	0.9991	0.9990
NEEE000749	HTX3	0.9986	1.0082
NEEE000750	HTX4	1.0039	1.0028
4310951391	HNC1	0.9986	0.9996

Table C3: Endeavour Energy's DLFs for CRNP Customers

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
NEEE000003	HSTL	1.0148	1.0113
NEEE000005	HHY1	1.0119	1.0121
NEEE000006	HTY5	1.0255	1.0368
NEEE000014	HTY7	1.0166	1.0154
NEEE000032	HTY2	1.0079	1.0040
NEEE000046	HTV2	1.0027	1.0021
NEEE000049	HHV1	1.0078	1.0102
NEEE000066	HTY4	1.0354	1.0289
NEEE000506	HHY4	1.0125	1.0144

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
NEEE000707	HHY5	1.0329	1.0297
NEEE000758 NEEE000759	HIC1	1.0334	1.0306
NEEE000760 NEEE000762 NEEE000764 NEEE000766 NEEE000768	HTV4	1.0149	1.0044
4311061116 4311061119 4311061121 4311061122	HTY3	1.0089	1.0076
NEEE000881	HSTL	1.0148	1.0113
NEEE001591	HTX5	1.0083	1.0157
4311028276 4311028297	HHY3	1.0160	1.0139
NEEE001656	HTV1	1.0048	1.0033
4311021596 4311021597	HHY2	1.0179	1.0101
NEEE001892	HTX1	1.0111	1.0167
NEEE004637 NEEE004639	HHVT	1.0157	1.0125
NEEEW00001 NEEEW00002	HTF1	1.0010	1.0009
NEEEW04150 NEEEW04151 NEEEW04152 NEEEW04153 NEEEW04154	HTF2	1.0091	1.0070
4310983756 4310983779	HHVL	1.0274	1.0241
NEEE005219	HTX8	1.0116	1.0089
NEEE000934	HTX9	1.0085	1.0047
NEEE000013	HSTL	1.0046	1.0113
4311019016 4311044309	HTY6	1.0132	1.0051

Table C4: Essential Energy's Site Specific DLFs

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
NAAA00AC11	BS33	1.1503	1.1532
4001161869	BS32	1.1626	1.1507
4001227465	BS35	1.0231	1.0219
4001224331	BS35	1.0231	1.0219
NTTTW0RU20	UNIT	1.0000	1.0000
NAAANRAB50	BS38	1.0193	1.0191
NAAA00AB64	BS40	1.1025	1.1545
NAAA00AC21	BS39	1.0179	1.0301
NAAANRAA01	BS41	1.1293	1.1503
NAAANRAA02	BS51	1.0233	1.0097
NTTTW0W110	UNIT	1.0000	1.0000
4001151659	BS43	0.9991	1.0045
NFFFNRKU39	BS44	0.9976	0.9967
4001175717	BS45	1.0813	1.0397
4508034707	BS46	1.0499	1.0564
4001223403	BS52	1.0525	1.0650
4001210762	BS48	0.9872	0.9867
4001231908	BS50	0.9859	0.9893
4001193201	BS02	0.9761	0.9707
4001185251	BS03	1.0134	1.0070
4001242173	BS53	1.0087	1.0065

Table C5: Essential Energy's General DLFs

CLASS OR NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
Low Voltage	BL0A, DLDL, DLD2, DLD6, DLGB, DLGD	1.0996	1.0912
LV & Metered at CE	BL5A	1.0492	1.0583
High Voltage Line	BH0A	1.0440	1.0402
High Voltage Substation	BH5A	1.0164	1.0219
Sub-transmission	BS0A	1.0139	1.0160

