DISTRIBUTION LOSS FACTORS FOR THE 2011 / 2012 FINANCIAL YEAR

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PREPARED FOR:	National Electricity Market
DOCUMENT NO:	N/A
VERSION NO:	4.0
EFFECTIVE DATE:	September 2011

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Version Control

VERSION	DATE	DETAILS
1.0	01/04/2011	Posted on the AEMO website in accordance with clause 3.6.3(i) of the National Electricity Rules.
2.0	18/04/2011	Amended DLF Value for DLF code FAPL to 1.01064. General review of table descriptions.
3.0	23/08/2011	Removed NMI NCCCWRNZ00 and NCCCWRNY80 from Table C7. Added NMI 4001231908 for DLF Code BS50 in Table C4. Added Oaklands Hill Wind Farm to DLF Code KOH in Table B3. Removed NMI NCCC002564 and added NMI's 4103736926 and 4103736927 from Table C7.
4.0	13/09/2011	Amended DLF Value for DLF code KOH to 0.9342 in Table B3 NMI correction for Codrington Wind Farm in Table B3. NMI correction for DLF code FQRS in Table A2.

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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 2011/12

The Queensland DLFs for the 2011/12 financial year were approved by the AER and are tabulated in Appendix A.

The Victorian DLFs for the 2011/12 financial year were approved by the AER and are tabulated in Appendix B.

The NSW DLFs for the 2011/12 financial year were approved by the AER and are tabulated in Appendix C.

The Australian Capital Territory DLFs for the 2011/12 financial year were approved by the AER and are tabulated in Appendix D.

The South Australian DLFs for the 2011/12 financial year were approved by the AER and are tabulated in Appendix E.

The Tasmanian DLFs for the 2011/12 financial year were approved by the AER and are tabulated in Appendix F.

Appendix G contains a contact for the AER. Any questions regarding distribution connection points and DLFs should be referred to this contact.

Appendix A: Queensland Distribution Loss Factors for 2011/12

The AER has approved the following distribution loss factors for Queensland for the 2011/12 financial year.

Table A1: Energex's Average DLFs

NETWORK LEVEL	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
110 kV connected	FSSS	1.0058	1.0060
33 kV connected	F3CL	1.0173	1.0178
11 kV bus connected	F1ZH	1.0230	1.0236
11 kV line connected	F1CH	1.0314	1.0321
LV bus connected	F1CL	1.0492	1.0466
LV line connected	FLCL	1.0709	1.0642

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

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
3120041782	FAPL	1.01188	1.01064
QB02572591	FAPM	1.02371	1.01352
QB03674681	FCAL	1.00962	1.00788
QB03675327	FICT	1.01054	1.00797
QB00703630	FBCC	1.01525	1.01300
QB13708848	FBEP	N/A	1.01030
QB13786415	FBOC	1.01888	1.01443
QB07156049	FBAC	1.03121	1.02223
3116941403	FAPB	1.02414	1.01588
3120007259	FLMD	1.02163	1.01637
QB03187888	FQCL	1.04548	1.03437
QB00011835	FCRL	1.03396	1.04038
QB03674151	FRBH	1.00945	1.01300
QB03674177	FQG	1.01745	1.01403
QB09709916	FQBH	1.00117	1.00026
QB09750568	FQB	1.00000	1.00404
QB05850851	FQBW	1.00000	1.00155
QB07417373	FQCB	1.00053	1.00051
QB03187390	FQC	1.00002	1.00307
QB07480580	FQL	1.00061	1.00087
QB12757888	FQR	1.00096	1.00028
3120090363	FQRS	1.00028	1.00024
QB08485399	FQT	1.00000	1.00137
3117476607	FQW	1.00005	1.00055
QB03675025	FPAH	1.00959	1.00944
3120001083	FRAF	1.00222	1.00235
QMRGW00156	FSWP	1.00987	1.00805
QB09455507	FSC	1.01927	1.01720
QB07047011	FSTC	1.01254	1.01026
QB00702307	FSFT	N/A	1.03596

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
QB08144664	FACI	1.07962	1.06611
3117267111	FTD	1.00822	1.00937
3116852575	FUQ1	1.00688	1.00766
3116852583	FUQ2	1.00627	1.00716
QB12021814	FVP	1.01134	1.00689
QB10995285	FHPR	1.15299	1.15949
QB14097800	FRPT	1.00066	1.01002

