



Revised Regulatory Proposal
Summary of Demand Forecast
January 2012



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1. Summary of 2011 load forecast

Aurora Energy Pty Ltd (Aurora) as the Tasmanian Distribution Network Service Provider (DNSP), has an obligation under the National Electricity Rules (NER) to provide a 10 year load forecast to meet distribution network demand planning needs and Transend Networks Pty Ltd (Transend) transmission planning needs.

1.1. Development of Forecasts

For the production of the 2011 Distribution System maximum Demand Forecast, Aurora engaged ACIL Tasman to prepare the forecast data using forecasting models previously developed by ACIL Tasman for Aurora.

The forecasting models (summer and winter) were modified to reflect appropriate changes and improvements identified in the review of Aurora's load forecasting by SKM MMA as part of the AER's November 2011 draft distribution determination for Aurora.

The principal changes to the models were:

- Minor changes to the weather correction methodology; and
- Reconciliation to a new system level forecast produced by ACIL Tasman in lieu of using the Transend provided system level forecast (produced by NIEIR).

1.2. Distribution System peak demand

Peak demand on Aurora's network occurs in the winter quarter with a strong correlation to the maximum daily temperature at the time of peak demand.

The load on the Aurora's distribution network reached a peak Coincident Maximum Demand (CMD) during the winter period at ~8:15 am on Wednesday 27 July 2011. The total actual load on the connection points to the transmission network at this time was 1,015 MW. Using the temperature sensitivity coefficient for each connection point to adjust to the long run average temperature, the temperature corrected peak demand was 1,078 MW. With an estimated 10 MW of embedded generation operating, the estimated total actual load on the distribution network at that time was 1,025 MW (temperature corrected, 1,088 MW).

The load on the Aurora's distribution network reached a peak Coincident Maximum Demand (CMD) during the summer period at ~8:00 am on Monday 21 February 2011. The total actual load on the connection points to the transmission network at this time was 678 MW. Using the temperature sensitivity coefficient for each connection point to adjust to the long run average temperature, the temperature corrected peak demand was 688 MW. With an estimated 8 MW of embedded generation operating, the estimated total actual load on the distribution network at that time was 686 MW (temperature corrected, 696 MW).

The following table sets out the actual and forecast system wide demand for summer and winter periods for the connection points to the transmission network. Summer being December, January and February in the relevant financial year, and winter being June, July and August in the relevant calendar year. The forecasts are temperature based POEs using ACIL Tasman’s economic growth assumptions.

	Winter (MW)		Summer (MW)	
	50% POE	10% POE	50% POE	10% POE
2011 Actual	1,015		678	
2011 Temp Corrected	1,078		688	
2016 Reconciled	1,177	1,241	724	766
2021 Reconciled	1,316	1,390	774	823

The following table sets out the forecast system wide demand growth rates for summer and winter periods.

	Winter		Summer	
	50% POE	10% POE	50% POE	10% POE
5 year growth	9.16%	15.1%	5.31%	11.40%
5 year growth (p.a.)	1.77%	2.85%	1.04%	2.18%
10 year growth	22.13%	28.93%	12.44%	19.59%
10 year growth (p.a.)	2.02%	2.57%	1.18%	1.80%

The forecast 10 year annual growth (1.77 per cent p.a.) is slightly higher than that of the 2010 load forecast (1.63 per cent p.a.).

1.3. Summary of Terminal Substations forecast

The following tables present the five and ten year growth and demand forecasts for summer and winter at 50 per cent and 10 per cent POE, in MW, for each of the transmission connection sites.

Terminal stations	Connection voltage (kV)	50 POE MW		10 POE MW		5 year growth (p.a.)	10 year growth (p.a.)	5 year growth	10 year growth
		5 year growth (p.a.)	10 year growth (p.a.)	5 year growth	10 year growth				
Arthurs Lake	22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Derwent Bridge	22	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gordon	22	1.62%	1.80%	8.39%	19.49%	2.17%	2.08%	11.30%	22.90%
Meadowbank	22	2.83%	2.97%	14.95%	33.96%	4.20%	3.65%	22.87%	43.11%
New Norfolk	22	3.40%	3.50%	18.19%	41.10%	5.12%	4.34%	28.39%	52.87%
Tungatinah	22	4.27%	4.29%	23.24%	52.23%	5.92%	5.07%	33.29%	64.01%
Waddamana	22	5.66%	5.50%	31.68%	70.84%	6.21%	5.79%	35.17%	75.65%
Wayatinah	11	1.62%	1.80%	8.39%	19.49%	2.74%	2.37%	14.47%	26.40%
Avoca	22	2.51%	2.67%	13.20%	30.11%	3.59%	3.21%	19.30%	37.18%
St Marys	22	1.62%	1.79%	8.35%	19.41%	2.57%	2.28%	13.55%	25.34%
Triabunna	22	6.52%	4.52%	37.16%	55.61%	7.51%	5.02%	43.64%	63.13%
Lindisfarne	33	3.05%	2.74%	16.20%	31.09%	4.07%	3.27%	22.10%	37.91%
Rokeby	11	4.93%	4.88%	27.21%	60.99%	5.98%	5.39%	33.73%	68.99%
Bridgewater	11	3.31%	3.42%	17.67%	39.98%	4.40%	3.96%	24.04%	47.51%
Chapel St	22	-0.24%	-0.16%	-1.19%	-1.63%	0.91%	0.46%	4.64%	4.68%
Creek Rd	33	1.77%	1.94%	9.18%	21.24%	2.89%	2.52%	15.33%	28.25%
North Hobart	11	1.52%	1.69%	7.84%	18.28%	2.65%	2.27%	13.95%	25.19%
Risdon	33	1.54%	1.49%	7.93%	15.92%	2.62%	2.05%	13.78%	22.49%
Devonport	22	3.23%	3.35%	17.22%	38.97%	4.13%	3.80%	22.43%	45.20%
Railton	22	0.79%	0.94%	4.00%	9.81%	1.64%	1.39%	8.46%	14.78%
Ulverstone	22	1.06%	1.23%	5.43%	12.95%	1.84%	1.64%	9.56%	17.61%
Wesley Vale	22	1.81%	1.98%	9.38%	21.68%	2.35%	2.27%	12.33%	25.16%
Derby	22	1.62%	1.80%	8.39%	19.49%	2.25%	2.13%	11.79%	23.43%
Scottsdale	22	-0.11%	-0.02%	-0.56%	-0.24%	0.89%	0.52%	4.54%	5.29%
Burnie	22	1.91%	2.08%	9.93%	22.88%	2.78%	2.53%	14.70%	28.39%
Emu Bay Retail	11	1.62%	1.80%	8.39%	19.49%	2.49%	2.25%	13.08%	24.86%
Port Latta	22	1.30%	1.47%	6.66%	15.69%	1.92%	1.80%	9.98%	19.48%
Smithton	22	0.21%	0.33%	1.08%	3.36%	0.82%	0.65%	4.18%	6.74%
Sorell	22	3.57%	3.66%	19.17%	43.27%	4.58%	4.16%	25.12%	50.37%
Electrona	11	4.03%	4.08%	21.86%	49.20%	5.14%	4.62%	28.46%	57.12%
Kermandie	11	1.61%	1.78%	8.29%	19.27%	2.60%	2.29%	13.71%	25.44%
Kingston	11	3.09%	2.73%	16.45%	30.93%	4.26%	3.32%	23.18%	38.63%
Knights Rd	11	2.08%	2.25%	10.86%	24.94%	3.24%	2.84%	17.30%	32.32%
George Town	22	3.14%	2.55%	16.71%	28.66%	4.20%	3.10%	22.84%	35.64%
Hadspen	22	2.64%	2.71%	13.92%	30.65%	3.84%	3.31%	20.75%	38.52%
Mowbray	22	0.31%	0.75%	1.54%	7.77%	1.78%	1.52%	9.22%	16.32%
Norwood	22	1.82%	1.99%	9.42%	21.75%	3.26%	2.72%	17.41%	30.81%
Palmerston	22	1.62%	1.80%	8.39%	19.49%	2.23%	2.12%	11.68%	23.32%
Trevallyn	22	1.95%	1.92%	10.14%	20.95%	3.43%	2.68%	18.37%	30.21%
Newton (Henty Gold)	11	1.62%	1.80%	8.39%	19.49%	2.19%	2.09%	11.42%	23.03%
Queenstown 22kV	22	1.62%	1.80%	8.39%	19.49%	2.72%	2.36%	14.34%	26.25%
Rosebery 44kV	44	7.52%	4.71%	43.73%	58.45%	8.11%	5.01%	47.67%	63.05%
Rosebery 22kV	22	1.62%	1.80%	8.39%	19.49%	2.29%	2.14%	11.97%	23.64%
Savage River	22	1.62%	1.80%	8.39%	19.49%	2.59%	2.30%	13.66%	25.50%