Table C6: Ausgrid's DLFs for Tariff Classes

TARIFF CODE	TARIFF CLASS	LOCATION	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14	DLF CODE
EA010	LV Res non-TOU (Closed)	LV system	1.0643	1.0644	JLDL
EA025	LV Res <40 MWh (System)	LV system	1.0555	1.0555	JL40
EA030	Controlled Load 1	LV system	1.0643	1.0644	JL1L
EA040	Controlled Load 2	LV system	1.0643	1.0644	JL2L
EA050	LV Bus non-TOU (Closed)	LV system	1.0565	1.0558	JLSL
EA225	LV Bus <40 MWh (System)	LV system	1.0565	1.0558	JLSL
EA301	LV 40-160 MWh (Transition)	LV system	1.0565	1.0558	JLSL
EA302	LV 40-160 MWh (System)	LV system	1.0565	1.0558	JLSL
EA305	LV 160-750 MWh (System)	LV system	1.0565	1.0558	JLSL
EA310	LV >750 MWh (System)	LV system	1.0565	1.0558	JLSL
EA325	LV Connection (Standby Tariff)	LV system	1.0565	1.0558	JLSL
EA360	HV Connection (Standby Tariff)	HV system	1.0351	1.0366	JHSH
EA370	HV Connection (System)	HV system	1.0351	1.0366	JHSH
EA380	HV Connection (Substation)	HV substation	1.0183	1.0190	JHBH
EA390	ST Connection	ST System	1.0123	1.0125	JSSS
EA401	Public Lighting	LV system	1.0858	1.0826	JLSP
EA402	Constant Unmetered	LV system	1.0615	1.0600	JLSU
EA403	Energy-Light	LV system	1.0858	1.0826	JLSP

Table C7: Ausgrid's DLFs for CRNP Customers

NMI	LOCATION	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/2014	DLF CODE
4103736926	33 kV system	1.0015	1.0017	J550
4103736927	33 kV system	1.0015	1.0017	J550
NCCCNREA06	33/11 kV substations	1.0222	1.0227	J660
NCCCZ01384	33/11 kV substations	1.0122	1.0114	J731
NCCCZ01085	33/11 kV substations	1.0128	1.0218	J732
4103748279	132 kV system	1.0000	1.0000	J885
4103507254	33 kV system	1.0013	1.0014	JGLB
4103507266	33 kV system	1.0013	1.0014	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	1.0315	1.0250	J881
4102016227	33 kV transmission	1.0000	1.0000	JTOL
4102016252	33 kV transmission	1.0000	1.0000	JTOL
4103770084	132 kV transmission	1.0000	1.0000	J887
4103770085	132 kV transmission	1.0000	1.0000	J886
NCCCZ01381	33 kV transmission	1.0000	1.0000	J800
4103769153	33 kV system	1.0387	1.0349	J700
4103769154	33 kV system	1.0387	1.0349	J700
NCCCNRZ1BK	132/33 kV substations	1.0050	1.0043	J635
4103686298	66 kV system	1.0123	1.0125	JSSS
NCCCX00745	33 kV transmission	1.0000	1.0000	J640
NCCCX00746	33 kV transmission	1.0000	1.0000	J640
NCCCX00747	33 kV transmission	1.0000	1.0000	J640
4103507347	132/33 kV substations	1.0059	1.0042	J601
NCCCNRZ1BM	132 kV system	1.0019	1.0018	J580
NCCCX00332	132/66 kV substations	1.0076	1.0078	J590
NCCCNRZZB0	132/33 kV substations	1.0065	1.0067	J610
NCCCX00750	33 kV transmission	1.0000	1.0000	J620
NCCCX00751	33 kV transmission	1.0000	1.0000	J620
NCCCX00752	33 kV transmission	1.0000	1.0000	J620
NCCCX00753	33 kV transmission	1.0000	1.0000	J620
NCCC007211	33 kV system	1.0071	1.0066	J605
NCCCNRZ1BQ	33 kV transmission	1.0000	1.0000	J655
NCCCX00283	132/33 kV substations	1.0028	1.0028	J630
NCCCX00284	132/33 kV substations	1.0028	1.0028	J630
NCCCX00748	132/33 kV substations	1.0288	1.0336	J615
NCCCX00749	132/33 kV substations	1.0288	1.0336	J615
NCCCNRZ1BT	132/33 kV substations	1.0133	1.0128	J645
NCCCX00293	132/33 kV substations	1.0060	1.0062	J600
NCCCX00294	132/33 kV substations	1.0060	1.0062	J600
NCCC002902	66 kV system	1.0119	1.0081	JK23
NCCC002221	66 kV system	1.0103	1.0086	J500

