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25 March 2008

Mr Craig Parr
Head of Metering and Settlements
Norwest Office
PO Box 7326
Baulkham Hills BC NSW 2153

Dear Mr Parr

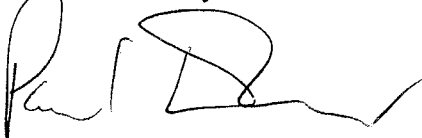
Distribution Loss Factors for 2008-09

As required under clause 3.6.3 of the National Electricity Rules the AER has approved distribution network service providers distribution loss factors (DLFs) for 2008-09.

The approved DLFs are set out in the attachment to this letter.

Should you have any queries in relation to this letter, please contact Mr Nick Innes on (03) 9290 1486.

Yours sincerely



for
Chris Pattas
General Manager
Network Regulation South

Queensland

Energex Limited

Table A1 Energex Average Distribution Loss Factors

Network level	Distribution Loss Factor		
	DLF Code	Applied In 2007/2008	To Be Applied In 2008/2009
110 kV connected	FSSS	1.0047	1.0046
33 kV connected	F3CL	1.0145	1.0142
11 kV bus connected	F1ZH	1.0198	1.0194
11 kV line connected	F1CH	1.0285	1.0282
LV bus connected	F1CL	1.0503	1.0497
LV line connected	FLCL	1.0797	1.0786

Table A2 Energex Distribution Loss Factors for Individually Calculated Customers

NMI	Distribution Loss Factor		
	DLF Code	Applied In 2007/2008	To Be Applied In 2008/2009
QB03674681	FCAL	1.010171	1.01146
QB03675327	FICT	1.018596	1.0126
QB02572591	FAPM	1.020496	1.02095
QB00703630	FBCC	1.014021	1.01384
QB13786415	FBOC	1.043538	1.05435
QB07156049	FBAC	1.056652	1.04182
3116941403	FAPB	1.029143	1.03103
QB03187888	FQCL	1.048681	1.07518
QB00011835	FCRL	1.03692	1.06758

QB03674151	FRBH	1.014052	1.01129
3117239826	FNST	1.008269	1.0047
QB03674177	FQG	1.010088	1.01708
QB09709916	FQBH	1.001499	1.00144
QB09750568	FQB	1.001967	1.005
QB05850851	FQBW	1.000383	1.00277
QB07417373	FQCB	1.002727	1.00421
QB03187390	FQC	1.000058	1.00006
QB07480580	FQL	1.000827	1.00131
QB12757888	FQR	1.000287	1.00068
QB08485399	FQT	1.002602	1.00269
3115820840	-	N/A	1
QB14097800	FRPT	1.004222	1.00083
QB10995285	FHPR	1.13249	1.14785
QMRGW00156	FSWP	1.009945	1.01242
QB09455507	FSC	1.008677	1.00576
QB07047011	FSTC	1.007472	1.01648
QB08144664	FACI	1.064962	1.07274
Unknown	-	N/A	1.00861
3116852575	FUQ1	1.006087	1.00825
3116852583	FUQ2	1.008972	1.00874
QB12021814	FVP	1.018659	1.00886

Ergon Energy**Table A3 Ergon Energy Tariff Class Distribution Loss Factors**

Network level	DLFs applied 2007/08		DLFs to apply 2008/09	
	East Zone	West Zone	East Zone	West Zone
Sub-Trans. Bus	1.018	1.105	1.010	1.057
Sub-Trans. Line	1.029	1.124	1.019	1.107
22/11kV Bus	1.026	1.130	1.020	1.114
22/11kV Line	1.046	1.173	1.039	1.154
LV Bus	1.077	1.210	1.071	1.193
LV Line	1.109	1.292	1.076	1.263

Network level	DLFs applied 2007/08	
	East Zone	West Zone
Sub-Trans. Bus	GESB	GWSB
Sub-Trans. Line	GESL	GWSL
22/11kV Bus	GEHB	GWHB
22/11kV Line	GEHL	GWHL
LV Bus	GELB	GWLB
LV Line	GELL	GWLL

Table A4 Ergon Energy - Site Specific Distribution Loss Factors

NMI	DLF COde	DLFs applied in 2007/08	DLFs to be applied in 2008/09
QAAABL0000	GBSB	1.01	1
QAAALV0001	GBSB	1	1
QAAAMR0000	GBSB	1	1
QAAABW0000	GBSB	1	1
QAAABW0002	GS02	1.006	1.011
QAAA0000NX	GS61	1.003	1.001
QAAABW0001	GS51	1.004	1.003
QAAALV0000	GBSB	1	1