5 & 10 Year Forecast of Winter Load Growth in MW at 50% & 10% POE

Terminal stations	50 POE MW		Historical				Forecast											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
Arthurs Lake						0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Derwent Bridge	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Gordon	0.47	0.41	0.35	0.46	0.31	0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.33	0.34	0.34	0.34	0.35	0.35
Meadowbank	3.23	4.25	5.06	5.40	3.46	4.22	4.35	4.45	4.59	4.71	4.85	5.00	5.16	5.31	5.48	5.65	5.82	5.99
New Norfolk	9.58	9.59	9.92	9.41	9.82	10.22	10.59	10.92	11.30	11.68	12.08	12.53	12.98	13.43	13.92	14.42	14.92	15.42
Tungatinah	1.01	1.17	1.13	1.09	1.05	1.18	1.23	1.28	1.34	1.39	1.45	1.52	1.58	1.65	1.72	1.79	1.86	1.93
Waddamana	0.69	0.66	0.57	0.69	0.71	0.79	0.84	0.88	0.93	0.99	1.04	1.10	1.16	1.22	1.28	1.35	1.41	1.47
Wayatinah	1.02	0.88	0.63	0.39	0.45	0.36	0.37	0.37	0.38	0.38	0.39	0.40	0.41	0.41	0.42	0.43	0.43	0.43
Avoca	6.26	6.80	8.03	7.98	6.08	6.51	6.68	6.83	7.01	7.18	7.37	7.58	7.79	8.00	8.23	8.47	8.71	8.95
St Marys	15.62	15.94	14.28	15.79	15.39	13.97	14.22	14.40	14.66	14.89	15.14	15.45	15.74	16.03	16.36	16.69	17.02	17.35
Triabunna	9.01	8.78	7.38	7.79	8.91	6.56	8.25	8.41	8.61	8.79	9.00	9.23	9.46	9.69	9.95	10.21	10.47	10.73
Lindisfarne	56.33	58.67	59.09	60.95	61.11	63.95	68.48	69.68	71.24	72.72	74.30	76.17	77.98	79.77	81.79	83.83	85.87	87.91
Rokeyby	40.78	40.44	45.30	40.95	42.11	39.20	41.29	43.21	45.40	47.58	49.86	52.38	54.91	57.48	60.26	63.10	66.00	68.94
Bridgewater	31.13	30.91	34.56	31.13	36.42	33.20	34.37	35.39	36.61	37.80	39.06	40.49	41.90	43.32	44.88	46.47	48.09	49.74
Chapel St	57.07	44.04	47.01	46.68	45.60	41.12	41.12	40.89	40.85	40.72	40.63	40.65	40.60	40.51	40.49	40.44	40.39	40.34
Creek Rd	99.73	100.36	101.44	101.35	104.21	105.52	107.57	109.10	111.18	113.12	115.21	117.72	120.13	122.50	125.21	127.93	130.65	133.37
North Hobart	66.40	57.42	57.45	55.68	59.72	56.99	57.96	58.63	59.61	60.49	61.46	62.65	63.77	64.87	66.14	67.41	68.68	70.00
Risdon	45.74	70.24	70.26	74.32	67.15	70.18	72.61	73.16	74.07	74.87	75.75	76.89	77.95	78.96	80.17	81.36	82.61	83.86
Devonport	62.47	64.26	78.56	71.84	65.92	63.14	65.33	67.22	69.48	71.68	74.02	76.66	79.28	81.91	84.80	87.75	90.76	93.81
Railton	52.43	49.14	50.74	47.39	49.30	48.09	48.56	48.78	49.23	49.60	50.02	50.60	51.12	51.61	52.22	52.81	53.40	54.00
Ulverstone	36.45	38.61	39.39	36.19	37.40	35.45	35.89	36.15	36.58	36.95	37.37	37.92	38.42	38.90	39.47	40.04	40.61	41.18
Wesley Vale			2.85	1.76	1.83	1.77	1.80	1.83	1.86	1.90	1.93	1.98	2.02	2.06	2.10	2.15	2.19	2.23
Derby	6.36	5.89	4.83	2.60	2.49	2.56	2.61	2.64	2.69	2.73	2.78	2.83	2.89	2.94	3.00	3.06	3.11	3.16
Scottsdale		16.45	15.16	13.41	13.68	12.38	12.40	12.35	12.35	12.33	12.32	12.34	12.34	12.33	12.35	12.36	12.37	12.38
Burnie	62.52	62.30	68.79	61.08	62.87	62.44	63.75	64.74	66.06	67.30	68.64	70.23	71.77	73.28	75.00	76.73	78.45	80.18
Emu Bay Retail	11.71	11.84	11.95	10.97	11.57	10.18	10.36	10.49	10.68	10.85	11.03	11.26	11.47	11.68	11.92	12.16	12.40	12.64
Port Latta	4.94	4.77	4.77	5.93	4.62	4.69	4.76	4.81	4.87	4.94	5.00	5.09	5.17	5.25	5.34	5.43	5.52	5.61
Smithton	21.06	22.21	22.71	23.14	21.35	21.27	21.36	21.34	21.41	21.45	21.50	21.62	21.71	21.78	21.89	21.99	22.09	22.19
Sorell	32.91	29.82	31.41	32.27	33.33	32.27	33.51	34.59	35.88	37.13	38.46	39.95	41.43	42.93	44.56	46.23	47.91	49.60
Electrona	13.48	14.37	12.77	14.44	19.09	19.42	20.27	21.02	21.90	22.76	23.67	24.69	25.70	26.72	27.84	28.98	30.12	31.26
Kermandie	7.96	6.79	7.09	7.19	6.94	6.74	6.86	6.94	7.06	7.18	7.30	7.44	7.58	7.72	7.88	8.04	8.20	8.36
Kingston	37.95	40.54	42.31	39.29	37.00	36.37	37.15	39.81	40.67	41.49	42.36	43.39	44.39	45.38	46.49	47.62	48.75	49.88
Knights Rd	16.44	16.67	16.43	17.30	17.30	18.37	18.79	19.11	19.54	19.94	20.37	20.87	21.37	21.85	22.40	22.95	23.49	24.04
George Town	26.49	28.31	28.99	27.05	28.05	26.07	28.57	28.94	29.45	29.92	30.42	31.04	31.63	32.21	32.87	33.54	34.21	34.88
Hadsen	29.81	40.97	43.60	45.37	47.73	57.29	59.32	60.57	62.15	63.65	65.26	67.13	68.95	70.76	72.79	74.84	76.84	78.84
Mowbray	45.21	49.55	45.66	51.52	55.65	35.26	34.62	34.81	35.16	35.46	35.80	36.25	36.67	37.05	37.53	38.00	38.47	38.94
Norwood	76.32	67.57	68.68	71.05	67.59	57.66	58.81	59.67	60.83	61.92	63.09	64.49	65.94	67.17	68.68	70.20	71.71	73.22
Palmerston		11.16	8.85	7.39	6.07	6.15	6.27	6.35	6.46	6.56	6.67	6.81	6.94	7.06	7.21	7.35	7.50	7.64
Trevallyn	95.80	97.07	97.43	103.92	95.32	74.57	77.38	78.30	79.61	80.82	82.13	83.74	85.26	86.75	88.47	90.19	91.91	93.63
Newton (Henty Gold)	3.75	3.83	3.84	3.31	3.93	4.41	4.49	4.54	4.62	4.70	4.78	4.88	4.97	5.06	5.16	5.27	5.37	5.47
Queenstown 22kV	7.39	7.45	7.39	7.04	6.54	6.78	6.90	6.99	7.11	7.23	7.35	7.50	7.64	7.78	7.94	8.10	8.26	8.42
Rosebery 44kV	5.31	6.68	21.66	10.07	13.48	13.80	18.63	18.87	19.20	19.51	19.84	20.24	20.63	21.00	21.44	21.87	22.30	22.73
Rosebery 22kV	2.89	3.04	3.41	2.86	2.71	2.24	2.28	2.31	2.35	2.39	2.43	2.48	2.53	2.57	2.63	2.68	2.73	2.78
Savage River	1.17	1.31	1.43	2.43	1.34	1.40	1.42	1.44	1.47	1.49	1.52	1.55	1.58	1.60	1.64	1.67	1.70	1.73

