Appendix I- NPV results

This Appendix presents the detailed NPV results for the RIT-T analysis.

The results are presented separately for each of the four reasonable scenarios assessed under the RIT-T.

For each scenario, the following results are presented for each of the nine credible options considered:

- Market benefits per year ($m): broken down by each material category of market benefit considered.
- Costs per year ($m)
- Net market benefit per year ($m): i.e. total market benefits per year minus costs per year.
- Overall (discounted) NPV of the net market benefit ($m).

In addition, the following information is also provided in relation to the base case assumed for each scenario:

- Dispatch outcomes: GWh dispatch per year, for each type of generation for each NEM jurisdiction.
- Generation expansion plan: MW of new generation investment per year, for each type of generation for each NEM jurisdiction and its sub-regions.

For each option:

- Dispatch outcomes: GWh difference from base case (per year, in aggregate for each type of generation for each NEM jurisdiction).
- New generation investment: MW difference in generation investment from the base case (per year, in for each type of generation for each NEM jurisdiction and its sub-regions).

The nine options being considered are referred to throughout this spreadsheet by shortened descriptors of the options as follows:

- Option 1a, Split132+cap+HYTx - Installation of a 3rd 500/275 kV transformer at Heywood and 500 kV bus tie, plus a 100 MVAr capacitor at South East substation and reconfiguration of the 132 kV network between Snuggery-Keith and Keith-Tailem Bend (South Australia).
- Option 1b, Split132+sc+HYTx - Installation of a 3rd 500/275 kV transformer at Heywood and 500 kV bus tie, plus fixed 275 kV series compensation in South Australia and reconfiguration of the 132 kV network between Snuggery-Keith and Keith-Tailem Bend (South Australia).
- Option 2a, Split 132+cap+HYTx+SETx - Option 1a + installation of a 3rd South East transformer.
- Option 2b, Split132+sc+HYTx+SETx - Option 1b + installation of a 3rd South East transformer.
- Option 3, Krongart - Construct a new Krongart-Heywood 500 kV interconnector and associated 275 kV works between Krongart and Tungkillo (South Australia).
- Option 4, Split132+cap - Reconfiguration of the 132 kV network between Snuggery-Keith and Keith-Tailem Bend (South Australia), plus a 100 MVAr capacitor.
- Option 5, DSM+1b - Five-year, 200 MW demand management program plus Option 1b, deferred by three years.
- Option 6a, Control Scheme+BT - Control scheme applying to specific wind generation in South Australia and the South East substation plus 500 kV bus tie.
- Option 6b, ConSch+split132+sc - Control scheme applying to specific wind generation in South Australia and the South East substation plus Option 1b, but without the 3rd Heywood transformer.

All data is presented on a financial year basis, i.e., 13/14 (or 1314) representing the 2013/2014 financial year from July 2013 through June 2014.

Net Market Benefits ($m) - Central Scenario

Option 1a

Split 132 cap HY x	2010/11	2011 12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020 21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	-	(0.0)	(0.1)	0.0	(0.0)	0.1	(0.0)	(0.1)	0.9	(0.0)	-	(0.0)	0.0	(0.3)	(0.1)	-	(0.0)	(0.1)	(0.1)	(0.0)	(0.1)	(0.0)	0.0	0.8	(0.1)	(1.)	(0.7)	-
Network Loss Benefit	-		-	(0.0)	(0.0)	(0.2)	(0.7)	(0.7)	(0 7)	(0.9)	(0.9)	(0.9)	(0.9)	0.2	0.1	(1.0)	(1.2)	(1.5)	(2.1)	(.0)	(6.0)	(6.1)	(5 9)	(5.2)	(6.5)	(7.7)	(8.2)	(7.)	(7.0)	(6.5)	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.9)	(0.9)	(7.7)	9.0	16.8	19.9	17.9	2 .6	27.8	30.7	63.9	67.7	61.5	35.6	38.1	33 0	11.	17.3	10.	23.7	37.7	38.3	(3.9)	1 .9	7 8	6 .	.5	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	0.0	5.7	5.9	5.5	6.8	7.7	6.5	5.3	5.6	(32.1)	-28.3	(25.7)	7.	7.	0.3	5.0	(7.9)	1.	2 8	(15.6)	(12.9)	30.1	6.1	(2 .)	(.9)	(38.9)	-
Total Benefit				**(0 9)**	**(0 9)**	**(2 4)**	**14 2**	**21 6**	**26 1**	**24 7**	**30 1**	**33 1**	**35 4**	**32 0**	**39 4**	**34 9**	**41 5**	**43 9**	**31 1**	**12 3**	**3 4**	**5 5**	**20 5**	**16 8**	**18 9**	**18 4**	**13 5**	**16 0**	**11 2**	**(1 6)**	**15 6**
NEM Augmentation Cost							**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**
Net Benefit				**(0 9)**	(0.9)	(2.)	.6	12.0	16.6	15.2	20.6	23.6	25.9	22.5	29.9	25.3	32.0	3 .3	21 6	2.8	(6.2)	(.0)	11.0	7.2	9.3	8.9	.0	6.	1.7	(11.1)	**2 0**

Net Present Value (discounted)	**86 8**

Option 1b

Split132 sc HY x	2010/11	2011 12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020 21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	-	(0.0)	(0.1)	0.0	(0.0)	0.1	(0.0)	(0.1)	0.9	(0.0)	-	(0.0)	(0.0)	(0.3)	(0.1)	-	(0.0)	(0.1)	(0.1)	(0.0)	(0.1)	(0.0)	0.0	0.8	(0.1)	(1.)	(0.6)	-
Network Loss Benefit	-		-	0.0	(0.0)	(0.2)	(1.2)	(1.3)	(1 2)	(1.5)	(1.6)	(1.6)	(1.8)	(0.6)	(0.8)	(1.6)	(2.0)	(2.3)	(3.0)	(.9)	(6.7)	(7.0)	(6 8)	(6.0)	(7.3)	(8.)	(9.2)	(8.3)	(7.8)	(7.0)	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	0.0	0.0	(7.0)	13.8	22.5	2 .8	23.3	30.8	35.2	38.6	72.2	75.8	69.8	5.1	8.6	.	22.	3 .7	27.0	0.	5 .2	55.6	10.8	31.8	66 2	82.	59.1	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	0.0	5.7	5.9	5.5	6.8	7.7	6.5	5.3	5.6	(32.1)	-28.3	(25.7)	7.	7.	0.3	5.0	(7.9)	1.	2 8	(15.6)	(12.9)	30.1	6.1	(2 .)	(.9)	(38.9)	-
Total Benefit				**0 0**	**(0 0)**	**(1 6)**	**18 5**	**26 7**	**30 5**	**29 5**	**35 7**	**39 8**	**42 4**	**39 5**	**46 7**	**42 6**	**50 3**	**53 6**	**41 7**	**22 4**	**20 0**	**21 3**	**36 4**	**32 5**	**35 3**	**32 5**	**29 5**	**33 4**	**28 3**	**12 6**	**31 8**
NEM Augmentation Cost							**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**
Net Benefit				**0 0**	(0.0)	(1.6)	5.3	13.5	17.3	16.	22.5	26.6	29.3	26.3	33.6	29.	37.1	0.	28 5	9.3	6.8	8.1	23.2	19.	22.2	19.3	16.	20 3	15.2	(0.6)	**14 1**

Net Present Value (discounted)	**119 3**

Option 2a

Split 132 cap HY x SE x	2010/11	2011 12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020 21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	-	(0.0)	(0.1)	0.0	(0.0)	0.1	(0.0)	(0.1)	0.9	(0.0)	-	(0.0)	(0.0)	(0.3)	(0.1)	-	(0.0)	(0.1)	(0.1)	(0.0)	(0.1)	(0.0)	0.0	0.8	(0.1)	(1.)	(0.7)	-
Network Loss Benefit	-		-	0.0	0.0	(0.2)	(0.7)	(0.7)	(0 7)	(0.9)	(0.9)	(0.9)	(0.9)	0.2	0.1	(1.0)	(1.2)	(1.5)	(2.1)	(.0)	(6.0)	(6.1)	(5 9)	(5.2)	(6.5)	(7.7)	(8.3)	(7.)	(7.0)	(6.5)	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.0)	0.0	(7.0)	9.7	17.6	20.6	18.6	25.3	28.6	31.	6 .8	68.6	62.	36.6	39.1	33 9	12.	18.	11.6	2 .8	38.9	39.5	(3.0)	16.2	9 0	65.2	5.	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	5.7	5.9	5.5	6.8	7.7	6.5	5.3	5.6	(32.1)	-28.3	(25.7)	7.	7.	0.3	5.0	(7.9)	1.	2 8	(15.6)	(12.9)	30.1	6.1	(2 .)	(.9)	(38.9)	-
Total Benefit				**(0 0)**	**0 0**	**(1 7)**	**14 9**	**22 3**	**26 8**	**25 4**	**30 8**	**34 0**	**36 2**	**32 9**	**40 3**	**35 8**	**42 4**	**44 9**	**32 1**	**13 3**	**4 5**	**6 8**	**21 6**	**18 0**	**20 1**	**19 4**	**14 9**	**17 1**	**11 9**	**(0 6)**	**16 7**
NEM Augmentation Cost							**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**
Net Benefit				**(0 0)**	0.0	(1.7)	3.3	10.7	15.1	13.7	19.1	22.3	2 .5	21.3	28.6	2 .2	30.8	33.2	20.	1.6	(7.2)	(.9)	10.0	6.3	8.	7.7	3.2	5.5	0.3	(12.3)	**0 9**