QAAABX0014	GS69	1.006	1.007
QAAALV0003	GBSB	1	1
QAAALV0002	GBSB	1	1
QAAALV0004	GBSB	1	1
QAAABX0012	GS70	1.003	1.003
QAAABX0001	GS05	1.008	1.01
QAAABX0002	GS06	1.02	1.02
QAAARG0000	GS14	1.01	1.01
QGNG000103	GS41	1	1
QAAAMR0001	GS13	1.002	1.002
QAAADY0000	GBSB	1	1
QAAABW0041	GS62	1.017	1.016
QAAABW0042	GS63	1.04	1.037
QDDD000005	GBSB	1	1
QDDD000019	GS23	1.032	1.031
QDDD000001	GBSB	1	1
QDDD000002	GBSB	1	1
QDDD000004	GS22	1.03	1.003
QDDD000027	GS44	1.003	1.003
QDDD000026	GS24	1.009	1.008
QDDD003345	GS77	1.005	1.006
QDDD003336	GS50	1.033	1.018
QDDD000003	GS21	1.024	1.002
QEMS000001	GS64	1.009	1.009
QCCC000014	GS73	1.001	1.003
QCCC000002	GS18	1.003	1.004

QCCC000003	GBSB	1	1
QCCC700300	GBSB	1	1
QCCC000004	GS19	1.055	1.052
QCCC001004	GS60	1.056	1.044
QWAGW00033	GS66	1.012	1.012
QWAGW00066	GS65	1.012	1.012
QGGG000394	GS40	1.177	1.167
QGGG000000	GBSB	1.001	1
QGGG000032	GS33	1.003	1.002
QGGG000033	GS34	1	1
QAAALX0000	GS12	1.007	1.002

Table A5 Ergon Energy Distribution Loss Factors – Embedded Generators

NMI	DLF CDe	DLFs applied in 2007/08	DLFs to be applied in 2008/09
QEEE000026	GS55	0.98	0.978
QEEE000547	GS26	0.997	0.996
QCQPW00076	GS49	0.869	0.868
QCCC001041	GS67	0.984	0.977
QFFF000010	GS29	0.975	0.977
QFFF00000Z	GS30	0.975	0.977
QFFF000000	GS76	0.929	0.92
QDDD003315	GS71	0.998	1
QDDD003340	GBSB	1	1
QMKYW00147	GBSB	1	1
QCCC001036	GS56	0.98	0.981

QGGG000418	GS74	1.004	0.998
3050922955		n/a	0.971

Oaky Creek Network – Embedded Generation

DLF To Apply in 2008/09
0.9984

Capcoal Network – Embedded Generation

DLF To Apply in 2008//09
0.9994

Moranbah North Coal Network – Embedded Generation

DLF To Apply in 2008//09
0.9874

Victoria

Approved Network average DLFs for the 2008-09 financial year

Distributor	Distribution Loss Factors					
	Type	DLF-A	DLF-B	DLF-C	DLF-D	DLF-E
Alinta AE	Short sub-transmission	1.0054	1.0106	1.0267	1.0399	1.0462
	Long sub-transmission	1.0165	1.0216	1.0377	1.0509	1.0573
CitiPower	Short sub-transmission	1.0038	1.0129	1.0189	1.0439	1.0494
Powercor	Short sub-transmission	1.0047	1.0115	1.0375	1.0641	1.0728
	Long sub-transmission	1.0331	1.0399	1.0659	1.0925	1.1012
SP AusNet	Short sub-transmission	1.0059	1.0137	1.0396	1.0624	1.0703
	Long sub-transmission	1.0432	1.0510	1.0769	1.0997	1.1076
United Energy	Short sub-transmission	1.0059	1.0129	1.0207	1.0443	1.0593
	Long sub-transmission	1.0265	1.0335	1.0413	1.0649	1.0799

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'

Approved site-specific DLFs for large load customers for the 2008-09 financial year (showing changes from the current financial year)

Distributor	National Metering Identifier of customer	DLF for 2008/09
Alinta AE	6001280255	1.0043
	VDDD000134	1.0143
	VDDD000136	1.0034
	VDDD000224	1.0130
	VDDD000244	1.0124