Forecast of Station Non Coincident Demand for Winter in MW at 50% POE

Revised Regulatory Proposal
Aurora Response – Supporting Information



Terminal stations	10 POE MW		Historical				Forecast									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Arthurs Lake							0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Derwent Bridge	0.10	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Gordon	0.5	0.4	0.3	0.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4
Meadowbank	3.2	4.3	6.1	5.4	3.5	4.2	4.6	4.8	4.9	5.0	5.2	5.3	5.5	5.7	5.8	6.0
New Norfolk	9.6	9.6	9.9	9.4	9.8	10.2	11.5	11.9	12.2	12.7	13.1	13.6	14.1	14.5	15.1	15.6
Tungatimah	1.0	1.2	1.1	1.1	1.1	1.2	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.8	1.9	1.9
Waddamana	0.7	0.7	0.6	0.7	0.7	0.8	0.9	0.9	1.0	1.0	1.1	1.1	1.2	1.2	1.3	1.4
Wayatinah	1.0	0.9	0.6	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
Avoca	6.3	6.8	8.0	8.0	6.1	6.5	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.7	8.9
St Marys	15.6	15.9	14.3	15.8	15.4	14.0	14.8	15.0	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.5
Triabunna	9.0	8.8	7.4	7.8	8.9	6.6	8.6	8.8	9.0	9.2	9.4	9.7	9.9	10.1	10.4	10.7
Lindisfarne	56.3	58.7	59.1	60.9	61.1	63.9	71.5	73.0	74.5	76.3	78.1	80.0	81.8	83.8	85.9	88.2
Rokeby	40.8	40.4	45.3	40.9	42.1	39.2	43.3	45.4	47.6	50.0	52.4	55.0	57.6	60.3	63.2	66.2
Bridgewater	31.1	30.9	34.6	31.1	36.4	33.2	36.1	37.2	38.4	39.8	41.2	42.6	44.1	45.6	47.2	49.0
Chapel St	57.1	44.0	47.0	46.7	45.6	41.1	43.2	43.1	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
Creek Rd	99.7	100.4	101.4	101.3	104.2	105.5	112.9	114.9	116.9	119.3	121.7	124.3	126.7	129.4	132.3	135.3
North Hobart	66.4	57.4	57.4	55.7	59.7	57.0	60.8	61.8	62.7	63.8	64.9	66.2	67.3	68.5	69.9	71.4
Risdon	45.7	70.2	70.3	74.3	67.1	70.2	76.0	76.9	77.7	78.8	79.9	81.0	82.1	83.3	84.6	86.0
Devonport	62.5	64.3	78.6	71.8	65.9	63.1	67.9	70.0	72.3	74.8	77.3	80.0	82.6	85.5	88.5	91.7
Railton	52.4	49.1	50.7	47.4	49.3	48.1	50.3	50.7	51.1	51.6	52.2	52.7	53.3	53.8	54.5	55.2
Ulverstone	36.5	38.6	39.4	36.2	37.4	35.4	37.0	37.4	37.8	38.3	38.8	39.4	39.9	40.4	41.0	41.7
Wesley Vale			2.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2
Derby	6.4	5.9	4.8	2.6	2.5	2.6	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.1	3.2
Scottsdale		16.4	15.2	13.4	13.7	12.4	12.9	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0
Burnie	62.5	62.3	68.8	61.1	62.9	62.4	66.1	67.4	68.6	70.1	71.6	73.2	74.8	76.4	78.3	80.2
Emu Bay Retail	11.7	11.8	11.9	11.0	11.6	10.2	10.7	10.9	11.1	11.3	11.5	11.7	12.0	12.2	12.4	12.7
Port Latta	4.9	4.8	4.8	5.9	4.6	4.7	4.9	4.9	5.0	5.1	5.2	5.2	5.3	5.4	5.5	5.6
Smithton	21.1	22.2	22.7	23.1	21.3	21.3	21.9	21.9	22.0	22.1	22.2	22.3	22.3	22.4	22.6	22.7
Sorell	32.9	29.8	31.4	32.3	33.3	32.3	35.0	36.3	37.5	38.9	40.4	41.9	43.4	45.0	46.7	48.5
Electrona	13.5	14.4	12.8	14.4	19.1	19.4	21.3	22.1	23.0	24.0	25.0	26.0	27.0	28.1	29.3	30.5
Kermandie	8.0	6.8	7.1	7.2	6.9	6.7	7.2	7.3	7.4	7.5	7.7	7.8	8.0	8.1	8.3	8.5
Kingston	38.0	40.5	42.3	39.3	37.0	36.4	39.1	42.0	42.8	43.8	44.8	45.9	46.9	48.0	49.2	50.4
Knights Rd	16.4	16.7	16.4	17.3	17.3	18.4	19.8	20.2	20.6	21.1	21.5	22.1	22.6	23.1	23.7	24.3
George Town	26.5	28.3	29.0	27.0	28.1	26.1	29.9	30.4	30.9	31.4	32.0	32.7	33.2	33.9	34.6	35.4
Hadspen	29.8	41.0	43.6	45.4	47.7	57.3	62.5	64.1	65.6	67.4	69.2	71.1	72.9	74.9	77.1	79.4
Mowbray	45.2	49.6	45.7	51.5	55.6	35.3	37.0	37.3	37.6	38.1	38.5	39.0	39.4	39.9	40.4	41.0
Norwood	76.3	67.6	68.7	71.0	67.6	57.7	62.7	63.8	65.0	66.3	67.7	69.2	70.5	72.1	73.7	75.4
Palmerston		11.2	8.8	7.4	6.1	6.2	6.4	6.5	6.6	6.7	6.9	7.0	7.1	7.3	7.4	7.6