Table A3: Ergon Energy's Tariff Class DLFs

NETWORK LEVEL	DLF APPLIED IN 2010/11			DLF TO APPLY IN 2011/12		
	East	West	MI	East	West	MI
Sub-Trans. Bus	1.008	1.006	1.000	1.007	1.019	1.001
Sub-Trans. Line	1.018	1.062	1.006	1.018	1.072	1.007
22/11kV Bus	1.019	1.068	1.009	1.019	1.077	1.010
22/11kV Line	1.034	1.109	1.038	1.038	1.118	1.038
LV Bus	1.068	1.147	1.058	1.070	1.157	1.057
LV Line	1.069	1.251	1.180	1.072	1.302	1.073

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 2010/11	DLF TO APPLY IN 2011/12
QDDD000005	GBSB	1.000	1.000
QAAALV0001	GBSB	1.000	1.000
QAAAMR0000	GBSB	1.000	1.000
QDDD000002	GBSB	1.000	1.000
QDDD000004	GS22	1.008	1.005
QAAABW0000	GBSB	1.000	1.000
QAAABW0002	GS02	1.007	1.000
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	1.022	1.010
QCCC000004	GS19	1.056	1.044
QCCC001004	GS60	1.048	1.044
QCCC000014	GS73	1.005	1.001
QCCC000002	GS18	1.003	1.003
QWAGW00033	GS66	1.009	1.010
QWAGW00066	GS65	1.009	1.010
QAAABW0001	GS51	1.003	1.005
QDDD000003	GS21	1.003	1.002

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
QAAALV0000	GBSB	1.000	1.000
QGGG000394	GS40	1.178	1.154
QAAABX0014	GS69	1.007	1.007
QEMS000001	GS64	1.014	1.009
QAAALV0002	GBSB	1.000	1.000
QCCC000003	GBSB	1.000	1.000
QAAALV0004	GBSB	1.000	1.000
QAAABX0012	GS70	1.001	1.001
QAAABX0002	GS06	1.013	1.013
QAAARG0000	GS14	1.004	1.004
QCCC700300	GBSB	1.000	1.000
QAAAMR0001	GS13	1.003	1.000
QAAABW0042	GS63	1.037	1.033
QAAABW0041	GS62	1.015	1.015
QAAALX0000	GS12	1.021	1.014
QAAABL0000	GBSB	1.000	1.000
QAAABX0001	GS05	1.008	1.008

Table A5: Ergon Energy's DLFs Embedded Generators

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
QEEE000547	GS26	0.996	0.997
QEEE000026	GS55	0.979	0.977
QCQPW00076	GS49	0.962	0.956
QFFF000010	GS29	0.979	0.958
QFFF00000Z	GS30	0.979	0.958
QCCC001041	GS67	0.973	0.973
QDDD003206	GS71	0.997	0.999
QDDD003340	GBSB	1.000	1.000
QCCC001036	GS56	0.987	0.987
QMKYW00147	GBSB	1.000	1.000
QGGG000418	GS74	1.001	1.002
3051393689	GS76	0.921	0.950
QEEE000050	GS79	0.983	0.980
3050922955	GS78	0.994	0.978
3050922963	GS78	0.994	0.978

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

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
7102000028	XOCN	0.9989	0.9871

Table A7: Capcoal Network's Embedded Generation DLF

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
7102000033	XCCN	0.9951	1.0019

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

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
7102000038	XMCN	0.9876	0.9888

Appendix B: Victoria Distribution Loss Factors for 2011/12

The AER has approved the following distribution loss factors for Victoria for the 2011/12 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	1.0056	1.0110	1.0265	1.0389	1.0454
	Long Sub-transmission	1.0266	1.0319	1.0474	1.0598	1.0663
CitiPower	Short sub-transmission	1.0035	1.0113	1.0160	1.0387	1.0438
Powercor	Short sub-transmission	1.0047	1.0112	1.0360	1.0612	1.0695
	Long sub-transmission	1.0332	1.0397	1.0645	1.0897	1.0980
SP AusNet	Short sub-transmission	1.0044	1.0122	1.0341	1.0555	1.0632
	Long sub-transmission	1.0390	1.0469	1.0687	1.0902	1.0979
United Energy	Short sub-transmission	1.0051	1.0115	1.0187	1.0410	1.0548
	Long sub-transmission	1.0274	1.0338	1.0410	1.0633	1.0771