	VDDD000286	1.0112
	VDDD000316 ^a	1.0151
	VDDD000495	1.0059
CitiPower	VAAA000673	1.0189
	VAAA000577	1.0172
	VAAA000574	1.0157
	VAAA000431	1.0179
Powercor	VCCCAF0002	1.0011
	VCCCAF0001	1.0050
	VCCCA00031	1.0006
	VCCCGD0001	1.0012
	VCCCGJ0001	1.0028
	VCCCA00022	1.0015
	VCCCRD0007	1.0133
	VCCCA00025	1.0086
	VCCAB0003	1.0167
	VCCAD0001	1.0109
	VCCCGK0001	1.0330
	VCCSE0004	1.0582
	VCCGE0019	1.0097
	VCCBC0025	1.0317
	VCCCTE0002	1.0545
	VCCSG0063	1.0746
SP AusNet	VBBB000073	1.0043
	VBBB000058	1.0227
	VBBB000161	1.0039
	VBBB000096	1.0833
United Energy	VEEE0PD8AD	1.0128
	VEEE0TF39Q	1.0158
	VEEE0BG4Q3	1.0218
	VEEE0NDNEX	1.0220
	VEEE08KH3V	1.0154
	VEEE0C8AW1	1.0059

Approved DLFs for large embedded generators for the 2008-09 financial year

Distributor	Generator	National Metering Identifier	DLF for 2008-09
Alinta AE	Somerton Power Station	6001264751	1.0460
Powercor	Challicum Hills Windfarm	6203661632	1.0107
	Codrington Windfarm	6203008781	1.0287
	Yambuk Windfarm	6203690629	1.0287
SP AusNet	Clover Power Station	VMBTWZCLG1	0.9878
		VMBTWZCLG2	

	Alinta No.1 generator at Bairnsdale	6305010110	1.0444
	Alinta No.2 generator at Bairnsdale	6305651897	1.0444
	Esso Longford Generator	VBBB002342	1.0679
	Rubicon Group of Generators	VTTSWZRUBX	1.0478
	Toora Windfarm	6305656070	1.0801
	Wonthaggi Windfarm	6305721689-9	1.075
United Energy	Energy Developments Ltd Clayton Generator	6407649172	1.0113

New South Wales

Integral Energy

Table C1: Integral Energy's Approved 2008-09 DLFs for Tariff Classes

Tariff Class	2007/2008	2008/2009
132 kV Network	1.0059	1.0040
Transmission Substation	1.0104	1.0091
Subtransmission Network	1.0183	1.0157
Zone Substation	1.0222	1.0176
High Voltage Distribution Network	1.0322	1.0282
Distribution Substation	1.0639	1.0589
Low Voltage Distribution Network	1.0855	1.0855

Table C2: Integral Energy's Approved 2008-09 DLFs for Embedded Generators

NMI	2007/2008 Loss Factor	2008/2009 Loss Factor
NEEE000748	1.01721	1.00066
NEEE000749	1.0459	1.0263
NEEE000750	1.0191	1.0394
NTTTWWRGBA	-	-

Note 1: - No DLF applies as this generator did not operate in the 2006-07 year and is not expected to operate in 2008-09.

Table C3: Integral Energy's Approved 2008-09 DLFs for CRNP Customers

NMI	2007/2008 Loss Factor	2008/2009 Loss Factor
NEEEE000760	1.01969	1.0173
NEEEE000762		
NEEEE000764		
NEEEE000766		
NEEEE000768		
NEEEE000046	1.00468	1.0040
NEEEE001656	1.00273	1.0032
NEEEE000758	1.02936	1.0439
NEEEE000759		
NEEEW04150	1.00725	1.0079
NEEEW04151		
NEEEW04152		
NEEEW04153		
NEEEW04154		
NEEEW0001	1.00630	1.0012
NEEEW0002		
NEEEE000757	1.00145	#
NEEEE000049	1.01690	1.0090
NEEEE001885	1.01000	1.0119
NEEEE000032	1.01094	1.0081
NEEEE000770	1.01222	1.0140
NEEEE000771		
NEEEE000005	1.01869	1.0133

NEEE000066	1.02344	1.0281
NEEE000006	1.02667	1.0330
NEEE001814	1.00377	1.0117
NEEE001596	1.01037	1.0196
NEEE001632	1.02090	1.0304
NEEE000014	1.00871	1.0329
NEEE000506	1.01072	1.0082
NEEE000707	1.02921	1.0452
NEEE000888	1.03241	#
NEEE000011	1.01868	1.0296
NEEE000881	0.0	1.0305
NEEE001591	1.00463	1.0328
NEEE004637	-	#
NEEE004639		
NEEE001892	1.02269	1.0325

Note 1: # - NEEE000757, NEEE000888, NEEE004637, NEEE004639 fall outside of the requirements for the allocation of a site specific DLF based on 2006/07 billing data. Therefore, the average DLF appropriate to the voltage level of their supply point in the network has been allocated; which is the generic DLF for subtransmission customers.