Net Present Value (discounted)	**81 0**

Option 2b

Split132 sc HY x SE x	2010/11	2011 12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020 21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	-	0.0	(0.1)	0.0	(0.0)	0.1	(0.0)	(0.1)	0.9	(0.0)	-	(0.0)	(0.0)	(0.3)	(0.1)	-	(0.0)	(0.1)	(0.1)	(0.0)	(0.1)	(0.0)	0.0	0.8	(0.1)	(1.3)	(0.6)	-
Network Loss Benefit	-		-	0.0	(0.0)	(0.2)	(1.2)	(1.3)	(1 2)	(1.5)	(1.6)	(1.6)	(1.8)	(0.6)	(0.8)	(1.6)	(2.0)	(2.3)	(3.0)	(.9)	(6.7)	(7.0)	(6 8)	(6.0)	(7.3)	(8.)	(9.2)	(8.3)	(7.8)	(7.0)	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	0.0	0.0	(7.0)	13.8	22.5	2 .8	23.	30.8	35.2	38.6	72.2	75.8	69.8	5.1	8.6	.	22.3	3 .8	27.0	0.5	5 .2	55.6	10.7	31.6	66 0	82.8	59.3	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	5.7	5.9	5.5	6.8	7.7	6.5	5.3	5.6	(32.1)	-28.3	(25.7)	7.	7.	0.3	5.0	(7.9)	1.	2 8	(15.6)	(12.9)	30.1	6.1	(2 .)	(.9)	(38.9)	-
Total Benefit				**0 0**	**0 0**	**(1 6)**	**18 5**	**26 7**	**30 4**	**29 6**	**35 7**	**39 8**	**42 4**	**39 5**	**46 7**	**42 5**	**50 3**	**53 6**	**41 7**	**22 4**	**20 1**	**21 2**	**36 4**	**32 5**	**35 3**	**32 4**	**29 3**	**33 2**	**28 8**	**12 7**	**31 8**
NEM Augmentation Cost							**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**
Net Benefit				**0 0**	0.0	(1.6)	3.2	11.	15.2	1 .3	20.	2 .5	27.2	2 .2	31.	27.2	35.0	38.3	26.	7.1	.8	5.9	21.2	17.2	20.0	17.1	1 .0	17 9	13.5	(2.6)	**12 0**

Net Present Value (discounted)	**106 6**

Option 3

Krongart 500kV	2010/11	2011 12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020 21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	-	0.0	(0.0)	0.0	(0.0)	0.3	(0.0)	(0.1)	0.9	(0.0)	-	(0.1)	(0.1)	(0.2)	(0.0)	-	0.0	(0.0)	(0.0)	0 0	(0.0)	(0.0)	0.1	1.1	(0.2)	0.5	(0.2)	-
Network Loss Benefit	-		-	(0.0)	(0.0)	0.0	0.0	(0.0)	(0 0)	(0.0)	(0.1)	(0.1)	0.1	0.6	(0.5)	0.7	1.0	1.0	0.3	(2.3)	(3.)	(3.7)	(.2)	(3.1)	(.7)	(6.2)	(8.0)	(6.5)	(7.0)	(8.3)	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.8)	(0.8)	(0.8)	(1.5)	(1.7)	(1 2)	(1.3)	(2.5)	(3.1)	(1.6)	15.7	1.6	96.8	98.2	11 .	109.9	76.6	158.7	160.1	161.9	167.6	181.6	152.8	210.8	225.7	279.0	272.0	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	0.0	-	2.5	3.	3.2	3.5	.1	.2	3.3	3.3	(26.9)	-32.2	(29.8)	11.8	12.0	7.0	12.7	(50.6)	(8.1)	(8.9)	(8.9)	(55.7)	(2 .)	(62.)	(78 6)	(135.1)	(130.9)	-
Total Benefit				**(0 8)**	**(0 8)**	**1 7**	**1 9**	**1 4**	**2 5**	**2 7**	**1 5**	**1 0**	**1 7**	**(10 5)**	**8 8**	**67 7**	**110 8**	**127 3**	**117 2**	**87 1**	**104 7**	**108 2**	**108 9**	**115 6**	**121 2**	**122 3**	**141 4**	**140 5**	**137 4**	**132 6**	**132 6**
NEM Augmentation Cost																**51 0**	**51 0**	**51 0**	**51 0**	**51 0**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**
Net Benefit				**(0 8)**	(0.8)	1.7	1.9	1.	2.5	2.7	1.5	1.0	1.7	(10.5)	8.8	16.7	59.8	76.3	66 2	36.1	(.0)	(0.)	0 2	7.0	12.5	13.7	32.8	31 8	28.7	23.9	**26 2**

Net Present Value (discounted)	**78 6**

Option 4

Split132 cap	2010/11	2011 12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020 21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	-	(0.0)	(0.1)	0.0	(0.0)	0.0	(0.0)	(0.1)	0.9	(0.0)	-	(0.1)	0.0	(0.2)	(0.1)	-	(0.1)	(0.1)	(0.2)	(0.1)	(0.1)	(0.0)	(0.1)	0.8	(0.1)	(1.)	(0.7)	-
Network Loss Benefit	-		-	(0.0)	(0.0)	(0.2)	(0.2)	(0.2)	0.0	(0.1)	(0.2)	(0.1)	(0.0)	1.0	0.7	(0.2)	(0.5)	(0.7)	(1.5)	(3.6)	(5.3)	(5.)	(5 3)	(.6)	(5.8)	(6.5)	(7.0)	(6.1)	(5.8)	(5.3)	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.9)	(0.9)	(7.7)	2.8	10.2	11.5	7.6	1 .7	17.2	19.7	5 .2	59.6	51.3	25.0	26.7	22 0	2.	5.9	(1.3)	12.5	27.5	29.0	(19.7)	(2.6)	30 8	7.2	25.9	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	5.7	5.9	5.5	6.8	7.7	6.5	5.3	5.6	(32.1)	-28.3	(25.7)	7.	7.	0.3	5.0	(7.9)	1.	2 8	(15.6)	(12.9)	30.1	6.1	(2 .)	(.9)	(38.9)	-
Total Benefit				**(0 9)**	**(0 9)**	**(2 3)**	**8 5**	**15 5**	**18 3**	**15 2**	**21 0**	**23 3**	**25 3**	**23 1**	**31 9**	**25 4**	**31 6**	**33 3**	**20 8**	**3 7**	**(7 3)**	**(5 6)**	**9 9**	**7 3**	**10 2**	**3 7**	**(2 7)**	**0 1**	**(4 9)**	**(18 9)**	**1 3**

NE Augmentation Cost						**0 9**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**
Net Benef t				**(0 9)**	(0.9)	(3.2)	3.5	10.5	13.3	10.3	16.0	18.3	20.3	18.1	26.9	20.5	26.7	28.3	15 8	(1.3)	(12.3)	(10.5)	5 0	2.3	5.3	(1.2)	(7.6)	(.8)	(9.8)	(23.9)	**(9 5)**

Net Present Value (discounted)	**55 3**

Option 5

DSM 1b	2010/11	2011 12	2012/13	2013/1	201 /15	2015/16	2016/17	2017/18	2018/19	2019/20	2020 21	2021/22	2022/23	2023/2	202 /25	2025/26	2026/27	2027/28	2028/29	2029 30	2030/31	2031/32	2032/33	2033/3	203 /35	2035/36	2036/37	2037/38	2038/39	2039/ 0	Ongoing
Reliab lity Benefit	-		-	-	(0.0)	(0.0)	0.0	(0.0)	0.1	(0.0)	(0.1)	0.9	(0.0)	-	(0.0)	(0.0)	(0.3)	(0.1)	-	(0.0)	(0.1)	(0.1)	(0.0)	(0.1)	(0.0)	0.0	0.8	(0.1)	(1.)	(0.6)	-
Network Loss Benef t	-		-	(0.0)	(0.0)	0.0	0.0	(0.0)	(1 2)	(1.5)	(1.6)	(1.6)	(1.8)	(0.6)	(0.8)	(1.6)	(2.0)	(2.3)	(3.0)	(.9)	(6.7)	(7.0)	(6 8)	(6.0)	(7.3)	(8.)	(9.2)	(8.3)	(7.8)	(7.0)	-
Fixed Cost Bene it	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.0)	0.0	(0.2)	(0.7)	(1.3)	2 .8	23.3	30.8	35.2	38.6	72.2	75.8	69.8	5.1	8.6	.	22.	3 .7	27.0	0.	5 .2	55.6	10.8	31.8	66 2	82.	59.1	-
Compet tion benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	27.5	27.5	26.8	28.3	28.6	6.8	7.7	6.5	5.3	5.6	(32.1)	-28.3	(25.7)	7.	7.	0.3	5.0	(7.9)	1.	2 8	(15.6)	(12.9)	30.1	6.1	(2 .)	(.9)	(38.9)	-
otal Benefit				**27 4**	**27 4**	**26 7**	**27 6**	**27 3**	**30 5**	**29 5**	**35 7**	**39 8**	**42 4**	**39 5**	**46 7**	**42 6**	**50 3**	**53 6**	**41 7**	**22 4**	**20 0**	**21 3**	**36 4**	**32 5**	**35 3**	**32 5**	**29 5**	**33 4**	**28 3**	**12 6**	**31 8**
NE Augmentation Cost				**24 0**	**24 0**	**25 8**	**25 8**	**25 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**
Net Benef t				**3 4**	3.	0.9	1.8	1.5	16.6	15.7	21.8	25.9	28.6	25.6	32.9	28.7	36.	39.7	27 8	8.6	6.1	7.	22.5	18.7	21.5	18.6	15.7	19 6	1 .5	(1.2)	**13 4**