Trevallyn	95.8	97.1	97.4	103.9	95.3	74.6	82.6	83.9	85.2	86.7	88.3	89.9	91.5	93.2	95.1	97.1
Newton (Henty Gold)	3.8	3.8	3.8	3.3	3.9	4.4	4.6	4.7	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4
Queenstown 22kv	7.4	7.5	7.4	7.0	6.5	6.8	7.2	7.4	7.5	7.6	7.8	7.9	8.0	8.2	8.4	8.6
Rosebery 44KV	5.3	6.7	21.7	10.1	13.5	13.8	19.0	19.3	19.6	20.0	20.4	20.8	21.2	21.6	22.0	22.5
Rosebery 22KV	2.9	3.0	3.4	2.9	2.7	2.2	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8
Savage River	1.2	1.3	1.4	2.4	1.3	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.8

Forecast of Station Non Coincident Demand for Winter in MW at 10% POE

Terminal stations	50 POE		MW		10 POE		MW	
	5 year growth (p.a.)	10 year growth (p.a.)	5 year growth	10 year growth	5 year growth (p.a.)	10 year growth (p.a.)	5 year growth	10 year growth
Arthurs Lake	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Derwent Bridge	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Gordon	-0.25%	0.08%	-1.26%	0.77%	0.91%	0.72%	4.63%	7.41%
Meadowbank	0.39%	0.71%	1.95%	7.33%	1.48%	1.31%	7.60%	13.91%
New Norfolk	2.84%	2.97%	15.03%	34.03%	3.83%	3.53%	20.69%	41.44%
Tungatinah	-0.19%	0.14%	-0.95%	1.40%	0.90%	0.74%	4.58%	7.69%
Waddamana	7.79%	6.97%	45.48%	96.19%	8.96%	7.60%	53.60%	108.03%
Wayatinah	-0.25%	0.08%	-1.26%	0.77%	0.75%	0.64%	3.79%	6.55%
Avoca	0.41%	0.73%	2.05%	7.54%	1.55%	1.36%	7.98%	14.42%
St Marys	-2.62%	-2.46%	-12.43%	-22.02%	-1.44%	-1.79%	-7.00%	-16.55%
Triabunna	3.41%	1.31%	18.27%	13.95%	4.41%	1.86%	24.08%	20.25%
Lindisfarne	1.30%	0.85%	6.67%	8.87%	2.68%	1.60%	14.15%	17.19%
Rokeby	3.93%	3.91%	21.25%	46.72%	5.54%	4.72%	30.94%	58.67%
Bridgewater	2.91%	3.04%	15.45%	34.91%	4.13%	3.69%	22.43%	43.71%
Chapel St	1.30%	1.58%	6.65%	16.92%	2.70%	2.32%	14.22%	25.78%
Creek Rd	0.34%	0.66%	1.69%	6.81%	1.59%	1.34%	8.23%	14.29%
North Hobart	0.57%	0.89%	2.87%	9.21%	1.62%	1.47%	8.39%	15.73%
Risdon	1.05%	1.06%	5.38%	11.10%	2.03%	1.60%	10.56%	17.24%
Devonport	1.76%	2.00%	9.11%	21.94%	2.74%	2.55%	14.47%	28.68%
Railton	-0.71%	-0.38%	-3.48%	-3.75%	0.43%	0.25%	2.18%	2.51%
Ulverstone	-0.25%	0.08%	-1.26%	0.77%	1.11%	0.82%	5.67%	8.48%
Wesley Vale	-0.25%	0.08%	-1.26%	0.77%	0.71%	0.62%	3.59%	6.34%
Derby	3.32%	3.39%	17.76%	39.61%	4.32%	3.95%	23.55%	47.33%
Scottsdale	2.80%	2.94%	14.83%	33.62%	3.80%	3.50%	20.50%	41.03%
Burnie	0.34%	0.66%	1.70%	6.81%	1.39%	1.24%	7.12%	13.15%
Emu Bay Retail	-0.25%	0.08%	-1.26%	0.77%	0.71%	0.62%	3.59%	6.34%
Port Latta	4.69%	4.54%	25.75%	55.91%	5.90%	5.19%	33.17%	65.80%
Smithton	-0.05%	-0.78%	-0.25%	-7.54%	0.91%	-0.25%	4.65%	-2.42%
Sorell	1.63%	1.89%	8.43%	20.56%	2.90%	2.57%	15.39%	28.90%
Electrona	1.08%	1.37%	5.50%	14.58%	2.30%	2.03%	12.04%	22.30%
Kermadie	0.83%	1.14%	4.22%	11.97%	2.03%	1.79%	10.55%	19.40%
Kingston	3.30%	1.97%	17.64%	21.49%	4.54%	2.63%	24.86%	29.69%
Knights Rd	1.29%	1.57%	6.61%	16.85%	2.42%	2.19%	12.73%	24.20%
George Town	1.70%	1.05%	8.81%	11.05%	2.74%	1.63%	14.45%	17.49%
Hadspen	1.13%	0.25%	5.78%	2.50%	2.11%	0.79%	10.98%	8.17%
Mowbray	-1.40%	-1.10%	-6.79%	-10.51%	-0.45%	-0.57%	-2.21%	-5.56%
Norwood	2.19%	2.39%	11.42%	26.65%	3.41%	3.05%	18.24%	35.03%
Palmerston	6.14%	5.70%	34.68%	74.15%	7.28%	6.32%	42.08%	84.57%
Trevallyn	1.83%	1.97%	9.48%	21.50%	2.81%	2.52%	14.86%	28.22%
Newton (Henty Gold)	-0.25%	0.08%	-1.26%	0.77%	0.73%	0.63%	3.72%	6.47%
Queenstown 22kV	-0.25%	0.08%	-1.26%	0.77%	1.12%	0.82%	5.73%	8.54%
Rosebery 44kV	1.37%	1.64%	7.02%	17.68%	2.35%	2.19%	12.34%	24.25%
Rosebery 22kV	-0.25%	0.08%	-1.26%	0.77%	0.96%	0.74%	4.90%	7.69%
Savage River	-0.25%	0.08%	-1.26%	0.77%	1.02%	0.77%	5.20%	8.00%