NMI	LOCATION	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/2014	DLF CODE
NCCCZ01275	132/33 kV substations	1.0072	1.0078	J560
NCCCNREEK2	33 kV system	1.0066	1.0065	J541
4102030738	33 kV system	1.0064	1.0066	J543
4103628537	33 kV system	1.0064	1.0066	J543
NCCCNRCS90	HV system	1.0093	1.0106	J670
NCCCNRZ1XJ	66 kV system	1.0172	1.0090	J680
NCCCNREA14	132/11 kV substations	1.0351	1.0153	J770
4103798233	66 kV system	1.0351	1.0216	J771
NCCCNREB57	33/11 kV substations	1.0351	1.0242	J772
NCCCNREB24	132/11 kV substations	1.0351	1.0373	J773
4103598315	132/66 kV substations	1.0123	1.0156	J774
NCCCNREE73	33 kV system	1.0123	1.0100	J775
4103526370	132/66 kV substations	1.0123	1.0129	J776
NCCCNREB49	132/66 kV substations	1.0123	1.0131	J777
4103632682	33 kV system	1.0123	1.0119	J778
4103529698	66 kV system	1.0123	1.0121	J779
NCCCNRENB7	132/66 kV substations	1.0123	1.0113	J780

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

NMI	LOCATION	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/2014	DLF CODE
NCCC007498	33 kV system	1.0113	1.0119	JGEN
NCCCNRGB10	HV system	1.0363	1.0379	JK24
4103666631	33 kV system	1.0113	1.0119	JGEN
NCCCNRME11	33 kV system	1.0113	1.0119	JGEN
NCCCNRME10	33 kV system	1.0113	1.0119	JGEN
NCCC007441	132 kV system	1.0012	1.0012	JRED

Table C9: One Steel's Embedded Network DLFs

NMI	LOCATION	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14	DLF CODE
7102000008, 7102000009, 7102000010	11 kV	1.02222	1.02413	XON2

Appendix D: ACT Distribution Loss Factors for 2013/14

The AER has approved the following distribution loss factors for the ACT for the 2013/14 financial year.

Table D1: ActewAGL's Distribution's DLFs

CONNECTION	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
High Voltage	AH00	1.0304	1.0293
Low Voltage	AL00	1.0508	1.0490

Table D2: ActewAGL's Site Specific DLFs

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
NGGG000294	AS01	-	1.0071
NGGG000269	AS02	-	1.0131

Appendix E: South Australia Distribution Loss Factors for 2013/14

The AER has approved the following distribution loss factors for South Australia for the 2013/14 financial year.

Table E1: ETSA's Distribution Connection Point Class DLFs

CLASS	TARIFF	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
Low Voltage	Unmetered	NLV2	1.0800	1.0770
	Residential	NLV2	1.0800	1.0770
	Controlled Load (HW)	NLV2	1.0800	1.0770
	Business Single Rate	NLV2	1.0800	1.0770
	Business Two Rate	NLV2	1.0800	1.0770
Low Voltage T/F	LV Demand	NLV1	1.0639	1.0615
HV	HV Demand Two Rate	NHV1	1.0381	1.0367
Substation	Substation Non Loc	NZS1	1.0177	1.0170

Table E2: ETSA's Site Specific DLFs

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
2001000378	NBA1	1.0000	1.0000
2001000608	NAC2	1.0110	1.0110
2002112609	NKC4	1.0050	1.0050
2002133131	NGM2	1.0100	1.0100
2002213788	NHN1	1.0020	1.0020
2002213796	NHN2	1.0020	1.0020
2002216840	NDS1	1.0070	1.0070
2002217226	NDS2	1.0070	1.0070
2002246502	NDS2	1.0070	1.0070
SAAAAAA018	NPS1	1.0000	1.0000
SAAAAAA021	NPS3	1.0070	1.0070
SAAAAAA022	NGM1	1.0120	1.0120
SAAAAAA024	NAB1	1.0060	1.0060
SAAAAAA026	NAC1	1.0210	1.0210
SAAAAAA035	NGT1	1.0040	1.0040
SAAAAAA084	NOS1	1.0000	1.0000
SAAAAAA438	NIF1	1.0100	1.0100
SAAAAAB557	NOS2	1.0000	1.0000

Table E3: ETSA's Embedded Generator DLFs

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
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 2012/13	DLF TO APPLY IN 2013/14
2102000201	XRAG	1.0029	1.0035
2102000202	XRAG	1.0029	1.0035
2102000203	XRAG	1.0029	1.0035

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

NMI	DLF CODE	DLF APPLIED IN 2012/13	DLF TO APPLY IN 2013/14
2102000001	XOX1	1.056	1.056

Appendix F: Tasmania Distribution Loss Factors for 2013/14

The AER has approved the following distribution loss factors for Tasmania for the 2013/14 financial year.