Country Energy

Table C4: Country Energy's Site Specific Approved 2008-09 DLFs

NMI	DLF Code	Applied in 2007/08	To Apply in 2008/09
NAAA00AC11	BS33	1.0934	1.0934
NAAA00AC14	BS34	1.0934	1.0934
NAAA00AD65	BS35	1.0343	1.0157
NTTTW0RU20	BS37	1.0000	1.0000
NAAANRAB50	BS38	1.0096	1.0114
NAAA00AC21	BS39	1.0090	1.0211
NAAANRAA01	BS41	1.1009	1.1009
NTTTW0W110	NONE	1.0000	1.0000
4001151659	BS43	0.9790	0.9790
NFFFNRK039	BS44	0.9927	0.9927
4001175717	BS45	1.0925	1.0925
4508034707	BS46	1.0550	1.0550
Snowy Plains Wind Farm	BS47	0.9526	0.9526

Table C5: Country Energy's General Approved 2008-09 DLFs

Class or NMI	DLF Code	DLF 2007/08	DLF 2008/09
Low Voltage	BL0A, DLDL, DLD2,DLD6, DLGB, DLGD	1.103	1.0961
LV & Metered at CE Substation	BL5A	1.0483	1.0483
High Voltage Line	BH0A	1.0388	1.0388
High Voltage Substation	BH5A	1.0365	1.0365
Subtransmission	BS0A	1.0281	1.0281

Energy Australia

Table C6: Energy Australia's Approved 2008-09 DLFs for Tariff Classes

Tariff Code	Tariff Class	Location	dlf FY08	dlf FY09	Diff.	DLF CODE
EA390	ST kVA Dem ToU	ST system	1.0166	1.0226	0.60%	JSSS EA - ST System DLF
EA380	HV kVA Dem ToU (Substation)	HV substation	1.0194	1.0254	0.60%	JHBH EA - HV Zone Substation DLF
EA370	HV kVA Dem ToU (System)	HV system	1.0194	1.0254	0.60%	JHSH EA - HV System DLF
EA350	HV Business ToU	HV system	1.0194	1.0254	0.60%	JHSH EA - HV System DLF
EA320	LV kVA Dem ToU (Substation)	LV substation	1.0344	1.0404	0.60%	JLBL EA - LV DC Substation DLF
EA303	LV kW cap ToU (Substation)	LV substation	1.0344	1.0404	0.60%	JLBL EA - LV DC Substation DLF
EA291	LV Business ToU (Substation)	LV substation	1.0344	1.0404	0.60%	JLBL EA - LV DC Substation DLF
EA026	LV Energy40 ToU substation	LV substation	1.0344	1.0404	0.60%	JLBL EA - LV DC Substation DLF
EA310	LV kVA Dem ToU (System)	LV system	1.0653	1.0639	-0.14%	JLSL EA - LV System DLF
EA302	LV kW cap ToU (System)	LV system	1.0653	1.0639	-0.14%	JLSL EA - LV System DLF
EA304	Miser Seasonal 2	LV system	1.0653	1.0639	-0.14%	JLSL EA - LV System DLF
EA307	LoadAlert Medium	LV system	1.0668	1.0658	-0.10%	JLDL EA - LV Domestic DLF
EA308	LoadAlert High	LV system	1.0668	1.0658	-0.10%	JLDL EA - LV Domestic DLF
EA290	LV Business ToU (System)	LV system	1.0653	1.0639	-0.14%	JLSL EA - LV System DLF
EA025	LV Energy40 ToU system	LV system	1.0668	1.0658	-0.10%	JL40 EA - LV SME DLF
EA028	Miser Seasonal 1	LV system	1.0668	1.0658	-0.10%	JLDL EA - LV Domestic DLF
EA050	LV Business non- ToU	LV system	1.0653	1.0639	-0.14%	JLSL EA - LV System DLF
EA010	Domestic	LV system	1.0668	1.0658	-0.10%	JLDL EA - LV Domestic DLF
EA057	PowerAlert Medium	LV system	1.0668	1.0658	-0.10%	JLDL EA - LV Domestic DLF
EA058	PowerAlert High	LV system	1.0668	1.0658	-0.10%	JLDL EA - LV Domestic DLF