5 & 10 Year Forecast of Summer Load Growth in MW at 50% & 10% POE

Terminal stations	50 POE MW		Historical			Forecast										
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Arthurs Lake							0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Derwent Bridge	0.10	0.20	0.20	0.20	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Gordon	0.36	0.34	0.25	0.30	0.39	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.36
Meadowbank	4.26	5.74	4.87	5.94	5.30	5.21	5.15	5.16	5.21	5.25	5.31	5.36	5.42	5.46	5.53	5.59
New Norfolk	7.65	7.97	7.59	7.78	7.73	10.36	10.52	10.80	11.17	11.52	11.92	12.31	12.69	13.05	13.49	13.89
Tungatimah	0.66	0.98	0.74	0.83	0.64	0.78	0.77	0.77	0.77	0.77	0.78	0.78	0.78	0.78	0.79	0.79
Waddamana	0.50	0.44	0.40	0.78	0.79	0.55	0.59	0.63	0.69	0.74	0.79	0.85	0.90	0.96	1.01	1.07
Wayatinah	1.49	0.76	0.06	0.02	0.40	0.52	0.51	0.51	0.51	0.51	0.52	0.52	0.52	0.52	0.52	0.53
Avoca	6.57	6.82	6.38	7.74	6.93	5.57	5.51	5.51	5.57	5.62	5.68	5.74	5.80	5.85	5.92	5.99
St Marys	9.90	9.48	9.97	10.94	10.16	9.89	9.50	9.23	9.05	8.84	8.66	8.48	8.28	8.07	7.90	7.71
Triabunna	8.07	11.71	11.26	11.45	5.76	5.66	6.97	6.86	6.81	6.74	6.70	6.65	6.60	6.54	6.50	6.46
Lindisfarne		37.18	37.65	37.81	37.65	37.35	36.72	39.45	39.61	39.66	39.84	40.02	40.15	40.22	40.50	40.67
Rokeyby	19.84	24.99	24.73	24.64	21.72	20.78	21.36	22.17	23.19	24.15	25.20	26.25	27.28	28.27	29.42	30.49
Bridgewater	17.55	16.70	22.61	21.13	21.39	20.43	20.77	21.33	22.09	22.80	23.59	24.38	25.15	25.88	26.76	27.56
Chapel St	28.78	23.14	24.32	23.47	23.99	24.15	24.12	24.36	24.84	25.25	25.75	26.25	26.72	27.15	27.73	28.23
Creek Rd	55.06	60.41	61.43	62.45	63.79	59.84	59.18	59.20	59.78	60.21	60.85	61.48	62.03	62.50	63.29	63.91
North Hobart	37.22	37.95	34.99	35.98	33.33	35.02	34.72	34.81	35.24	35.57	36.03	36.48	36.89	37.25	37.80	38.25
Risdon	25.84	43.94	45.42	51.08	47.60	46.82	47.83	47.89	48.40	48.79	49.34	49.89	50.37	50.80	51.48	52.02
Devonport	35.03	43.33	40.95	43.58	39.27	41.13	41.29	41.90	42.92	43.82	44.88	45.94	46.94	47.89	49.09	50.16
Railton	44.11	49.11	43.27	44.53	45.01	41.29	40.41	40.00	39.98	39.85	39.85	39.85	39.79	39.68	39.76	39.74
Ulverstone	25.55	28.38	26.82	26.18	25.54	25.77	25.34	25.19	25.30	25.33	25.45	25.56	25.64	25.69	25.87	25.97
Wesley Vale			2.02	1.94	1.74	1.78	1.75	1.74	1.75	1.75	1.76	1.77	1.77	1.78	1.79	1.80
Derby	4.84	5.27	5.70	5.80	6.10	7.21	7.36	7.59	7.90	8.18	8.49	8.81	9.11	9.40	9.75	10.07
Scottsdale		16.39	13.30	11.10	13.10	9.41	9.56	9.80	10.14	10.46	10.81	11.16	11.50	11.83	12.22	12.58
Burnie	41.10	45.61	43.77	45.14	42.41	41.43	40.98	40.99	41.40	41.69	42.14	42.57	42.95	43.28	43.82	44.26
Emu Bay Retail	9.44	10.29	9.91	9.57	9.68	8.12	7.98	7.93	7.97	7.98	8.01	8.05	8.08	8.09	8.15	8.18
Port Latta	6.51	8.73	8.97	11.72	10.40	8.05	8.34	8.73	9.20	9.64	10.12	10.60	11.07	11.53	12.05	12.55
Smithton	21.17	22.76	22.41	23.50	23.10	19.44	20.72	20.25	19.98	19.65	19.39	19.12	18.82	18.49	18.26	17.97
Sorell	19.44	21.83	21.30	20.80	21.30	21.87	21.92	22.22	22.73	23.18	23.71	24.24	24.75	25.22	25.82	26.36
Electrona	7.99	9.24	9.30	9.41	10.20	11.94	11.90	11.99	12.20	12.37	12.59	12.81	13.02	13.20	13.46	13.68
Kermadie	4.82	4.96	5.04	5.29	5.05	5.06	5.03	5.05	5.13	5.19	5.27	5.35	5.42	5.49	5.58	5.66
Kingston	21.81	21.47	24.52	26.43	27.90	22.34	23.96	25.84	26.00	26.09	26.28	26.46	26.60	26.72	26.96	27.14
Knights Rd	10.99	10.68	11.33	12.04	12.08	12.85	12.84	12.97	13.22	13.44	13.70	13.97	14.22	14.45	14.75	15.02
George Town	23.13	16.27	22.32	21.98	19.71	19.61	21.25	21.13	21.21	21.24	21.34	21.43	21.50	21.54	21.69	21.78
Hadspen		26.66	29.24	28.47	27.33	31.88	34.94	34.40	34.20	33.90	33.72	33.53	33.29	33.01	32.89	32.68
Mowbray		26.73	26.45	30.97	25.30	20.17	19.61	19.28	19.14	18.94	18.80	18.67	18.50	18.31	18.21	18.05
Norwood	41.91	32.71	34.75	38.52	38.80	33.11	33.38	34.03	35.00	35.88	36.89	37.89	38.86	39.78	40.90	41.93
Palmerston		10.86	12.33	9.97	13.20	9.31	9.82	10.43	11.14	11.82	12.55	13.27	13.99	14.69	15.47	16.22
Trevallyn	84.59	51.70	51.86	59.04	52.32	42.25	42.83	43.39	44.37	45.23	46.26	47.27	48.24	49.14	50.30	51.34
Newton (Henty Gold)	4.42	3.66	4.35	3.37	3.45	3.69	3.63	3.61	3.62	3.63	3.65	3.66	3.67	3.68	3.71	3.72
Queenstown 22kV			5.95	5.38	4.63	4.80	4.72	4.69	4.71	4.71	4.74	4.76	4.77	4.78	4.81	4.83
Rosebery 44kV	3.97	3.49	5.18	15.59	11.96	12.76	12.75	12.89	13.15	13.38	13.65	13.93	14.18	14.42	14.74	15.01
Rosebery 22kV	2.18	2.35	2.07	2.13	1.65	0.95	0.94	0.93	0.94	0.94	0.94	0.95	0.95	0.95	0.96	0.96
Savage River		1.92	0.81	2.03	1.01	1.02	1.00	1.00	1.00	1.00	1.01	1.01	1.01	1.02	1.02	1.03