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 2011/12
Jemena	VDDD000495	CVPC	1.0102
	6001280255	CAPA	1.0057
	VDDD000244	CFMC	1.0114
	VDDD000134	CAGP	1.0133
	VDDD000136	CAFP	1.0029
CitiPower	VAAA000431	ESS1	1.0165
	VAAA000673	ESS4	1.0172
Powercor	VCCCAF0002	KAF1	1.0007
	VCCCAF0001	KAF	1.0063
	VCCCDA0031	KDA2	1.0010
	VCCCGD0001	KGD	1.0009
	VCCCGJ0001	KGJ	1.0020
	VCCCDA0022	KDA	1.0013
	VCCCRD0007	KRD	1.0117
	VCCCDA0025	KDA1	1.0084
	VCCCAB0003	KAB	1.0158
	VCCCAD0001	KAD	1.0122
	6203764760	KGK	1.0087
	VCCCSE0004	KSE	1.0538
	VCCCGE0019	KGE	1.0085
	VCCCBC0025	KBC	1.0353
	VCCCTE0002	KTE	1.0565
	VCCCSB0012	KSB	1.0542
	6203803617	KBN	1.0127
	VCCCBF0010	KBF	1.0433
	VCCCLD0024	KLD	1.0097
SP AusNet	VBBB000073	LL02	1.0033
	VBBB000161	LL05	1.0090
	VBBB000058	LL01	1.0213
	VBBB000096	LL03	1.0525
United Energy	VEEE0PD8AD	MC05	1.0124
	VEEE0TF39Q	MC06	1.0142
	VEEE0BG4Q3	MC02	1.0214
	VEEE0NDNEX	MC04	1.0254
	VEEE08KH3V	MC01	1.0091
	VEEE0C8AW1	MC03	1.0050

Table B3: Approved DLFs for large embedded generators

DISTRIBUTOR	GENERATOR	NMI	DLF CODES	DLF TO APPLY IN 2011/12
Jemena	Somerton Power Station	6001264751	CSOG	0.9921
Powercor	Challicum Hills Wind Farm	6203661632	KCH	0.9820
	Codrington Wind Farm	6203008782	KCF	1.0342
	Yambuk Wind Farm	6203690629	KYW	1.0342
	Oaklands Hill Wind Farm	6203811032	KOH	0.9342
SP AusNet	Alinta No. 1 Generator at Bairnsdale	6305010110	LG03	1.0528
	Alinta No. 2 Generator at Bairnsdale	6305651897	LG03	1.0528
	Toora Wind Farm	6305656070	LG02	1.0771
	Wonthaggi Wind Farm	6305721689	LG07	1.0718
	Esso Longford Generator	VBBB002342	LG04	1.0795
	Clover Power Station 1	VMBTWZCLG1	LG05	0.9886
	Clover Power Station 2	VMBTWZCLG2	LG05	0.9886
	Rubicon Group of Generators	VTTSWZRUBX	LG06	1.0343
United Energy	Energy Developments Ltd Clayton Generator	6407649172	MG01	1.0114

Appendix C: New South Wales Distribution Loss Factors for 2011/12

The AER has approved the following distribution loss factors for NSW for the 2011/12 financial year.

Table C1: Endeavour Energy's DLFs for Tariff Classes

TARIFF CLASS	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
132 kV Network	HNVL	1.0032	1.0036
Transmission Substation	HSTS	1.0088	1.0092
Subtransmission Network	HSTL	1.0143	1.0149
Zone Substation	HHVT	1.0148	1.0159
High Voltage Distribution Network	HHVL	1.0305	1.0263
Distribution Substation	HLVT	1.0611	1.0585
Low Voltage Network	HLVL	1.0842	1.0803

Table C2: Endeavour Energy's DLFs for Embedded Generators

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
NEEE000748	HTX2	1.0001	1.0008
NEEE000749	HTX3	0.9994	0.9954
NEEE000750	HTX4	1.0010	1.0004
4310951391	HNC1	1.0173	0.9982

Table C3: Endeavour Energy's DLFs for CRNP Customers

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
NEEE000003	HTX6	1.0203	1.0198
NEEE000005	HHY1	1.0127	1.0120
NEEE000006	HTY5	1.0263	1.0258
NEEE000014	HTY7	1.0193	1.0142
NEEE000032	HTY2	1.0075	1.0079
NEEE000046	HTV2	1.0033	1.0026
NEEE000049	HHV1	1.0072	1.0080
NEEE000066	HTY4	1.0372	1.0377
NEEE000506	HHY4	1.0145	1.0090
NEEE000707	HHY5	1.0333	1.0341