EA030	Controlled Load 1	LV system	1.0668	1.0658	-0.10%	JL1L EA - LV Controlled Load 1
EA040	Controlled Load 2	LV system	1.0668	1.0658	-0.10%	JL2L EA - LV Controlled Load 2
EA027	Interruptible Load	LV system	1.0668	1.0658	-0.10%	JLDL EA - LV Domestic DLF
EA402	Constant unmetered EnergyLight	LV system	1.0653	1.0639	-0.14%	JLSU EA - Constant Unmetered DLF
EL403	Public lighting	LV system	1.1009	1.1008	-0.01%	JLSP EA - Public Lighting DLF
EA401		LV system	1.1009	1.1008	-0.01%	JLSP EA - Public Lighting DLF
EA306	LV Cap 750 (Substation)	LV substation	1.0344	1.0404	0.60%	JLBL EA - LV DC Substation DLF
EA305	LV Cap 750 (System)	LV system	1.0653	1.0639	-0.14%	JLSL EA - LV System DLF
EA024	No NAC Energy40	LV system	1.0668	1.0658	-0.10%	JL40 EA - LV SME DLF

Table C7: Energy Australia's Approved 2008-09 DLFs for Embedded Generators and CRNP Customers

Location	dlf FY08	dlf FY09	Diff.	NMI	DLF CODE
132 kV system	1.0000	1.0000	0.000%	NCCC0074410	Dispatched Gen, TLF accounts for DLF (DLF set to 1)
33 kV system	1.0166	1.0226	0.600%	NCCC0074988	JGEN - SMALL EMB GEN DLF
33 kV system	1.0166	1.0226	0.600%	NCCCZBLH02	JGEN - SMALL EMB GEN DLF
33 kV system	1.0166	1.0226	0.600%	41036666312	JGEN - SMALL EMB GEN DLF
33 kV system	1.0166	1.0226	0.600%	NCCCNRME106	JGEN - SMALL EMB GEN DLF
11 kV system	1.0194	1.0254	0.600%	NCCCNRGB10	JK24 EA - CRNP DLF- NCCCNRGB10
66 kV transmission	1.0000	1.0000	-0.600%	NCCCWNRNY605	JKUR EA - INTER DLF - KURRI
132 kV transmission	1.0000	1.0000	-0.600%	NCCCNRNP406	JCAP EA - CRNP DLF - CAPRAL
132 kV transmission	1.0000	1.0000	-0.600%	NCCCNRNP505	JCAP EA - CRNP DLF - CAPRAL
132 kV transmission	1.0000	1.0000	-0.600%	NCCCWNRNP604	JCAP EA - CRNP DLF - CAPRAL
132 kV system	1.0080	1.0020	-0.600%	NCCCNRZ1BM2	J580 EA - CRNP DLF- NCCCNRZ1BM

66 kV substation	1.0051	1.0104	0.530%	NCCC003317	J590 EA -CRNP DLF - RAC OURIMBAH
66 kV substation	1.0051	1.0104	0.530%	NCCC003323	J590 EA -CRNP DLF - RAC OURIMBAH
66 kV system	1.0222	1.0198	-0.240%	NCCCNRZ1XJ5	J680 EA-CRNP DLF-NCCCNRZ1XJ
66 kV system	1.0142	1.0202	0.600%	NCCCZ000601	J750 EA -CRNP DLF- NCCCZ00060
66 kV system	1.0093	1.0099	0.060%	NCCC0022211	J500 EA - CRNP DLF-NCCC002221
66 kV system	1.0189	1.0249	0.600%	NCCCNREA085	J690 EA -CRNP DLF-NCCCNREA08
66 kV system	1.0082	1.0092	0.100%	NCCC002902	JK23 EA - CRNP DLF-NCCC002902
33 kV transmission	1.0012	1.0018	0.060%	NCCCZ013818	J800 EA - CRNP DLF-NCCCZ01381
33 kV system	1.0011	1.0017	0.060%	NCCC0025643	J550 EA - CRNP DLF-NCCC002564
33 kV system	1.0010	1.0015	0.050%	41035072544	JGLB EA -CRNP DLF -GLOBAL SWITCH
33 kV system	1.0010	1.0015	0.050%	41035072669	JGLB EA -CRNP DLF -GLOBAL SWITCH
33 kV transmission	1.0029	1.0031	0.020%	4102016227	JTOL EA - CRNP DLF-M5 EAST TOLLWAY
33 kV transmission	1.0029	1.0031	0.020%	4102016252	JTOL EA - CRNP DLF-M5 EAST TOLLWAY
33 kV substation	1.0064	1.0068	0.040%	NCCCZ012751	J560 EA - CRNP DLF-NCCCZ01275
33 kV substation	1.0050	1.0110	0.600%	NCCC002937	J600 EA -CRNP DLF - RAC WILLOUGHBY
33 kV substation	1.0050	1.0110	0.600%	NCCC002945	J600 EA -CRNP DLF - RAC WILLOUGHBY
33 kV substation	1.0166	1.0226	0.600%	41035073476	J601 EA - CRNP DLF - 41035073476
33 kV substation	1.0049	1.0090	0.410%	NCCCNRZZB05	J610 EA -CRNP DLF-NCCCNRZZB0
33 kV system	1.0066	1.0063	-0.030%	NCCC0072118	J605 EA -CRNP DLF - NCCC007211
33 kV transmission	1.0011	1.0016	0.050%	NCCC007508	J620 EA-CRNP DLF -RAC PYRMONT
33 kV transmission	1.0011	1.0016	0.050%	NCCC007516	J620 EA-CRNP DLF -RAC PYRMONT
33 kV transmission	1.0011	1.0016	0.050%	NCCC007522	J620 EA-CRNP DLF -RAC PYRMONT
33 kV transmission	1.0011	1.0016	0.050%	NCCC007530	J620 EA-CRNP DLF -RAC PYRMONT
33 kV substation	1.0025	1.0032	0.070%	NCCC002838	J630 EA-CRNP DLF-RAC STRATHFIELD
33 kV substation	1.0025	1.0032	0.070%	NCCC002846	J630 EA-CRNP DLF-RAC STRATHFIELD