Net Present Value (discounted)	**114 3**

Option 6a

Control Scheme B	2010/11	2011 12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020 21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliab lity Benefit	-		-	-	(0.0)	(0.0)	(0.0)	0.0	(0 0)	(0.0)	0.0	(0.0)	(0.0)	-	(0.0)	0.0	(0.0)	0.0	-	(0.0)	(0.0)	(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	0.5	0.0	(0.0)	0.0	-
Network Loss Benef t	-		-	(0.0)	(0.0)	(0.1)	(0.1)	(0.1)	(0.1)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.)	(0.6)	(0.6)	(0.5)	(0.6)	(0.6)	(0.7)	(0 7)	(0.7)	(0.7)	(0.9)	(1.0)	(1.0)	(1.0)	(0.8)	-
Fixed Cost Bene it	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.9)	(0.9)	0.7	0.6	1.0	0.9	2.1	2.0	1.9	1.9	1.7	1.6	3.8	5.7	5.7	6.3	6.5	6.	6.7	6 3	5.2	6.	8.7	10.2	10 5	9.7	10.5	-
Compet tion benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	-	-	-	0.0	-	0.0	-	-	-	0.0	-	0.0	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
otal Benefit				**(0 9)**	**(0 9)**	**0 6**	**0 5**	**0 9**	**0 8**	**1 9**	**1 8**	**1 7**	**1 7**	**1 5**	**1 4**	**3 4**	**5 1**	**5 1**	**5 7**	**6 0**	**5 8**	**5 9**	**5 6**	**4 5**	**5 7**	**7 8**	**9 7**	**9 5**	**8 7**	**9 7**	**8 3**
NE Augmentation Cost						**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**3 3**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**3 3**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**
Net Benef t				**(0 9)**	(0.9)	(1.8)	(1.9)	(1.6)	(1 6)	(0.5)	(0.7)	(0.7)	(0.7)	(1.8)	(1.0)	1.0	2.6	2.6	3.3	3.	3.	3.5	2 3	2.1	3.3	5.3	7.3	7.1	6.1	7.3	**6 7**

Net Present Value (discounted)	**3 2**

Option 6b

ConSch spl/t132 sc	2010/11	2011 12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020 21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliab lity Benefit	-		-	-	0.0	(0.1)	0.0	(0.0)	0.1	(0.0)	(0.1)	0.9	(0.0)	-	(0.0)	(0.0)	(0.3)	(0.1)	-	(0.1)	(0.1)	(0.2)	(0.1)	(0.1)	(0.0)	(0.1)	0.8	(0.1)	(1.3)	(0.6)	-
Network Loss Benef t	-		-	0.0	0.0	(0.3)	(0.5)	(0.6)	(0 5)	(0.8)	(0.8)	(0.8)	(0.7)	0.0	(0.5)	(1.5)	(1.7)	(2.0)	(2.7)	(.7)	(6.)	(6.5)	(6.)	(5.8)	(6.9)	(8.3)	(9.0)	(8.1)	(7.6)	(7.2)	-
Fixed Cost Bene it	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	0.0	0.0	(5.0)	8.9	16.7	20.3	17.7	25.	28.	31.2	67.5	73.5	68.8	3.0	5.	1.	20.0	30.2	19.5	3 .1	50.2	9.7	7.2	28.3	61.	78.9	60.5	-
Compet tion benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	-	-	5.7	5.9	5.5	6.8	7.7	6.5	5.3	5.6	(32.1)	-28.3	(25.7)	7.	7.	0.3	5.0	(7.9)	1.	2 8	(15.6)	(12.9)	30.1	6.1	(2 .)	(.9)	(38.9)	-
otal Benefit				**0 0**	**0 0**	**0 3**	**14 3**	**21 6**	**26 6**	**24 7**	**30 9**	**33 8**	**36 0**	**35 4**	**44 6**	**41 6**	**48 4**	**50 7**	**39 0**	**20 2**	**15 9**	**14 2**	**30 4**	**28 8**	**29 9**	**28 9**	**26 2**	**28 8**	**25 0**	**13 7**	**27 8**
NE Augmentation Cost						**2 4**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 9**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 9**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**
Net Benef t				**0 0**	0.0	(2.1)	.2	11.	16.6	1 .6	20.7	23.7	26.0	2 .5	3 .6	31.6	38.2	0.6	28 9	10.0	5.8	.2	19.5	18.7	19.8	18.7	16.2	18 7	1 .8	3.6	**14 5**

Net Present Value (discounted)	**112 9**

Net Market Benefits ($m) - Revised Central Scenario

Option 1a

Split 132 cap HY x	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017 18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026 27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Bene it	-		-	-	-	-	-	-	-	-	0.0	(0.0)	(0.0)	(0.0)	(0.0)	0.2	0.9	0.0	-	0.1	0.0	-	-	(0.1)	(0.1)	(0.2)	(0.2)	(0.1)	(0 0)	(0.2)	-
Network Loss Benefit	-		-	(0.0)	(0.1)	(0 0)	0.5	0.1	0.3	0.5	0.5	0.6	0.5	0.	0.6	0.5	0.5	0.	0.	0 5	0.8	0.6	0.8	0.8	0.8	1.0	1.2	1.0	0 6	1.0	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benef t	-		-	(0.9)	(1.1)	(0 6)	1 .3	20.9	19.8	20.9	20.1	2 .	25.1	23.	27.3	21 9	20.9	22.6	2 .1	27.8	38.8	38.	3.6	3.1	0 5	6.3	.1	.	55.9	72.8	-
Competition benef ts	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	0.0	0.0	12.8	12.0	17.5	22.5	22.6	21.2	21.	21.7	21.8	1.8	1.7	1.7	1.	1.	2.0	1.1	1.0	1.5	1.9	1.7	(0.8)	0.7	(17.2)	(27.)	-
otal Benefit				**(0 9)**	**(1 1)**	**(0 6)**	**27 6**	**32 9**	**37 7**	**43 9**	**43 3**	**46 2**	**47 0**	**45 5**	**49 7**	**24 4**	**24 1**	**24 7**	**25 8**	**29 8**	**41 6**	**40 1**	**45 4**	**45 3**	**43 1**	**48 9**	**44 3**	**46 0**	**39 2**	**46 3**	**44 3**
NE Augmentation Cost							**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**
Net Benefit				**(0 9)**	**(1 1)**	**(0 6)**	**18 1**	**23 4**	**28 1**	**34 4**	**33 7**	**36 7**	**37 4**	**36 0**	**40 1**	**14 8**	**14 5**	**15 2**	**16 3**	**20 2**	**32 0**	**30 6**	**35 9**	**35 8**	**33 5**	**39 4**	**34 8**	**36 5**	**29 7**	**36 7**	**35 4**

Net Present Value (discounted)	**174 3**

Option 1b

Split132 sc HY x	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017 18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026 27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Bene it	-		-	-	-	-	-	-	-	-	0.1	(0.0)	(0.1)	0.0	0.0	0.3	1.	(0.1)	-	0.1	0.0	-	-	(0.2)	(0.1)	(0.2)	(0.2)	0.0	(0 0)	(0.)	-
Network Loss Benefit	-		-	(0.0)	(0.1)	(0 0)	0.6	(0.0)	0.3	0.5	0.5	0.6	0.5	0.	0.6	0.	0.5	0.	0.3	0.	0.	0.2	0.	0.	0.3	0.6	0.6	0.5	0 0	0.7	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benef t	-		-	0.0	(0.2)	(0.1)	19.5	27.3	26.5	27.9	27.5	32.3	32.5	30.8	3 .	29.	27.6	29.0	31.1	3 .9	52.3	52.2	57.	56.5	52 8	58.9	57.9	58.7	69.8	8 .5	-
Competition benef ts	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	0.0	0.0	12.8	12.0	17.5	22.5	22.6	21.2	21.	21.7	21.8	1.8	1.7	1.7	1.	1.	2.0	1.1	1.0	1.5	1.9	1.7	(0.8)	0.7	(17.2)	(27.)	-
otal Benefit				**0 0**	**(0 3)**	**(0 1)**	**32 9**	**39 4**	**44 4**	**50 9**	**50 7**	**54 1**	**54 3**	**52 9**	**56 9**	**31 9**	**31 2**	**31 1**	**32 7**	**36 8**	**54 7**	**53 5**	**58 8**	**58 2**	**55 0**	**61 1**	**57 6**	**59 9**	**52 6**	**57 4**	**57 2**
NE Augmentation Cost							**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**
Net Benefit				**0 0**	**(0 3)**	**(0 1)**	**19 8**	**26 2**	**31 3**	**37 8**	**37 5**	**40 9**	**41 1**	**39 8**	**43 7**	**18 8**	**18 0**	**17 9**	**19 6**	**23 6**	**41 6**	**40 4**	**45 7**	**45 0**	**41 8**	**47 9**	**44 4**	**46 7**	**39 4**	**44 2**	**44 5**