Forecast of Station Non Coincident Demand for Summer in MW at 50% POE

Terminal stations	10 POE MW		Historical			Forecast									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Arthurs Lake						0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20	0.20
Derwent Bridge	0.10	0.20	0.20	0.20	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
Gordon	0.36	0.34	0.25	0.30	0.39	0.35	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.38	0.38
Meadowbank	4.26	5.74	4.87	5.94	5.30	5.21	5.42	5.43	5.48	5.54	5.60	5.66	5.71	5.78	5.85
New Norfolk	7.65	7.97	7.59	7.78	7.73	10.36	11.00	11.31	11.69	12.10	12.50	12.92	13.31	13.74	14.19
Tungatinah	0.66	0.98	0.74	0.83	0.64	0.78	0.81	0.81	0.81	0.81	0.82	0.82	0.83	0.84	0.84
Waddamana	0.50	0.44	0.40	0.78	0.79	0.55	0.62	0.67	0.72	0.78	0.84	0.90	0.95	1.01	1.07
Wayatinah	1.49	0.76	0.06	0.02	0.40	0.52	0.54	0.54	0.54	0.54	0.54	0.54	0.55	0.55	0.56
Avoca	6.57	6.82	6.38	7.74	6.93	5.57	5.81	5.83	5.88	5.95	6.01	6.08	6.13	6.21	6.28
St Marys	9.90	9.48	9.97	10.94	10.16	9.89	10.04	9.78	9.58	9.39	9.20	9.01	8.80	8.61	8.43
Triabunna	8.07	11.71	11.26	11.45	5.76	5.66	7.29	7.18	7.12	7.08	7.03	6.98	6.92	6.88	6.84
Lindisfarne		37.18	37.65	37.81	37.65	37.35	39.22	42.15	42.27	42.46	42.64	42.84	42.95	43.19	43.46
Rokeby	19.84	24.99	24.73	24.64	21.72	20.78	23.10	23.99	25.03	26.12	27.21	28.33	29.39	30.55	31.74
Bridgewater	17.55	16.70	22.61	21.13	21.39	20.43	21.98	22.60	23.38	24.19	25.02	25.85	26.65	27.52	28.42
Chapel St	28.78	23.14	24.32	23.47	23.99	24.15	25.77	26.08	26.55	27.06	27.58	28.11	28.59	29.16	29.74
Creek Rd	55.06	60.41	61.43	62.45	63.79	59.84	62.78	62.92	63.47	64.11	64.76	65.43	65.99	66.73	67.51
North Hobart	37.22	37.95	34.99	35.98	33.33	35.02	36.46	36.62	37.03	37.49	37.96	38.44	38.85	39.37	39.93
Risdon	25.84	43.94	45.42	51.08	47.60	46.82	50.00	50.16	50.64	51.20	51.77	52.35	52.84	53.48	54.15
Devonport	35.03	43.33	40.95	43.58	39.27	41.13	43.16	43.89	44.91	45.99	47.09	48.20	49.24	50.42	51.64
Railton	44.11	49.11	43.27	44.53	45.01	41.29	42.62	42.28	42.21	42.20	42.19	42.19	42.12	42.15	42.22
Ulverstone	25.55	28.38	26.82	26.18	25.54	25.77	27.02	26.92	27.00	27.12	27.24	27.36	27.44	27.59	27.76
Wesley Vale			2.02	1.94	1.74	1.78	1.83	1.83	1.83	1.84	1.85	1.86	1.86	1.87	1.88
Derby	4.84	5.27	5.70	5.80	6.10	7.21	7.70	7.95	8.26	8.58	8.91	9.24	9.56	9.90	10.25
Scottsdale		16.39	13.30	11.10	13.10	9.41	9.99	10.27	10.61	10.98	11.34	11.71	12.07	12.45	12.86
Burnie	41.10	45.61	43.77	45.14	42.41	41.43	43.01	43.11	43.49	43.94	44.38	44.85	45.23	45.74	46.28
Emu Bay Retail	9.44	10.29	9.91	9.57	9.68	8.12	8.34	8.31	8.34	8.37	8.41	8.45	8.47	8.52	8.57
Port Latta	6.51	8.73	8.97	11.72	10.40	8.05	8.82	9.24	9.72	10.22	10.72	11.23	11.71	12.24	12.78
Smithton	21.17	22.76	22.41	23.50	23.10	19.44	21.66	21.21	20.90	20.62	20.34	20.06	19.74	19.47	19.21
Sorell	19.44	21.83	21.30	20.80	21.30	21.87	23.27	23.63	24.13	24.68	25.23	25.80	26.32	26.91	27.53
Electrona	7.99	9.24	9.30	9.41	10.20	11.94	12.60	12.72	12.92	13.15	13.38	13.61	13.82	14.06	14.32
Kermadie	4.82	4.96	5.04	5.29	5.05	5.06	5.32	5.36	5.43	5.51	5.59	5.68	5.75	5.84	5.94
Kingston	21.81	21.47	24.52	26.43	27.90	22.34	25.36	27.38	27.52	27.71	27.89	28.09	28.23	28.45	28.69
Knights Rd	10.99	10.68	11.33	12.04	12.08	12.85	13.53	13.69	13.94	14.22	14.49	14.77	15.02	15.32	15.63
George Town	23.13	16.27	22.32	21.98	19.71	19.61	22.27	22.19	22.25	22.35	22.45	22.55	22.61	22.74	22.88
Hadspen		26.66	29.24	28.47	27.33	31.88	36.52	36.04	35.79	35.58	35.38	35.19	34.92	34.75	34.60
Mowbray		26.73	26.45	30.97	25.30	20.17	20.50	20.20	20.02	19.88	19.73	19.59	19.40	19.27	19.15
Norwood	41.91	32.71	34.75	38.52	38.80	33.11	35.34	36.08	37.06	38.10	39.14	40.21	41.21	42.33	43.48
Palmerston		10.86	12.33	9.97	13.20	9.31	10.34	11.00	11.73	12.48	13.23	14.00	14.75	15.54	16.35
Trevallyn	84.59	51.70	51.86	59.04	52.32	42.25	44.78	45.46	46.43	47.47	48.53	49.61	50.59	51.73	52.92
Newton (Henty Gold)	4.42	3.66	4.35	3.37	3.45	3.69	3.80	3.79	3.80	3.81	3.83	3.85	3.86	3.88	3.90
Queenstown 22kV			5.95	5.38	4.63	4.80	5.03	5.01	5.03	5.05	5.07	5.10	5.11	5.14	5.17
Rosebery 44kV	3.97	3.49	5.18	15.59	11.96	12.76	13.34	13.51	13.77	14.05	14.33	14.62	14.88	15.19	15.51
Rosebery 22kV	2.18	2.35	2.07	2.13	1.65	0.95	0.99	0.99	0.99	1.00	1.00	1.00	1.01	1.01	1.02
Savage River		1.92	0.81	2.03	1.01	1.02	1.06	1.06	1.06	1.07	1.07	1.08	1.08	1.09	1.10