Location	dif	dif	Diff.	NMI	DLF CODE
	FY08	FY09			
33 kV transmission	1.0040	1.0044	0.040%	NCCCX007457	J640 EA-CRNP DLF-RAC CANTERBURY
33 kV transmission	1.0040	1.0044	0.040%	NCCCX007465	J640 EA-CRNP DLF-RAC CANTERBURY
33 kV transmission	1.0040	1.0044	0.040%	NCCCX007472	J640 EA-CRNP DLF-RAC CANTERBURY
33 kV substation	1.0050	1.0052	0.020%	NCCCNRZ1BK6	J635 EA -CRNP DLF-NCCCNRZ1BK
33 kV transmission	1.0094	1.0154	0.600%	NCCCNRZ1BQ3	J655 EA-CRNP DLF-NCCCNRZ1BQ
33 kV substation	1.0102	1.0109	0.070%	NCCCNRZ1BT7	J645 EA-CRNP DLF-NCCCNRZ1BT
33 kV substation	1.0231	1.0254	0.230%	NCCCX007480	J615 EA-CRNP DLF-RAC SURRY HILLS
33 kV substation	1.0231	1.0254	0.230%	NCCCX007498	J615 EA-CRNP DLF-RAC SURRY HILLS
33 kV system	1.0061	1.0065	0.040%	41020307384	J543 EA-CRNP DLF-41020307384
33 kV system	1.0061	1.0065	0.040%	4103628537	J543 EA-CRNP DLF-41020307384
33 kV system	1.0061	1.0065	0.040%	NCCCNREEK20	J541 EA-CRNP DLF-NCCCNREEK2
33 kV system	1.0646	1.0586	-0.600%	NCCCZ012513	J881 EA-CRNP DLF-NCCCZ01251
33 kV system	1.0696	1.0756	0.600%	NCCCZ012529	J882 EA-CRNP DLF-NCCCZ01252
33 kV system	1.0397	1.0376	-0.210%	NCCCZ012537	J700 EA -CRNP DLF-NCCCZ01253
33 kV system	1.0042	1.0050	0.080%	NCCCNREA044	J710 EA-CRNP DLF-NCCCNREA04
33 kV system	1.0129	1.0138	0.090%	NCCCZA00057	J522 EA-CRNP DLF-NCCCZA0005
33 kV system	1.0210	1.0259	0.490%	NCCCNRZ1V61	J720 EA-CRNP DLF-NCCCNRZ1V6
33 kV system	1.0210	1.0259	0.490%	41035551663	J721 EA-CRNP DLF-4103555166
33 kV system	1.0173	1.0125	-0.480%	41036874161	J883 EA-CRNP DLF-41036874161
33 kV system	1.0173	1.0125	-0.480%	41036874178	J884 EA-CRNP DLF-41036874178
ST system	1.0560	1.0563	0.030%	NCCCWNRNZ009	JPAT EA-INTER DLF-NCCCWNRNZ00

ST system	1.0257	1.0245	-0.120%	NCCCWRNY803	JASH EA - INTER DLF-NCCCCRNY80
HV substation	1.0119	1.0119	0.000%	NCCCNRET003	JDEL EA-DELTA VALES POINT DLF
HV substation	1.0122	1.0125	0.030%	NCCCZ013840	J731 EA-CRNP DLF-NCCCZ01384
HV substation	1.0078	1.0091	0.130%	NCCCZ010856	J732-CRNP DLF-NCCCZ01085
HV substation	1.0320	1.0343	0.230%	NCCCZA00065	J521 EA-CRNP DLF-NCCCZA0006
HV substation	1.0603	1.0663	0.600%	NCCCNREA077	J570 EA-CRNP DLF-NCCCNREA07
HV substation	1.0230	1.0217	-0.130%	NCCCNREA060	J660 EA-CRNP DLF-NCCCNREA06
HV system	1.0091	1.0097	0.060%	NCCCNRCS907	J670 EA-CRNP DLF-NCCCNRCS90
HV system	1.0194	1.0254	0.600%	41020134500	JHSH EA - HV System DLF
	1.0194	1.0254	0.600%	41020134490	JHSH EA - HV System DLF