Net Present Value (discounted)	**204 3**

Option 2a

Split 132 cap HY x SE x	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017 18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026 27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Bene it	-		-	-	-	-	-	-	-	-	0.0	(0.0)	(0.0)	(0.0)	(0.0)	0.2	1.1	0.0	-	0.1	0.2	-	-	(0.2)	(0.1)	(0.2)	(0.2)	(0.0)	(0 0)	(0.0)	-
Network Loss Benefit	-		-	0.0	(0.1)	(0 0)	0.5	0.1	0.	0.5	0.5	0.6	0.5	0.	0.6	0.5	0.5	0.	0.	0 5	0.8	0.6	0.8	0.8	0.8	1.0	1.2	1.0	0 6	1.0	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benef t	-		-	(0.0)	(0.2)	(0.1)	1 .7	21.3	20.1	21.3	20.5	2 .9	25.6	23.9	27.7	22 3	21.	23.0	2 .6	28.	39.	39.0	.2	3.8	1 2	7.0	.9	5.1	56.7	73.5	-
Competition benef ts	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	0.0	12.8	12.0	17.5	22.5	22.6	21.2	21.	21.7	21.8	1.8	1.7	1.7	1.	1.	2.0	1.1	1.0	1.5	1.9	1.7	(0.8)	0.7	(17.2)	(27.)	-
otal Benefit				**(0 0)**	**(0 3)**	**(0 1)**	**28 1**	**33 4**	**38 0**	**44 3**	**43 7**	**46 7**	**47 5**	**46 0**	**50 1**	**24 8**	**24 7**	**25 2**	**26 4**	**30 4**	**42 4**	**40 7**	**46 1**	**46 0**	**43 8**	**49 6**	**45 0**	**46 8**	**40 0**	**47 1**	**45 1**
NE Augmentation Cost							**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**
Net Benefit				**(0 0)**	**(0 3)**	**(0 1)**	**16 4**	**21 7**	**26 3**	**32 7**	**32 0**	**35 0**	**35 8**	**34 3**	**38 4**	**13 2**	**13 0**	**13 6**	**14 7**	**18 7**	**30 8**	**29 0**	**34 4**	**34 3**	**32 1**	**38 0**	**33 4**	**35 1**	**28 4**	**35 5**	**34 1**

Net Present Value (discounted)	**166 1**

Option 2b

Split132 sc HY x SE x	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017 18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026 27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Bene it	-		-	-	-	-	-	-	-	-	0.1	(0.0)	(0.1)	(0.0)	0.0	0.2	1.0	(0.0)	-	0 2	0.0	-	-	(0.2)	(0.1)	(0.1)	(0.1)	0.0	(0 0)	(0.0)	-
Network Loss Benefit	-		-	(0.0)	(0.1)	(0 0)	0.6	(0.0)	0.3	0.5	0.5	0.6	0.5	0.	0.6	0.	0.5	0.	0.3	0.	0.	0.2	0.	0.	0.3	0.6	0.6	0.5	0 0	0.7	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benef t	-		-	0.0	(0.2)	(0.1)	19.6	27.	26.6	28.0	27.5	32.3	32.5	30.9	3 .	29.	27.6	29.1	31.0	35.0	52.	52.2	57.	56.5	52 8	59.0	57.9	58.7	69.8	8 .6	-
Competition benef ts	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	0.0	12.8	12.0	17.5	22.5	22.6	21.2	21.	21.7	21.8	1.8	1.7	1.7	1.	1.	2.0	1.1	1.0	1.5	1.9	1.7	(0.8)	0.7	(17.2)	(27.)	-
otal Benefit				**0 0**	**(0 3)**	**(0 1)**	**33 0**	**39 4**	**44 5**	**51 0**	**50 7**	**54 1**	**54 3**	**53 0**	**56 9**	**31 9**	**30 8**	**31 2**	**32 7**	**36 9**	**54 8**	**53 5**	**58 8**	**58 2**	**54 9**	**61 2**	**57 6**	**60 0**	**52 6**	**57 8**	**57 3**
NE Augmentation Cost							**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**
Net Benefit				**0 0**	**(0 3)**	**(0 1)**	**17 7**	**24 1**	**29 2**	**35 7**	**35 4**	**38 8**	**39 0**	**37 7**	**41 6**	**16 6**	**15 5**	**15 9**	**17 4**	**21 6**	**39 5**	**38 2**	**43 5**	**42 9**	**39 6**	**45 9**	**42 3**	**44 7**	**37 3**	**42 5**	**42 5**

Net Present Value (discounted)	**191 5**

Option 3

Krongart 500kV	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017 18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026 27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Bene it	-		-	-	-	-	-	-	-	-	(0.0)	(0.0)	0.0	(0.0)	(0.1)	0.5	1.	(0.0)	-	(0.1)	0.0	-	-	(0.1)	(0.1)	(0.1)	0.0	0.1	0.1	0.1	-
Network Loss Benefit	-		-	(0.0)	(0.1)	(0 0)	0.0	(0.2)	(0.1)	(0.0)	0.0	0.0	(0.1)	(0.1)	(1.)	2.8	2.8	2.7	2.6	2 8	3.0	2.6	2.8	2.8	2.7	3.0	3.1	3.2	2 7	3.	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benef t	-		-	(0.0)	(0.2)	(0.1)	(1.9)	0.0	(5.6)	(6.8)	(8.7)	(7.0)	(6.0)	(7.7)	7.8	6.	3.	5.1	7.8	52.1	87.3	89.1	9 .3	93.1	88 7	96.3	96.3	98.0	109.5	127 3	-
Competition benef ts	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	0.0	12.8	12.0	17.5	22.5	22.6	21.2	21.	21.7	21.8	1.8	1.7	1.7	1.	1.	2.0	1.1	1.0	1.5	1.9	1.7	(0.8)	0.7	(17.2)	(27.)	-
otal Benefit				**(0 0)**	**(0 3)**	**(0 1)**	**10 9**	**11 9**	**11 8**	**15 7**	**14 0**	**14 2**	**15 3**	**13 9**	**28 1**	**51 5**	**49 3**	**49 5**	**51 8**	**56 2**	**92 3**	**92 8**	**98 1**	**97 3**	**93 2**	**100 9**	**98 7**	**102 0**	**95 1**	**103 4**	**98 0**
NE Augmentation Cost																**51 0**	**51 0**	**51 0**	**51 0**	**51 0**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**
Net Benefit				**(0 0)**	**(0 3)**	**(0 1)**	**10 9**	**11 9**	**11 8**	**15 7**	**14 0**	**14 2**	**15 3**	**13 9**	**28 1**	**0 4**	**(1 7)**	**(1 6)**	**0 8**	**5 2**	**(16 4)**	**(15 9)**	**(10 6)**	**(11 4)**	**(15 5)**	**(7 7)**	**(9 9)**	**(6 7)**	**(13 6)**	**(5 3)**	**(8 6)**

Net Present Value (discounted)	**35 0**

Option 4

Split132 cap	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017 18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026 27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Bene it	-		-	-	-	-	-	-	-	-	0.0	(0.0)	(0.1)	(0.0)	(0.0)	(0.1)	0.9	0.0	-	0 2	(0.0)	-	-	(0.2)	(0.1)	(0.2)	(0.2)	(0.2)	(0.1)	(0.2)	-

Network Loss Benefit	-		-	(0.0)	(0.1)	(0 0)	0.7	0.	0.6	0.9	0.9	1.0	1.0	0.9	1.2	0.9	1.0	1.0	0.9	1 0	1.	1.3	1.	1.	1.	1.7	1.8	1.6	1 2	1.7	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benef t	-		-	(0.9)	(1.1)	(0 6)	7.8	13.1	13.6	15.0	1 .3	18.5	18.9	16.9	21.0	15.1	1 .2	15.6	16.6	20.8	31.0	29.5	35.2	3 .3	31 3	37.0	3 .5	3 .5	5.9	61.6	-
Competition benef ts	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	0.0	12.8	12.0	17.5	22.5	22.6	21.2	21.	21.7	21.8	1.8	1.7	1.7	1.	1.	2.0	1.1	1.0	1.5	1.9	1.7	(0.8)	0.7	(17.2)	(27.)	-
otal Benefit				**(0 9)**	**(1 2)**	**(0 6)**	**21 3**	**25 5**	**31 8**	**38 3**	**37 8**	**40 7**	**41 2**	**39 5**	**43 9**	**17 7**	**17 7**	**18 3**	**18 9**	**23 4**	**34 3**	**31 9**	**37 6**	**37 0**	**34 5**	**40 3**	**35 3**	**36 7**	**29 8**	**35 7**	**35 3**
NE Augmentation Cost						**0 9**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**
Net Benefit				**(0 9)**	**(1 2)**	**(1 5)**	**16 3**	**20 6**	**26 8**	**33 4**	**32 8**	**35 7**	**36 2**	**34 6**	**38 9**	**12 8**	**12 7**	**13 4**	**14 0**	**18 4**	**29 4**	**26 9**	**32 6**	**32 0**	**29 5**	**35 3**	**30 3**	**31 7**	**24 9**	**30 8**	**30 6**