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
NEEE000758	HIC1	1.0330	1.0331
NEEE000759	HIC1	1.0330	1.0331
NEEE000760 NEEE000762 NEEE000764 NEEE000766 NEEE000768	HTV4	1.0150	1.0143
4311061116 4311061119 4311061121 4311061122	HTY3	1.0108	1.0089
NEEE000881	HSTL	1.0143	1.0149
NEEE001591	HTX5	1.0164	1.0050
4311028276 4311028297 (was NEEE001596)	HHY3	1.0182	1.0020
NEEE001632	HTY6	1.0287	1.0295
NEEE001656	HTV1	1.0048	1.0048
4311021596 4311021597 (was NEEE001814)	HHY2	1.0096	1.0103
NEEE001892	HTX1	1.0119	1.0087
NEEE004637 NEEE004639	HHY7	1.0172	1.0161
NEEEW00001 NEEEW00002	HTF1	1.0007	1.0011
NEEEW04150 NEEEW04151 NEEEW04152 NEEEW04153 NEEEW04154	HTF2	1.0079	1.0088
4310983756	HHY6	1.0191	1.0204
4310983779	HHY6	1.0191	1.0204

Table C4: Essential Energy's Site Specific DLFs

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
NAAA00AC11	BS33	1.0933	1.1027
NAAA00AC14	BS34	1.0933	1.1027
4001161869	BS32	N/A	1.1357
NAAA00AD65	BS35	1.0259	1.0208
NTTTW0RU20	BS37	1.0000	1.0060
NAAANRAB50	BS38	1.0122	1.0120
NAAA00AC21	BS39	1.0133	1.0215
NAAANRAA01	BS41	1.0933	1.1027
NTTTW0W110	UNIT	1.0000	1.0000
4001151659	BS43	0.9887	1.0017
NFFFNRKU39	BS44	0.9861	0.9960
4001175717	BS45	1.0816	1.0708
4508034707	BS46	1.0445	1.0341
4001210762	BS48	0.9994	0.9894
4001231908	BS50	N/A	0.9871
4001193201	BS02	N/A	0.9626
4001185251	BS03	N/A	0.9999

Table C5: Essential Energy's General DLFs

CLASS OR NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
Low Voltage	BL0A, DLDL, DLD2, DLD6, DLGB, DLGD	1.0996	1.0941
LV & Metered at CE	BL5A	1.0471	1.0532
High Voltage Line	BH0A	1.0376	1.0480
High Voltage Substation	BH5A	1.0261	1.0257
Subtransmission	BS0A	1.0179	1.0232

Table C6: Ausgrid's DLFs for Tariff Classes

TARIFF CODE	TARIFF CLASS	LOCATION	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12	DLF CODE
EA010	LV Res non-TOU (Closed)	LV system	1.0651	1.0635	JLDL
EA025	LV Res <40 MWh (System)	LV system	1.0554	1.0540	JL40
EA030	Controlled Load 1	LV system	1.0651	1.0635	JL1L
EA040	Controlled Load 2	LV system	1.0651	1.0635	JL2L
EA050	LV Bus non-TOU (Closed)	LV system	1.0576	1.0555	JLSL
EA225	LV Bus <40 MWh (System)	LV system	1.0576	1.0555	JLSL
EA302	LV 40-160 MWh (System)	LV system	1.0576	1.0555	JLSL
EA305	LV 160-750 MWh (System)	LV system	1.0576	1.0555	JLSL
EA310	LV >750 MWh (System)	LV system	1.0576	1.0555	JLSL
EA325	LV Connection (Standby Tariff)	LV system	1.0576	1.0555	JLSL
EA350	HV Connection (Standby Tariff)	HV system	1.0346	1.0358	JHSH
EA370	HV Connection (System)	HV system	1.0346	1.0358	JHSH
EA380	HV Connection (Substation)	HV substation	1.0180	1.0185	JHBH
EA390	ST Connection	ST System	1.0119	1.0124	JSSS
EA401	Public Lighting	LV system	1.0883	1.0839	JLSP
EA402	Constant Unmetered	LV system	1.0631	1.0604	JLSU
EA403	EnergyLight	LV system	1.0883	1.0839	JLSP