Table C8: One Steel Embedded Network

	DLFs To Apply in 2008/09
33kV	1.00581
11kV	1.01334

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Connection	Distribution Loss Factor
Low Voltage	1.0486
High Voltage	1.0282

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Table E1: Distribution Connection Point Class Distribution Loss Factors

Class	Tariff	DLF Code	2008/09 DLF	2007/08 DLF
Low Voltage	Unmetered	NLV2	1.0790	1.0799
	Residential	NLV2	1.0790	1.0799
	Controlled Load	NLV2	1.0790	1.0799
	Business Single Rate	NLV2	1.0790	1.0799
	Business Two Rate	NLV2	1.0790	1.0799
Low Voltage T/F	Medium LV Demand	NLV1	1.0640	1.0649
	LV Demand	NLV1	1.0640	1.0649
	Large LV Demand	NLV1	1.0640	1.0649
HV	HV	NHV1	1.0401	1.0409
Substation	Substation	NZS1	1.0211	1.0219

Table E2: Site Specific Distribution Loss Factors

NMI	DLF Code	2008/09 DLF	2007/08 DLF
2001000378	NBA1	1.0000	1.0000
2001000608	NAC2	1.0135	1.0135
2002112609	NKC4	1.0057	1.0057
2002133131	NGM2	1.0115	1.0115
SAAAAAA018	NPS1	1.0000	1.0000
SAAAAAA019	NPS2	1.0069	1.0069
SAAAAAA021	NPS3	1.0069	1.0069
SAAAAAA022	NGM1	1.0107	1.0107
SAAAAAA024	NAB1	1.0077	1.0077
SAAAAAA026	NAC1	1.0218	1.0218
SAAAAAA029	NMM1	1.0145	1.0145
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: Embedded Generator Distribution Loss Factors

NMI	DLF Code	2008/09 DLF	2007/08 DLF
2001000647	NCL1	1.0226	1.0226
2001000734	NSHW	1.0092	1.0092
2002108658	NCDW	0.9721	0.9721
2002108660	NAS1	0.9900	0.9900
2002108661	NAS2	0.9900	0.9900

Tasmania

Table F1: Hobart Distribution Loss Factors

Distribution Network Level	Area	DLF Code	Section DLF	Cumulative DLF
Sub transmission Network	Hobart	PHST	1.0036	1.0036
Zone Substation	Hobart	PHZN	1.0026	1.0062
HV Distribution Network	Hobart	PHHV	1.0119	1.0182
Distribution Substation	Hobart	PHDS	1.0188	1.0432
LV Distribution Network	Hobart	PHLV	1.0259	1.0701

Table F2: Tamar Region Distribution Loss Factors

Distribution Network Level	Area	DLF Code	Section DLF	Cumulative DLF
Sub transmission Network	Tamar	PTST	1.0000	1.0000
Zone Substation	Tamar	PTZN	1.0000	1.0000
HV Distribution Network	Tamar	PTHV	1.0014	1.0014
Distribution Substation	Tamar	PTDS	1.0194	1.0369
LV Distribution Network	Tamar	PTLV	1.0259	1.0637

Table F3: East Coast Region Distribution Loss Factors

Distribution Network Level	Area	DLF Code	Section DLF	Cumulative DLF
Sub transmission Network	East Coast	PEST	1.0000	1.0000
Zone Substation	East Coast	PEZN	1.0000	1.0000
HV Distribution Network	East Coast	PEHV	1.0152	1.0152
Distribution Substation	East Coast	PEDS	1.0259	1.0478
LV Distribution Network	East Coast	PELV	1.0259	1.0749

Table F4: North West Region Distribution Loss Factors

Distribution Network Level	Area	DLF Code	Section DLF	Cumulative DLF
Sub transmission Network	North West	PNST	1.0000	1.0000
Zone Substation	North West	PNZN	1.0000	1.0000
HV Distribution Network	North West	PNHV	1.0131	1.0131
Distribution Substation	North West	PNDS	1.0233	1.0434
LV Distribution Network	North West	PNLV	1.0259	1.0613