Net Present Value (discounted)	**160 2**

Option 5

DSM 1b	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017 18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Bene it	-		-	-	-	-	-	-	-	-	0.1	(0.0)	(0.1)	0.0	0.0	0.3	1.	(0.1)	-	0.1	0.0	-	-	(0.2)	(0.1)	(0.2)	(0.2)	0.0	(0 0)	(0.)	-
Network Loss Benefit	-		-	0.0	(0.1)	(0 0)	0.0	(0.2)	0.3	0.5	0.5	0.6	0.5	0.	0.6	0.	0.5	0.	0.3	0.	0.	0.2	0.	0.	0.3	0.6	0.6	0.5	0 0	0.7	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benef t	-		-	-	(0.2)	(0.1)	(1.9)	0.0	26.5	27.9	27.5	32.3	32.5	30.8	3 .	29.	27.6	29.0	31.1	3 .9	52.3	52.2	57.	56.5	52 8	58.9	57.9	58.7	69.8	8 .5	-
Competition benef ts	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	11.8	2 .6	12.2	17.5	22.5	22.6	21.2	21.	21.7	21.8	1.8	1.7	1.7	1.	1.	2.0	1.1	1.0	1.5	1.9	1.7	(0.8)	0.7	(17.2)	(27.)	-
otal Benefit				**0 0**	**(0 3)**	**11 7**	**22 8**	**12 0**	**44 4**	**50 9**	**50 7**	**54 1**	**54 3**	**52 9**	**56 9**	**31 9**	**31 2**	**31 1**	**32 7**	**36 8**	**54 7**	**53 5**	**58 8**	**58 2**	**55 0**	**61 1**	**57 6**	**59 9**	**52 6**	**57 4**	**57 2**
NE Augmentation Cost				**24 0**	**24 0**	**25 8**	**25 8**	**25 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**
Net Benefit				**(24 0)**	**(24 3)**	**(14 1)**	**(3 0)**	**(13 8)**	**30 6**	**37 1**	**36 8**	**40 2**	**40 4**	**39 1**	**43 0**	**18 1**	**17 3**	**17 2**	**18 9**	**22 9**	**40 9**	**39 7**	**45 0**	**44 4**	**41 1**	**47 3**	**43 7**	**46 1**	**38 7**	**43 6**	**43 9**

Net Present Value (discounted)	**124 4**

Option 6a

Control Scheme B	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017 18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026 27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Bene it	-		-	-	-	-	-	-	-	-	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	0.0	0.0	-	(0.0)	(0.0)	-	-	(0.1)	(0.0)	(0.0)	(0.0)	(0.0)	(0 0)	(0.0)	-
Network Loss Benefit	-		-	(0.0)	(0.0)	(0.2)	(0.1)	(0.1)	(0.1)	(0.2)	(0.1)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0 2)	(0.3)	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benef t	-		-	(0.9)	(0.8)	1.3	1.	1.5	1.9	2.1	2.0	2.1	2.2	2.2	2.3	2.3	2.3	2.	2.5	2.	2.5	2.7	2.9	2.9	3.1	3.0	3.1	3.1	3.	3.9	-
Competition benef ts	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	-	0.0	-	0.0	-	-	-	0.0	-	0.0	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
otal Benefit				**(0 9)**	**(0 9)**	**1 1**	**1 3**	**1 4**	**1 8**	**1 9**	**1 8**	**1 9**	**2 0**	**2 0**	**2 1**	**2 1**	**2 2**	**2 2**	**2 3**	**2 1**	**2 3**	**2 4**	**2 6**	**2 5**	**2 9**	**2 8**	**2 9**	**2 9**	**3 1**	**3 6**	**2 9**
NE Augmentation Cost						**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**3 3**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**3 3**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**
Net Benefit				**(0 9)**	**(0 9)**	**(1 3)**	**(1 2)**	**(1 1)**	**(0 6)**	**(0 5)**	**(0 7)**	**(0 5)**	**(0 4)**	**(1 2)**	**(0 3)**	**(0 3)**	**(0 4)**	**(0 2)**	**(0 1)**	**(0 4)**	**(0 2)**	**0 0**	**(0 6)**	**0 1**	**0 5**	**0 2**	**0 5**	**0 5**	**0 6**	**1 2**	**0 6**

Net Present Value (discounted)	**(4 5)**

Option 6b

ConSch split132 sc	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017 18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026 27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Bene it	-		-	-	-	-	-	-	-	-	0.0	(0.0)	(0.1)	(0.0)	(0.0)	(0.1)	0.8	(0.0)	-	0.1	0.2	-	-	(0.1)	(0.1)	(0.2)	(0.2)	(0.0)	(0 0)	(0.2)	-
Network Loss Benefit	-		-	0.0	(0.1)	(0.1)	0.6	0.1	0.	0.5	0.5	0.6	0.5	0.	0.6	0.6	0.6	0.5	0.5	0 5	0.8	0.6	0.7	0.8	0.7	1.0	1.1	0.9	0.	0.8	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benef t	-		-	0.0	(0.2)	1.7	13.	20.3	21.9	25.2	2 .5	29.8	30.5	28.6	32.7	26 2	25.1	27.0	28.2	32.	7.1	5.8	52.	51.5	8.	5 .1	52.2	52.9	6 .	82.9	-
Competition benef ts	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	-	-	0.0	12.8	12.0	17.5	22.5	22.6	21.2	21.	21.7	21.8	1.8	1.7	1.7	1.	1.	2.0	1.1	1.0	1.5	1.9	1.7	(0.8)	0.7	(17.2)	(27.)	-
otal Benefit				**0 0**	**(0 3)**	**1 5**	**26 8**	**32 5**	**39 9**	**48 2**	**47 7**	**51 6**	**52 3**	**50 7**	**55 1**	**28 5**	**28 2**	**29 2**	**30 1**	**34 4**	**50 1**	**47 5**	**54 2**	**53 7**	**50 9**	**56 7**	**52 4**	**54 5**	**47 5**	**56 2**	**52 4**
NE Augmentation Cost						**2 4**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 9**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 9**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**
Net Benefit				**0 0**	**(0 3)**	**(0 9)**	**16 7**	**22 3**	**29 8**	**38 2**	**37 5**	**41 5**	**42 2**	**39 7**	**45 0**	**18 4**	**18 0**	**19 1**	**20 0**	**24 2**	**40 0**	**37 4**	**43 3**	**43 6**	**40 8**	**46 5**	**42 3**	**44 4**	**37 3**	**46 1**	**43 4**

Net Present Value (discounted)	**198 5**

Net Market Benefits ($m) - Low Scenario

Option 1a

Split 132 cap HY x	2010/11	2011/12	2012/13	2013 14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023 24	2024/25	2025/26	2026/27	2027/28	2028 29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Benefit	-		-	0.0	(0.1)	(0.1)	0.	(0.0)	(0.6)	0.1	0.0	(0.1)	(0.)	0.2	(0.1)	0.0	(0.1)	(0.7)	(0.0)	(0 3)	0.3	0.2	(0.)	0.0	(0 0)	(0.2)	(1.1)	(0.2)	(0.3)	(0 6)	-
Network Loss Benefit	-		-	(0.0)	(0 0)	(2.2)	(3.2)	0.3	1.6	1 6	1.2	0.9	0.9	1.2	2 0	2.8	2.2	(0.1)	(1.0)	(1 3)	(1.0)	(0.7)	(0.3)	0.	0 9	0.7	1.9	1.8	0.7	1 5	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	0.0	(0 0)	(19.6)	2.2	16.2	51.3	5.3	50.0	52.8	62.3	67.6	99.1	120.0	1 2 6	108.1	69.2	77.3	62.7	6.1	61.0	96.7	121.6	69.6	90.0	79.7	85.	136.1	-
Compe ition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	3.9	3 9	11.1	10.7	7.9	-6.0	(2 9)	(8.8)	(.3)	0.2	(.7)	-35.6	(52.8)	-111.3	(58.6)	(39.2)	(26.3)	(22.5)	(9.7)	(3 .)	(55.3)	(52.9)	(.7)	1 .6	56.8	(1.7)	(8.7)	-
otal Benefit				**3 9**	**3 8**	**(10 8)**	**10 1**	**24 4**	**46 3**	**44 0**	**42 4**	**49 3**	**63 0**	**64 3**	**65 3**	**70 0**	**33 4**	**48 7**	**28 9**	**49 4**	**39 4**	**36 0**	**26 0**	**41 8**	**69 7**	**65 5**	**105 5**	**138 1**	**84 2**	**128 3**	**92 6**
NE Augmentation Cost							**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**
Net Benefit				**3 9**	**3 8**	**(10 8)**	**0 6**	**14 8**	**36 8**	**34 5**	**32 9**	**39 7**	**53 5**	**54 8**	**55 8**	**60 5**	**23 8**	**39 2**	**19 4**	**39 9**	**29 8**	**26 5**	**16 5**	**32 2**	**60 1**	**55 9**	**96 0**	**128 6**	**74 6**	**118 7**	**94 8**