Table C7: Ausgrid's DLFs for CRNP Customers

NMI	LOCATION	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/2012	DLF CODE
4103736926	33 kV system	1.0015	1.0015	J550
4103736927	33 kV system	1.0015	1.0015	J550
NCCCNREA06	33/11 kV substations	1.0217	1.0220	J660
NCCCZ01384	33/11 kV substations	1.0118	1.0120	J731
NCCCZ01085	33/11 kV substations	1.0122	1.0123	J732
4103748279	132 kV system	1.0015	1.0000	J885
4103507254	33 kV system	1.0013	1.0013	JGLB
4103507266	33 kV system	1.0013	1.0013	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	1.0296	1.0316	J881
4102016227	33 kV transmission	1.0000	1.0000	JTOL
4102016252	33 kV transmission	1.0000	1.0000	JTOL
NCCCNRZ1V6	33 kV system	1.0279	1.0281	J720
4103555166	33 kV system	1.0157	1.0177	J721
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
NCCCZ01253	33 kV system	1.0349	1.0386	J700
NCCCNRZ1BK	132/33 kV substations	1.0051	1.0050	J635
4103686298	66 kV system	1.0119	1.0124	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	1.0188	1.0048	J601
NCCCNRZ1BM	132 kV system	1.0019	1.0026	J580
NCCCX00331	132/66 kV substations	1.0068	1.0077	J590
NCCCX00332	132/66 kV substations	1.0068	1.0077	J590
NCCCNRZZB0	132/33 kV substations	1.0067	1.0058	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	1.0077	1.0072	J605
NCCCNRZ1BQ	33 kV transmission	1.0000	1.0000	J655
NCCCX00283	132/33 kV substations	1.0027	1.0028	J630
NCCCX00284	132/33 kV substations	1.0027	1.0028	J630
NCCCX00748	132/33 kV substations	1.0224	1.0287	J615
NCCCX00749	132/33 kV substations	1.0224	1.0287	J615
NCCCNRZ1BT	132/33 kV substations	1.0105	1.0132	J645
NCCCX00293	132/33 kV substations	1.0054	1.0060	J600
NCCCX00294	132/33 kV substations	1.0054	1.0060	J600

NMI	LOCATION	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/2012	DLF CODE
NCCC002902	66 kV system	1.0098	1.0109	JK23
NCCC002221	66 kV system	1.0090	1.0092	J500
NCCCZ01275	132/33 kV substations	1.0074	1.0066	J560
NCCCNREEK2	33 kV system	1.0063	1.0064	J541
4102030738	33 kV system	1.0066	1.0061	J543
4103628537	33 kV system	1.0066	1.0061	J543
NCCCNRCS90	HV system	1.0092	1.0092	J670
NCCCNRZ1XJ	66 kV system	1.0171	1.0174	J680

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

NMI	LOCATION	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/2012	DLF CODE
NCCC007498	33 kV system	1.0112	1.0115	JGEN
NCCCNRGB10	HV system	1.0358	1.0370	JK24
4103666631	33 kV system	1.0112	1.0115	JGEN
NCCCZBLH02	33 kV system	1.0112	1.0115	JGEN
NCCCNRME10	33 kV system	1.0112	1.0115	JGEN
NCCC007441	132 kV system	1.0012	1.0012	JRED

Table C9: One Steel's Embedded Network DLFs

NMI	LOCATION	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
7102000008,7102000009, 7102000010,7102000011	11 kV	XON2	1.02709	1.02031

Appendix D: ACT Distribution Loss Factors for 2011/12

The AER has approved the following distribution loss factors for the ACT for the 2011/12 financial year.

Table D1: ActewAGL's Distribution's DLFs

CONNECTION	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
Low Voltage	AL00	1.0488	1.0499
High Voltage	AH00	1.0284	1.0295

Appendix E: South Australia Distribution Loss Factors for 2011/12

The AER has approved the following distribution loss factors for South Australia for the 2010/11 financial year.

Table E1: ETSA's Distribution Connection Point Class DLFs

CLASS	TARIFF	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
Low Voltage	Unmetered	NLV2	1.0814	1.0765
	Residential	NLV2	1.0814	1.0765
	Controlled Load	NLV2	1.0814	1.0765
	Business Single Rate	NLV2	1.0814	1.0765
	Business Two Rate	NLV2	1.0814	1.0765
Low Voltage T/F	Medium LV	NLV1	1.0650	1.0611
	Demand	NLV1	1.0650	1.0611
	LV Demand	NLV1	1.0650	1.0611
HV	Large LV Demand	NHV1	1.0388	1.0365
Substation	HV	NZS1	1.0180	1.0169