Table F5: Derwent Region Distribution Loss Factors

Distribution Network Level	Area	DLF Code	Section DLF	Cumulative DLF
Sub transmission Network	Derwent	PDST	1.0000	1.0000
Zone Substation	Derwent	PDZN	1.0000	1.0000
HV Distribution Network	Derwent	PDHV	1.0109	1.0109
Distribution Substation	Derwent	PDDS	1.0181	1.0345
LV Distribution Network	Derwent	PDLV	1.0259	1.0613

Table F6: Southern Region Distribution Loss Factors

Distribution Network Level	Area	DLF Code	Section DLF	Cumulative DLF
Sub transmission Network	Southern	PSST	1.0000	1.0000
Zone Substation	Southern	PSZN	1.0000	1.0000
HV Distribution Network	Southern	PSHV	1.0094	1.0094
Distribution Substation	Southern	PSDS	1.0160	1.0309
LV Distribution Network	Southern	PSLV	1.0259	1.0576

Table F7: West Coast Region Distribution Loss Factors

Distribution Network Level	Area	DLF Code	Section DLF	Cumulative DLF
Sub transmission Network	West Coast	PWST	1.0146	1.0146
Zone Substation	West Coast	PWZN	1.0000	1.0146
HV Distribution Network	West Coast	PWHV	1.0398	1.0550
Distribution Substation	West Coast	PWDS	1.0932	1.1639
LV Distribution Network	West Coast	PWLV	1.0259	1.1940

where

Sub Transmission applies to a second tier customer or market customer connected to a sub-transmission line (at 44kV or 33kV).

Zone Substation applies to a second tier customer or market customer connected to the lower voltage side of a zone substation.

HV Distribution Network applies to a second tier customer or market customer connected to a distribution line from a zone substation at voltages of 22kV, 11kV or 6.6kV.

Distribution Substation applies to a second tier customer or market customer connected to the lower voltage side of a distribution substation.

LV Distribution Network applies to a second tier customer or market customer connected to a low voltage line at 240/415V.

Table F8 – Site Specific DLFs (NER and Vesting)

NMI	Area	DLF Code	DLF
8000003585	North West	PACH	1.0000
8000000656	North West	PSPU	1.0036

8000003578	West Coast	PBSM	1.0075
8000003868	West Coast	PHGM	1.0000

Table F9 – Greater Hobart area virtual transmission node grouping the following transmission connection sites

Zone Substation	Distribution Connection Voltage	TNI
Chapel Street	11kV	TCS3
Creek Road –	33kV	TCR2
Lindisfame	33kV	TLF2
North Hobart	11kV	TNH2
Risdon –	33kV	TRI4
Rokeby	11kV	TRK2

Table F10 – Tamar region virtual transmission node grouping the following transmission connection sites

Zone Substation	Distribution Connection Voltage	TNI
Hadspen	22kV	THA3
Mowbray	22kV	TMY2
Norwood	22kV	TNW2
Trevallyn	22kV	TTR2
George Town	22kV	TGT3

Table F11 – Southern Region Transmission Nodes

Zone Substation	Distribution connection voltage	TNI
Electrona	11kV	TEL2
Kerlandie	11kV	TKE2
Kingston	11kV	TKI2
Knights Road	11kV	TKR2

Table F12 – East Coast Region Transmission Nodes

Zone Substation	Distribution connection voltage	TNI
Avoca	22kV	TAV2
Derby	22kV	TDE2
Scottsdale	22kV	TSD2
Sorell	22kV	TSO2

St Marys	22kV	TSM2
Triabunna	22kV	TTB2

Table F13 – North West Region Transmission Nodes

Zone Substation	Distribution connection voltage	TNI
Burnie	22kV	TBU3
Devonport	22kV	TDP2
Emu Bay	11kV	TEB2
Palmerston	22kV	TPM3
Port Latta	22kV	TPL2
Railton	22kV	TRA2
Smithton	22kV	TST2
Ulverstone	22kV	TUL2
Wesley Vale	11kV	TWV2

Table F14 – West Coast Region Transmission Nodes

Zone Substation	Distribution connection voltage	TNI
Newton	22kV	TNT2
Queenstown	22kV	TQT2
Rosebery	44kV	TRB2
Savage River	22kV	TSR2

Table F15 – Derwent Region Transmission Nodes

Zone Substation	Distribution connection voltage	TNI
Arthurs Lake	22kV	TAL2
Bridgewater	11kV	TBW2
Derwent Bridge	22kV	TDB2
Meadowbank	22kV	TMB2
New Norfolk	22kV	TNN2
Tungatinah	22kV	TTU2
Waddamana	22kV	TWA2
Wayatinah	22kV	TWY2