Net Present Value (discounted)	**251 0**

Option 1b

Split132 sc HY x	2010/11	2011/12	2012/13	2013 14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023 24	2024/25	2025/26	2026/27	2027/28	2028 29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Benefit	-		-	0.0	(0 0)	0.1	0.	(0.0)	(0.6)	0.1	(0.0)	(0.1)	(0.)	0.2	(0.1)	0.2	(0.1)	(0.7)	(0.1)	(0 2)	0.3	0.2	(0.3)	(0.0)	(0 0)	(0.1)	(1.1)	(0.1)	(0.3)	(0 6)	-
Network Loss Benefit	-		-	(0.0)	(0 0)	(2.2)	(3.6)	(0.2)	1.1	1.1	0.7	0.	0.3	0.5	1 5	2.5	2.	0.2	(0.9)	(1 2)	(0.8)	(0.)	(0.1)	0.	1 0	0.7	1.9	1.8	0.8	1 5	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	0.0	(0.1)	(19.)	3.6	20.0	57.2	52.9	57.7	60.7	70.7	75.5	106.5	128.1	1 7 9	113.1	72.8	81.	67.	51.1	66.6	101.	126.6	7 .1	93.9	83.5	89.8	1 0.2	-
Compe ition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	3.9	3 9	11.1	10.7	7.9	-6.0	(2 9)	(8.8)	(.3)	0.2	(.7)	-35.6	(52.8)	-111.3	(58.6)	(39.2)	(26.3)	(22.5)	(9.7)	(3 .)	(55.3)	(52.9)	(.7)	1 .6	56.8	(1.7)	(8.7)	-
otal Benefit				**3 9**	**3 8**	**(10 5)**	**11 1**	**27 6**	**51 8**	**51 2**	**49 5**	**56 7**	**70 7**	**71 6**	**72 2**	**77 9**	**38 9**	**54 0**	**32 6**	**53 7**	**44 3**	**41 2**	**31 8**	**46 4**	**74 7**	**70 0**	**109 3**	**142 0**	**88 6**	**132 4**	**96 9**
NE Augmentation Cost							**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**
Net Benefit				**3 9**	**3 8**	**(10 5)**	**(2 1)**	**14 5**	**38 6**	**38 0**	**36 4**	**43 5**	**57 6**	**58 4**	**59 1**	**64 7**	**25 7**	**40 9**	**19 5**	**40 5**	**31 1**	**28 0**	**18 6**	**33 3**	**61 6**	**56 8**	**96 2**	**128 9**	**75 4**	**119 3**	**95 3**

Net Present Value (discounted)	**261 0**

Option 2a

Split 132 cap HY x SE x	2010/11	2011/12	2012/13	2013 14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023 24	2024/25	2025/26	2026/27	2027/28	2028 29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Benefit	-		-	0.0	(0 0)	0.1	0.	(0.0)	(0.8)	0.1	(0.0)	(0.1)	(0.)	0.1	(0.1)	0.1	(0.1)	(0.7)	(0.1)	(0 2)	0.3	0.2	(0.)	(0.0)	(0 0)	(0.1)	(1.1)	(0.2)	(0.3)	(0 6)	-
Network Loss Benefit	-		-	(0.0)	(0 0)	(2.2)	(3.2)	0.	1.6	1 6	1.2	0.9	0.9	1.2	2 0	2.8	2.2	(0.1)	(1.0)	(1 3)	(1.0)	(0.6)	(0.3)	0.	0 9	0.6	1.9	1.8	0.7	1 5	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.0)	(0 0)	(19.7)	2.0	16.1	51.2	5.	9.9	52.6	62.3	67.6	99.2	120.0	1 2 5	108.3	69.3	77.	62.6	6.2	61.1	96.7	121.7	69.9	90.3	79.6	85.3	135.9	-
Compe ition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	3.9	3 9	11.1	10.7	7.9	-6.0	(2 9)	(8.8)	(.3)	0.2	(.7)	-35.6	(52.8)	-111.3	(58.6)	(39.2)	(26.3)	(22.5)	(9.7)	(3 .)	(55.3)	(52.9)	(.7)	1 .6	56.8	(1.7)	(8.7)	-
otal Benefit				**3 9**	**3 8**	**(10 7)**	**10 0**	**24 3**	**46 0**	**44 1**	**42 3**	**49 1**	**63 0**	**64 2**	**65 4**	**70 1**	**33 3**	**48 9**	**28 9**	**49 5**	**39 3**	**36 1**	**26 1**	**41 8**	**69 8**	**65 8**	**105 8**	**138 0**	**84 1**	**128 1**	**92 7**
NE Augmentation Cost							**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**
Net Benefit				**3 9**	**3 8**	**(10 7)**	**(1 7)**	**12 6**	**34 3**	**32 5**	**30 6**	**37 5**	**51 4**	**52 6**	**53 7**	**58 4**	**21 6**	**37 3**	**17 3**	**37 8**	**27 7**	**24 4**	**14 5**	**30 1**	**58 1**	**54 1**	**94 1**	**126 4**	**72 4**	**116 5**	**92 7**

Net Present Value (discounted)	**238 0**

Option 2b

Split132 sc HY x SE x	2010/11	2011/12	2012/13	2013 14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023 24	2024/25	2025/26	2026/27	2027/28	2028 29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Benefit	-		-	0.0	(0 0)	(0.1)	(0.1)	(0.0)	(0.6)	0.1	(0.0)	(0.1)	(0.)	0.2	(0 2)	0.2	(0.1)	(0.7)	(0.0)	(0 2)	0.3	0.2	(0.3)	(0.0)	(0 0)	(0.2)	(1.1)	(0.1)	(0.)	(0 6)	-
Network Loss Benefit	-		-	(0.0)	(0 0)	(2.2)	(3.6)	(0.2)	1.1	1.1	0.7	0.	0.2	0.5	1 5	2.5	2.	0.2	(0.9)	(1 2)	(0.8)	(0.5)	(0.1)	0.	1 0	0.7	1.9	1.9	0.8	1 5	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	0.0	(0 0)	(19.5)	3.5	20.0	57.	53.0	57.6	60.7	70.7	75.6	106.5	128.0	1 8 0	113.2	73.0	81.	67.3	51.1	66.	101.5	126.6	7 .3	93.6	83.6	89.8	1 0.0	-
Compe ition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	3.9	3 9	11.1	10.7	7.9	-6.0	(2 9)	(8.8)	(.3)	0.2	(.7)	-35.6	(52.8)	-111.3	(58.6)	(39.2)	(26.3)	(22.5)	(9.7)	(3 .)	(55.3)	(52.9)	(.7)	1 .6	56.8	(1.7)	(8.7)	-
otal Benefit				**3 9**	**3 8**	**(10 7)**	**10 6**	**27 7**	**52 0**	**51 2**	**49 5**	**56 7**	**70 8**	**71 6**	**72 1**	**77 8**	**39 0**	**54 1**	**32 9**	**53 7**	**44 2**	**41 2**	**31 6**	**46 5**	**74 7**	**70 2**	**109 1**	**142 1**	**88 6**	**132 2**	**96 9**
NE Augmentation Cost							**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**
Net Benefit				**3 9**	**3 8**	**(10 7)**	**(4 7)**	**12 4**	**36 7**	**35 9**	**34 2**	**41 4**	**55 5**	**56 3**	**56 8**	**62 5**	**23 7**	**38 9**	**17 6**	**38 4**	**28 9**	**25 9**	**16 3**	**31 2**	**59 4**	**54 9**	**93 8**	**126 8**	**73 3**	**116 9**	**93 1**

Net Present Value (discounted)	**247 9**

Option 3

Krongart 500kV	2010/11	2011/12	2012/13	2013 14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023 24	2024/25	2025/26	2026/27	2027/28	2028 29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Benefit	-		-	0.0	0 0	(0.2)	0.3	(0.0)	(0.9)	0.1	(0.1)	(0.2)	(0.5)	0.2	(0.1)	0.2	(0.1)	0.1	0.0	(0 3)	0.3	0.5	-	(0.0)	0 0	(0.1)	(1.0)	0.3	0.1	(0.)	-
Network Loss Benefit	-		-	(0.0)	(0 0)	(2.2)	(2.)	0.5	1.3	1 2	0.2	(0.1)	(0.1)	0.	(2 7)	6.8	8.0	5.7	3.8	3 3	3.5	.1	1.8	1.6	2 0	2.	2.8	.0	3.3	3 9	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(1.0)	(1 0)	(20.6)	(13.3)	(7.9)	13.5	2 6	(1.1)	0.3	.	11.0	81.5	183.3	223 0	190.5	157.9	155.	17 .	163.1	197.5	228.1	2 9.9	189.1	227 9	200.0	216.0	273.0	-
Compe ition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	3.9	3 9	11.1	10.7	7.9	-6.0	(2 9)	(8.8)	(.3)	0.2	(.7)	-35.6	(52.8)	-111.3	(58.6)	(39.2)	(26.3)	(22.5)	(9.7)	(3 .)	(55.3)	(52.9)	(.7)	1 .6	56.8	(1.7)	(8.7)	-
otal Benefit				**2 9**	**2 9**	**(11 8)**	**(4 6)**	**0 5**	**7 9**	**0 9**	**(9 8)**	**(4 3)**	**4 0**	**6 9**	**43 0**	**137 4**	**119 4**	**137 7**	**122 6**	**132 1**	**155 6**	**157 9**	**164 9**	**174 4**	**199 1**	**186 7**	**244 4**	**261 0**	**217 8**	**267 8**	**221 8**
NE Augmentation Cost																**51 0**	**51 0**	**51 0**	**51 0**	**51 0**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**
Net Benefit				**2 9**	**2 9**	**(11 8)**	**(4 6)**	**0 5**	**7 9**	**0 9**	**(9 8)**	**(4 3)**	**4 0**	**6 9**	**43 0**	**86 4**	**68 4**	**86 6**	**71 5**	**81 1**	**46 9**	**49 2**	**56 2**	**65 7**	**90 4**	**78 1**	**135 7**	**152 4**	**109 1**	**159 2**	**126 9**