Forecast of Station Non Coincident Demand for Summer in MW at 10% POE

1.4. Summary of Zone Substations forecast

The following tables present the five and ten year growth and demand forecasts for summer and winter at 50 per cent and 10 per cent POE, in MW, for each of the Aurora zone substations.

Planning Region	Zone substations	Connection voltage (kV)	50 POE		10 POE		MW		MW	
			5 year growth (p.a.)	10 year growth (p.a.)	5 year growth	10 year growth	5 year growth (p.a.)	10 year growth (p.a.)	5 year growth	10 year growth
Hobart East	Bellerive	11	1.66%	2.02%	8.58%	22.17%	2.19%	2.30%	11.43%	25.52%
Hobart East	Cambridge	11	5.30%	3.83%	29.47%	45.67%	5.79%	4.09%	32.52%	49.27%
Hobart East	Geilston Bay	11	1.66%	2.02%	8.58%	22.17%	2.19%	2.30%	11.43%	25.52%
Hobart West	Claremont	11	1.62%	1.84%	8.34%	19.98%	2.16%	2.12%	11.25%	23.38%
Hobart West	Derwent Park	11	1.18%	1.28%	6.03%	13.57%	1.73%	1.58%	8.97%	16.99%
Hobart West	East Hobart	11	-0.11%	0.63%	-0.56%	6.51%	0.46%	0.95%	2.33%	9.87%
Hobart West	New Town	11	-0.11%	0.63%	-0.56%	6.51%	0.46%	0.95%	2.33%	9.87%
Hobart West	Sandy Bay	11	1.62%	1.84%	8.34%	19.98%	2.16%	2.12%	11.25%	23.38%
Hobart West	West Hobart	11	1.62%	1.84%	8.34%	19.98%	2.16%	2.12%	11.25%	23.38%
West Coast	Trial Harbour	44	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

5 & 10 Year Forecast of Winter Load Growth in MW at 50% & 10% POE

Zone substations	50 POE			MW	Historical			Forecast									
	2006	2007	2008		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bellerive	29.23	27.68	29.27	24.94	21.17	21.97	22.03	22.41	22.90	23.36	23.85	24.44	25.01	25.57	26.20	26.84	
Cambridge				11.20	12.02	15.59	18.65	18.96	19.38	19.77	20.19	20.68	21.16	21.64	22.17	22.71	
Geilston Bay	28.00	31.49	30.71	28.02	28.24	26.89	26.97	27.42	28.02	28.59	29.19	29.91	30.60	31.29	32.07	32.85	
Claremont	14.35	21.98	16.98	17.32	29.09	25.29	25.64	25.99	26.47	26.92	27.40	27.98	28.54	29.09	29.71	30.34	
Derwent Park		22.09	22.62	22.35	27.24	22.63	23.05	23.22	23.49	23.73	24.00	24.35	24.67	24.97	25.34	25.70	
East Hobart	14.55	27.60	29.31	31.23	36.08	29.97	28.63	28.83	29.18	29.47	29.81	30.24	30.64	31.02	31.47	31.92	
New Town		23.44	22.80	23.39	13.70	21.84	20.86	21.01	21.26	21.47	21.71	22.03	22.32	22.60	22.93	23.26	
Sandy Bay	55.87	47.33	50.25	50.30	52.51	43.54	44.15	44.75	45.57	46.34	47.17	48.17	49.13	50.08	51.16	52.24	
West Hobart	49.40	58.25	59.57	44.92	40.72	43.20	43.81	44.40	45.22	45.99	46.81	47.80	48.76	49.69	50.76	51.84	
Trial Harbour	1.98	3.27	11.21		11.73	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	