Table E2: ETSA's Site Specific DLFs

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
2001000378	NBA1	1.0000	1.0000
2001000608	NAC2	1.0135	1.0135
2002112609	NKC4	1.0057	1.0057
2002133131	NGM2	1.0115	1.0115
2002213788	NHN1	NA	1.0020
2002213796	NHN2	NA	1.0020
2002216840	NDS1	NA	1.0120
2002217226	NDS2	NA	1.0120
SAAAAAA018	NPS1	1.0000	1.0000
SAAAAAA021	NPS3	1.0069	1.0069
SAAAAAA022	NGM1	1.0107	1.0107
SAAAAAA024	NAB1	1.0077	1.0077
SAAAAAA026	NAC1	1.0218	1.0218
SAAAAAA035	NGT1	1.0048	1.0048
SAAAAAA084	NOS1	1.0000	1.0000
SAAAAAA438	NIF1	1.0091	1.0091
SAAAAAB557	NOS2	1.0000	1.0000

Table E3: ETSA's Embedded Generator DLFs

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
2001000647	NCL1	1.0226	1.0110
2001000734	NSHW	1.0092	1.0092
2001000639	NSP1	NA	1.0060
2001000640	NSP2	NA	1.0060
2002108658	NCDW	0.9721	0.9721
2002108660	NAS1	0.9900	0.9900
2002108661	NAS2	0.9900	0.9900

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

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
2102000201	XRAG	1.002	1.002
2102000202	XRAG	1.002	1.002

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

NMI	DLF CODE	DLF APPLIED IN 2010/11	DLF TO APPLY IN 2011/12
2102000001	XOX1	1.056	1.056

Appendix F: Tasmania Distribution Loss Factors for 2011/12

The AER has approved the following distribution loss factors for Tasmania for the 2011/12 financial year.

Aurora Energy has grouped transmission connection sites into seven regions. The DLFs are grouped into each of these seven regions.

The transmission connection points that are associated with each region are detailed in tables 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 (Including Non-Technical Losses)	Cumulative DLF (Including Non-Technical Losses)
Subtransmission Network	Hobart	PHST	1.0033	1.0033
Zone Substation	Hobart	PHZN	1.0020	1.0053
HV Distribution Network	Hobart	PHHV	1.0090	1.0144
Distribution Substation	Hobart	PHDS	1.0168	1.0373
LV Distribution Network	Hobart	PHLV	1.0260	1.0642

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

Distribution Network Level	Region	DLF Code	Section DLF (Including 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	1.0096	1.0096
Distribution Substation	Tamar	PTDS	1.0193	1.0352
LV Distribution Network	Tamar	PTLV	1.0260	1.0620

Table F3: Aurora Energy's East Coast Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Including 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	1.0176	1.0176
Distribution Substation	East Coast	PEDS	1.0336	1.0580
LV Distribution Network	East Coast	PELV	1.0260	1.0854

Table F4: Aurora Energy's North West Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Including 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	1.0151	1.0151
Distribution Substation	North West	PNDS	1.0298	1.0526
LV Distribution Network	North West	PNLV	1.0260	1.0799

Table F5: Aurora Energy's Derwent Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Including 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	1.0147	1.0147
Distribution Substation	Derwent	PDDS	1.0275	1.0484
LV Distribution Network	Derwent	PDLV	1.0260	1.0756

Table F6: Aurora Energy's Southern Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Including 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	1.0140	1.0140
Distribution Substation	Southern	PSDS	1.0267	1.0464
LV Distribution Network	Southern	PSLV	1.0260	1.0736

Table F7: Aurora Energy's West Coast Region DLFs

Distribution Network Level	Region	DLF Code	Section DLF (Including Non-Technical Losses)	Cumulative DLF (Including Non-Technical Losses)
Subtransmission Network	West Coast	PWST	1.0014	1.0014
Zone Substation	West Coast	PWZN	1.0000	1.0014
HV Distribution Network	West Coast	PWHV	1.0081	1.0095
Distribution Substation	West Coast	PWDS	1.0295	1.0571
LV Distribution Network	West Coast	PWLV	1.0260	1.0845

Table F8: Aurora Energy's Site Specific DLFs

NMI	Region	DLF Code	DLF
8000000656	North West	PSPU	1.0034
8000003578	West Coast	PBSM	1.0070
8000003585	North West	PACH	1.0000
8000003691	Tamar	PBGM	1.0117
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:

AER

Sugi Sivarajan	Australian Energy Regulator	03 9290 6913