Net Present Value (discounted)	**232 5**

Option 4

Split132 cap	2010/11	2011/12	2012/13	2013 14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023 24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Benefit	-		-	0.0	(0.1)	(0.1)	0.	(0.0)	(0.6)	0.1	(0.0)	(0.1)	(0.5)	0.2	(0 2)	0.2	(0.1)	(0.7)	(0.0)	(0 3)	0.3	0.2	(0.)	(0.0)	(0 0)	(0.1)	(1.0)	(0.2)	(0.3)	(1.1)	-
Network Loss Benefit	-		-	(0.0)	(0 0)	(2.2)	(2.5)	0.9	2.5	2 6	2.0	1.8	1.7	2.0	2 8	3.8	3.9	1.7	0.8	0 2	0.3	0.5	0.1	0.6	1.1	0.9	2.1	2.1	1.1	1 8	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.9)	(1 0)	(20.6)	(7.1)	6.1	38.2	30.6	33.7	36.3	5.0	50.7	82.2	98.0	112.1	75.	31.1	0.7	23.2	8.6	38.1	67.3	90.7	36.9	5 .3	38.6	3.	90.3	-
Compe ition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	3.9	3 9	11.1	10.7	7.9	-6.0	(2 9)	(8.8)	(.3)	0.2	(.7)	-35.6	(52.8)	-111.3	(58.6)	(39.2)	(26.3)	(22.5)	(9.7)	(3 .)	(55.3)	(52.9)	(.7)	1 .6	56.8	(1.7)	(8.7)	-
otal Benefit				**2 9**	**2 8**	**(11 8)**	**1 5**	**14 8**	**34 0**	**30 2**	**26 8**	**33 6**	**46 4**	**48 2**	**49 2**	**49 2**	**4 6**	**17 7**	**(7 4)**	**14 3**	**1 2**	**(0 4)**	**3 4**	**12 6**	**38 9**	**33 0**	**70 0**	**97 4**	**42 5**	**82 3**	**56 4**
NE Augmentation Cost						**0 9**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**
Net Benefit				**2 9**	**2 8**	**(12 8)**	**(3 5)**	**9 9**	**29 0**	**25 3**	**21 9**	**28 7**	**41 4**	**43 3**	**44 2**	**44 2**	**(0 4)**	**12 8**	**(12 3)**	**9 4**	**(3 7)**	**(5 3)**	**(1 5)**	**7 6**	**33 9**	**28 0**	**65 0**	**92 4**	**37 5**	**77 4**	**60 1**

Net Present Value (discounted)	**145 9**

Option 5

DSM_1b	2010/11	2011/12	2012/13	2013 14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023 24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Benefit	-		-	0.0	(0 0)	0.1	0.3	(0.0)	(0.6)	0.1	(0.0)	(0.1)	(0.)	0.2	(0.1)	0.2	(0.1)	(0.7)	(0.1)	(0 2)	0.3	0.2	(0.3)	(0.0)	(0 0)	(0.1)	(1.1)	(0.1)	(0.3)	(0 6)	-
Network Loss Benefit	-		-	(0.0)	(0 0)	(0.8)	(0.9)	0.6	1.1	1.1	0.7	0.	0.3	0.5	1 5	2.5	2.	0.2	(0.9)	(1 2)	(0.8)	(0.)	(0.1)	0.	1 0	0.7	1.9	1.8	0.8	1 5	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.0)	(0 0)	(7.5)	0.0	(0.2)	57.2	52.9	57.7	60.7	70.7	75.5	106.5	128.1	1 7 9	113.1	72.8	81.	67.	51.1	66.6	101.	126.6	7 .1	93.9	83.5	89.8	1 0.2	-
Compe ition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	30.6	30.5	30.9	31.2	29.3	-6.0	(2 9)	(8.8)	(.3)	0.2	(.7)	-35.6	(52.8)	-111.3	(58.6)	(39.2)	(26.3)	(22.5)	(9.7)	(3 .)	(55.3)	(52.9)	(.7)	1 .6	56.8	(1.7)	(8.7)	-
otal Benefit				**30 6**	**30 4**	**22 7**	**30 6**	**29 7**	**51 8**	**51 2**	**49 5**	**56 7**	**70 7**	**71 6**	**72 2**	**77 9**	**38 9**	**54 0**	**32 6**	**53 7**	**44 3**	**41 2**	**31 8**	**46 4**	**74 7**	**70 0**	**109 3**	**142 0**	**88 6**	**132 4**	**96 9**
NE Augmentation Cost				**24 0**	**24 0**	**25 8**	**25 8**	**25 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**
Net Benefit				**6 6**	**6 4**	**(3 1)**	**4 9**	**3 9**	**37 9**	**37 3**	**35 7**	**42 8**	**56 9**	**57 7**	**58 4**	**64 1**	**25 1**	**40 2**	**18 8**	**39 8**	**30 5**	**27 4**	**17 9**	**32 6**	**60 9**	**56 2**	**95 5**	**128 2**	**74 7**	**118 6**	**94 6**

Net Present Value (discounted)	**264 6**

Option 6a

Control Scheme_B	2010/11	2011/12	2012/13	2013 14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023 24	2024/25	2025/26	2026/27	2027/28	2028 29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Benefit	-		-	(0.0)	0 0	0.0	-	-	(0.0)	0 0	(0.1)	0.0	0.5	0.0	0 0	0.0	0.0	-	0.0	(0.1)	0.0	0.1	-	(0.0)	0 0	(0.1)	0.0	0.1	(0.0)	(0.0)	-
Network Loss Benefit	-		-	(0.0)	(0 0)	(0.2)	(0.1)	(0.1)	(0.3)	(0 3)	(0.3)	(0.5)	(0.6)	(0.6)	(0 6)	(0.7)	(0.7)	(0.8)	(0.8)	(0 7)	(0.6)	(0.6)	(0.2)	(0.1)	(0 0)	(0.2)	(0.0)	(0.1)	(0.1)	(0.0)	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.9)	(0 9)	0.	1.	1.3	.1	6	5.2	6.9	9.3	8.8	8.	10.3	11.7	13.	15.7	15.2	16.6	17.2	8.8	11.5	12.5	1 .3	1 .6	16.0	15.8	16.3	-
Compe ition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	-	-	-	0.0	-	0.0	-	-	-	0.0	-	0 0	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
otal Benefit				**(0 9)**	**(0 9)**	**0 2**	**1 3**	**1 2**	**3 7**	**4 3**	**4 8**	**6 4**	**9 2**	**8 3**	**7 8**	**9 7**	**11 0**	**12 6**	**14 9**	**14 3**	**16 0**	**16 7**	**8 6**	**11 4**	**12 5**	**14 0**	**14 6**	**16 0**	**15 7**	**16 3**	**14 5**
NE Augmentation Cost						**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**3 3**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**3 3**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 6**
Net Benefit				**(0 9)**	**(0 9)**	**(2 2)**	**(1 2)**	**(1 3)**	**1 3**	**1 9**	**2 2**	**4 0**	**6 8**	**5 0**	**5 3**	**7 2**	**8 5**	**10 2**	**12 5**	**11 8**	**13 6**	**14 3**	**5 3**	**9 0**	**10 1**	**11 5**	**12 1**	**13 5**	**13 1**	**13 9**	**12 9**