Aurora Energy 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: Aurora Energy's Hobart Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Excluding Non-Technical Losses)	Cumulative DLF (Including Non-Technical Losses)
Subtransmission Network	Hobart	PHST	1.0039	1.0039
Zone Substation	Hobart	PHZN	1.0020	1.0060
HV Distribution Network	Hobart	PHHV	1.0057	1.0117
Distribution Substation	Hobart	PHDS	1.0170	1.0348
LV Distribution Network	Hobart	PHLV	1.0267	1.0625

Table F2: Aurora Energy's Tamar Region (incorporating Launceston) DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Excluding Non-Technical Losses)	Cumulative DLF (Including Non-Technical Losses)
Subtransmission Network	Tamar	PTST	1.0000	1.0000
Zone Substation	Tamar	PTZN	1.0000	1.0000
HV Distribution Network	Tamar	PTHV	1.0119	1.0119
Distribution Substation	Tamar	PTDS	1.0187	1.0366
LV Distribution Network	Tamar	PTLV	1.0267	1.0643

Table F3: Aurora Energy's East Coast Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Excluding Non-Technical Losses)	Cumulative DLF (Including Non-Technical Losses)
Subtransmission Network	East Coast	PEST	1.0000	1.0000
Zone Substation	East Coast	PEZN	1.0000	1.0000
HV Distribution Network	East Coast	PEHV	1.0191	1.0191
Distribution Substation	East Coast	PEDS	1.0345	1.0602
LV Distribution Network	East Coast	PELV	1.0267	1.0886

Table F4: Aurora Energy's North West Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Excluding Non-Technical Losses)	Cumulative DLF (Including Non-Technical Losses)
Subtransmission Network	North West	PNST	1.0000	1.0000
Zone Substation	North West	PNZN	1.0000	1.0000
HV Distribution Network	North West	PNHV	1.0119	1.0119
Distribution Substation	North West	PNDP	1.0254	1.0448
LV Distribution Network	North West	PNLV	1.0267	1.0727

Table F5: Aurora Energy's Derwent Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Excluding Non-Technical Losses)	Cumulative DLF (Including Non-Technical Losses)
Subtransmission Network	Derwent	PDST	1.0000	1.0000
Zone Substation	Derwent	PDZN	1.0000	1.0000
HV Distribution Network	Derwent	PDHV	1.0141	1.0141
Distribution Substation	Derwent	PDDP	1.0314	1.0517
LV Distribution Network	Derwent	PDLV	1.0267	1.0798

Table F6: Aurora Energy's Southern Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Excluding Non-Technical Losses)	Cumulative DLF (Including Non-Technical Losses)
Subtransmission Network	Southern	PSST	1.0000	1.0000
Zone Substation	Southern	PSZN	1.0000	1.0000
HV Distribution Network	Southern	PSHV	1.0227	1.0227
Distribution Substation	Southern	PSDP	1.0333	1.0625
LV Distribution Network	Southern	PSLV	1.0267	1.0909

Table F7: Aurora Energy's West Coast Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Excluding Non-Technical Losses)	Cumulative DLF (Including Non-Technical Losses)
Subtransmission Network	West Coast	PWST	1.0043	1.0043
Zone Substation	West Coast	PWZN	1.0027	1.0070
HV Distribution Network	West Coast	PWHV	1.0095	1.0165
Distribution Substation	West Coast	PWDP	1.0240	1.0578
LV Distribution Network	West Coast	PWLV	1.0267	1.0861

Table F8: Aurora Energy’s Site Specific DLFs

NMI	Region	DLF Code	DLF
8000000656	North West	PSPU	1.0029
8000003578	West Coast	PBSM	1.0137
8000003585	North West	PACH	1.0000
8000003868	West Coast	PHGM	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
Aurora Energy	Leigh Mayne	03 6270 3691
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
ETSA Utilities	James Bennett, Manager Regulation	08 8404 5261
Jemena	Gabriel Wan, Manager Network Planning & Development	03 8544 9615
OneSteel Ltd	Gary Elsley, Lead Electrical Engineer	02 4935 4910
Powercor Australia Ltd and CitiPower Pty	Matthew Serpell, Manager Network Pricing	03 9683 4469
SP AusNet	Kate Jdanova, Senior Regulatory Analyst	03 9695 6630
United Energy Distribution	Rodney Bray, Network Planning Manager	03 8846 9745