Forecast of Station Non Coincident Demand for Winter in MW at 50% POE

Zone substations	10 POE			MW	Historical			Forecast									
	2006	2007	2008		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bellerive	30.29	28.45	30.21	25.68	21.75	22.61	23.14	23.61	24.08	24.64	25.20	25.80	26.38	27.00	27.67	28.39	
Cambridge				11.36	12.27	15.86	19.29	19.68	20.08	20.55	21.01	21.51	21.99	22.51	23.08	23.67	
Geilston Bay	29.00	32.35	31.76	28.82	29.13	27.60	28.24	28.81	29.39	30.07	30.76	31.49	32.19	32.95	33.78	34.65	
Claremont	14.93	22.64	17.33	17.90	29.69	26.13	27.03	27.49	27.95	28.51	29.07	29.67	30.23	30.85	31.52	32.24	
Derwent Park		22.71	23.26	22.89	27.83	23.13	24.04	24.30	24.55	24.88	25.20	25.56	25.88	26.24	26.64	27.06	
East Hobart	14.55	28.31	29.83	32.02	36.74	30.72	29.99	30.31	30.63	31.04	31.44	31.88	32.28	32.73	33.23	33.76	
New Town		24.11	23.48	23.93	14.00	22.45	21.92	22.15	22.38	22.68	22.98	23.30	23.59	23.92	24.28	24.67	
Sandy Bay	56.66	48.61	51.66	51.87	53.60	44.84	46.39	47.18	47.97	48.93	49.88	50.91	51.88	52.95	54.10	55.32	
West Hobart	50.20	59.61	60.36	46.13	41.00	44.30	45.83	46.61	47.39	48.34	49.28	50.30	51.26	52.31	53.45	54.65	
Trial Harbour	2.01	3.30	11.83		11.73	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	2.57	

Forecast of Station Non Coincident Demand for Winter in MW at 10% POE

Zone substations	50 POE		MW		10 POE		MW	
	5 year growth (p.a.)	10 year growth (p.a.)	5 year growth	10 year growth	5 year growth (p.a.)	10 year growth (p.a.)	5 year growth	10 year growth
Bellerive	-0.61%	-0.10%	-3.03%	-1.03%	0.42%	0.47%	2.11%	4.83%
Cambridge	6.13%	3.23%	34.64%	37.42%	7.17%	3.80%	41.40%	45.15%
Geilston Bay	-0.61%	-0.10%	-3.03%	-1.03%	0.42%	0.47%	2.11%	4.83%
Claremont	1.51%	1.25%	7.77%	13.19%	2.52%	1.81%	13.27%	19.61%
Derwent Park	5.19%	3.10%	28.76%	35.75%	6.15%	3.64%	34.77%	42.91%
East Hobart	3.03%	2.04%	16.10%	22.40%	3.97%	2.57%	21.51%	28.86%
New Town	3.03%	2.04%	16.10%	22.40%	3.97%	2.57%	21.51%	28.86%
Sandy Bay	1.51%	1.25%	7.77%	13.19%	2.52%	1.81%	13.27%	19.61%
West Hobart	1.51%	1.25%	7.77%	13.19%	2.52%	1.81%	13.27%	19.61%
Trial Harbour	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

5 & 10 Year Forecast of Summer Load Growth in MW at 50% & 10% POE

Zone substations	50 POE MW			Historical	Forecast												
	2006	2007	2008		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bellerive		18.00	18.32	18.63	13.18	12.85	12.38	12.34	12.39	12.40	12.45	12.52	12.55	12.58	12.66	12.72	
Cambridge					8.67	7.72	7.44	10.29	10.33	10.40	10.44	10.48	10.49	10.57	10.61		
Geilston Bay		16.80	19.29	18.98	16.92	17.10	16.47	16.41	16.48	16.50	16.58	16.65	16.70	16.74	16.85	16.92	
Claremont	15.68	18.60	10.04	10.46	23.53	13.20	13.84	13.98	14.08	14.23	14.38	14.50	14.62	14.80	14.95		
Derwent Park		21.97	17.84	15.51	13.78	13.75	17.16	17.18	17.37	17.51	17.71	17.90	18.08	18.23	18.47	18.67	
East Hobart		25.21	23.04	30.70	29.35	20.32	22.87	22.90	23.14	23.33	23.59	23.86	24.09	24.29	24.61	24.88	
New Town		17.40	16.74	16.73	17.07	13.17	14.82	14.84	15.00	15.12	15.29	15.46	15.61	15.74	15.95	16.12	
Sandy Bay		27.50	23.72	28.15	28.25	27.57	22.80	23.90	23.91	24.14	24.32	24.58	24.83	25.05	25.24	25.81	
West Hobart		32.64	36.43	29.27	28.16	30.31	25.17	26.38	26.38	26.65	26.84	27.12	27.40	27.65	27.86	28.21	28.49
Trial Harbour	1.39	1.76	2.73	0.00	1.74	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62

Forecast of Station Non Coincident Demand for Summer in MW at 50% POE

Zone substations	10 POE MW			Historical	Forecast												
	2006	2007	2008		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Bellerive		18.14	18.64	18.94	13.54	12.95	13.09	13.07	13.11	13.17	13.22	13.29	13.32	13.40	13.48	13.58	
Cambridge					8.82	7.80	7.88	10.90	10.93	10.98	11.03	11.08	11.11	11.17	11.24	11.32	
Geilston Bay		17.23	19.94	19.66	17.60	17.57	17.77	17.74	17.79	17.87	17.95	18.03	18.08	18.18	18.29	18.42	
Claremont	15.68	18.67	10.21	10.66	24.20	13.33	14.63	14.66	14.79	14.94	15.09	15.25	15.38	15.55	15.74	15.94	
Derwent Park		22.03	18.08	15.61	14.13	13.75	17.90	17.96	18.13	18.33	18.53	18.74	18.91	19.14	19.38	19.65	
East Hobart		25.21	23.04	30.70	29.46	20.32	23.85	23.93	24.16	24.43	24.70	24.97	25.21	25.51	25.83	26.19	
New Town		17.52	16.98	17.01	17.45	13.27	15.58	15.63	15.78	15.96	16.13	16.31	16.46	16.66	16.87	17.11	
Sandy Bay		27.87	24.21	28.84	29.06	28.42	23.37	25.66	25.72	25.94	26.20	26.47	26.74	26.97	27.27	27.59	27.95
West Hobart		32.86	36.59	29.73	28.45	30.92	25.23	27.70	27.77	28.01	28.29	28.58	28.88	29.12	29.45	29.79	30.18
Trial Harbour	1.42	1.78	2.77	0.00	1.77	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63	1.63

Forecast of Station Non Coincident Demand for Summer in MW at 10% POE