Net Present Value (discounted)	**32 2**

Option 6b

ConSch_split132_sc	2010/11	2011/12	2012/13	2013 14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023 24	2024/25	2025/26	2026/27	2027/28	2028 29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliabil ty Benefit	-		-	0.0	(0.1)	(0.2)	0.3	(0.0)	(0.6)	0 0	(0.0)	(0.1)	(0.3)	0.3	(0 3)	0.2	(0.1)	(0.7)	(0.0)	(0 2)	0.3	0.2	(0.3)	(0.0)	(0 0)	(0.0)	(1.1)	(0.1)	(0.)	(0 6)	-
Network Loss Benefit	-		-	(0.0)	(0 0)	(2.6)	(3.1)	0.2	1.1	1.1	0.7	0.5	0.2	0.6	1.	2.5	2.	0.1	(1.0)	(1 3)	(1.0)	(0.5)	(0.1)	0.5	1.1	0.7	1.9	1.8	0.8	1 5	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	0.0	(0.1)	(17.0)	2.6	18.3	56.8	51.9	57.5	60.1	71.	75.8	107.6	128.7	1 9 5	115.3	7 .6	83.7	69.9	51.9	65.9	99.9	125.3	7 .	93.	8 .3	91.2	1 1.7	-
Compe ition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	3.9	3 9	11.1	10.7	7.9	-6.0	(2 9)	(8.8)	(.3)	0.2	(.7)	-35.6	(52.8)	-111.3	(58.6)	(39.2)	(26.3)	(22.5)	(9.7)	(3 .)	(55.3)	(52.9)	(.7)	1 .6	56.8	(1.7)	(8.7)	-
otal Benefit				**3 9**	**3 7**	**(8 7)**	**10 6**	**26 3**	**51 4**	**50 1**	**49 4**	**56 1**	**71 5**	**72 0**	**73 1**	**78 5**	**40 4**	**56 1**	**34 4**	**55 9**	**46 7**	**41 9**	**31 1**	**45 1**	**73 5**	**70 4**	**108 9**	**142 8**	**89 9**	**133 8**	**97 1**
NE Augmentation Cost						**2 4**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 9**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 9**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**
Net Benefit				**3 9**	**3 7**	**(11 1)**	**0 5**	**16 1**	**41 3**	**40 1**	**39 2**	**46 1**	**61 4**	**61 1**	**63 0**	**68 4**	**30 2**	**46 0**	**24 3**	**45 7**	**36 6**	**31 8**	**20 2**	**35 0**	**63 4**	**60 2**	**98 8**	**132 7**	**79 7**	**123 7**	**99 1**

Net Present Value (discounted)	**279 8**

Net Market Benefits ($m) - High Scenario

Option 1a

Split 132 cap HY x	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027 28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	(0.0)	0.0	0.0	0 5	2.5	0.1	1.3	1.1	0.7	0.6	(0.2)	(0.1)	0 3	2.8	3.	0.3	0.7	0.3	0.1	0.2	(0.2)	(0 2)	0.1	.6	5.1	7.5	50.3	-
Network Loss Benefit	-		-	0.1	(0.0)	(0.8)	(1 3)	(1.6)	(0.6)	1.1	(0.0)	1.	0.9	(2.)	(5.3)	(6.1)	(5.8)	(7.8)	(6.7)	(7.1)	(12.1)	(17.7)	(6.)	(.8)	(1 9)	(1.0)	(2.2)	(0.5)	.8	8.0	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(1.1)	(1.1)	(8.)	11.7	20.2	13.2	8.9	8.9	51 7	50.6	39.2	58.1	8.6	6 .0	11.2	(6.0)	(2.5)	3.5	52.0	208.1	213.3	29.7	510.1	3 6.8	287.3	532.	59.5	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	(3.1)	0.1	7.3	15.3	16.7	23.1	33.5	0.6	3.7	10.7	(7.5)	-50.2	(7.8)	-56.3	(2.9)	11.	10.7	(50 6)	(33.0)	(1 6.6)	(1 8.0)	(3 0.3)	(379 9)	(253.)	(198.6)	(368.8)	(296.1)	-
Total Benefit				**(4 1)**	**(1 0)**	**(1 8)**	**26 3**	**37 7**	**35 7**	**44 8**	**50 6**	**57 4**	**62 8**	**(10 9)**	**2 5**	**(4 9)**	**4 7**	**3 9**	**(0 9)**	**1 8**	**(18 9)**	**1 4**	**55 3**	**60 2**	**87 3**	**129 4**	**95 8**	**93 4**	**175 9**	**221 8**	**116 4**
NEM Augmentation Cost							**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**	**9 5**
Net Benefit				**(4 1)**	**(1 0)**	**(1 8)**	**16 7**	**28 2**	**26 2**	**35 3**	**41 0**	**47 9**	**53 3**	**(20 4)**	**(7 0)**	**(14 4)**	**(4 8)**	**(5 6)**	**(10 4)**	**(7 7)**	**(28 5)**	**(8 1)**	**45 7**	**50 7**	**77 8**	**119 9**	**86 3**	**83 8**	**166 3**	**212 2**	**133 7**

Net Present Value (discounted)	**206 8**

Option 1b

Split132 sc HY x	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027 28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	(0.0)	0.0	0.1	0 5	2.3	0.2	1.3	1.1	0.7	0.6	(0.3)	(0.1)	0.	2.9	3.	0.	0.7	0.3	0.	0.5	(0.2)	(0.1)	0.1	.5	.7	9.1	50.5	-
Network Loss Benefit	-		-	0.1	0.0	(0.8)	(2.)	(2.6)	(1.)	0.6	(0.)	1.0	0.6	(2.6)	(5.5)	(6 2)	(6.1)	(8.1)	(6.7)	(7.2)	(12.1)	(17.8)	(6.5)	(5.0)	(2 0)	(1.1)	(2.3)	(0.5)	.6	8.1	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.1)	(0.1)	(7.5)	18.2	30.1	22.	18.0	17.5	59.	58.6	6.6	6 .6	55.5	71.0	18.0	(1.0)	2.7	50.1	58.3	212.7	217.9	3 .0	513 5	350.1	290.7	535.7	63.3	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	(3.1)	0.1	7.3	15.3	16.7	23.1	33.5	0.6	3.7	10.7	(7.5)	-50.2	(7.8)	-56.3	(2.9)	11.	10.7	(50 6)	(33.0)	(1 6.6)	(1 8.0)	(3 0.3)	(379 9)	(253.)	(198.6)	(368.8)	(296.1)	-
Total Benefit				**(3 1)**	**0 0**	**(0 9)**	**31 6**	**46 5**	**44 3**	**53 3**	**58 8**	**64 9**	**70 5**	**(3 8)**	**8 8**	**1 9**	**11 5**	**10 4**	**4 2**	**6 9**	**(12 3)**	**7 9**	**60 0**	**64 7**	**91 6**	**132 6**	**98 9**	**96 4**	**180 5**	**225 8**	**120 0**
NEM Augmentation Cost							**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**	**13 2**
Net Benefit				**(3 1)**	**0 0**	**(0 9)**	**18 5**	**33 4**	**31 1**	**40 1**	**45 6**	**51 7**	**57 3**	**(16 9)**	**(4 4)**	**(11 3)**	**(1 7)**	**(2 7)**	**(9 0)**	**(6 2)**	**(25 5)**	**(5 3)**	**46 8**	**51 5**	**78 4**	**119 5**	**85 8**	**83 2**	**167 3**	**212 6**	**133 7**

Net Present Value (discounted)	**226 5**

Option 2a

Split 132 cap HY x SE x	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027 28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	(0.0)	(0.0)	0.1	0 5	2.3	0.1	1.3	1.0	0.7	0.6	(0.3)	(0.1)	0 0	2.9	3.	(0.1)	0.7	0.3	0.	0.2	(0.2)	(0.1)	0.1	.5	5.0	8.1	51.3	-
Network Loss Benefit	-		-	0.1	0.0	(0.8)	(1 3)	(1.6)	(0.6)	1.1	(0.0)	1.	0.9	(2.)	(5.3)	(6 0)	(5.8)	(7.8)	(6.7)	(7.1)	(12.1)	(17.7)	(6.)	(.8)	(1 8)	(0.9)	(2.1)	(0.3)	.8	8.3	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.1)	(0.1)	(7.6)	12.5	21.1	1 .0	9.7	10.1	53 0	52.1	0.5	59.3	50.1	65.5	12.7	(.)	(0.5)	5.	53.5	209.7	21 .8	30.	510 5	3 7.0	286.7	531.2	59.3	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	(3.1)	0.1	7.3	15.3	16.7	23.1	33.5	0.6	3.7	10.7	(7.5)	-50.2	(7.8)	-56.3	(2.9)	11.	10.7	(50 6)	(33.0)	(1 6.6)	(1 8.0)	(3 0.3)	(379 9)	(253.)	(198.6)	(368.8)	(296.1)	-
Total Benefit				**(3 1)**	**0 0**	**(1 0)**	**27 1**	**38 4**	**36 6**	**45 6**	**51 7**	**58 7**	**64 3**	**(9 7)**	**3 7**	**(3 7)**	**6 3**	**5 5**	**0 3**	**3 8**	**(17 0)**	**3 2**	**57 0**	**61 7**	**88 2**	**129 8**	**96 0**	**92 9**	**175 4**	**222 8**	**116 5**
NEM Augmentation Cost							**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**	**11 7**
Net Benefit				**(3 1)**	**0 0**	**(1 0)**	**15 4**	**26 8**	**25 0**	**34 0**	**40 0**	**47 0**	**52 6**	**(21 4)**	**(8 0)**	**(15 3)**	**(5 3)**	**(6 2)**	**(11 4)**	**(7 8)**	**(28 7)**	**(8 4)**	**45 3**	**50 1**	**76 5**	**118 1**	**84 4**	**81 3**	**163 7**	**211 2**	**131 7**

Net Present Value (discounted)	**202 0**

Option 2b

Split132 series comp SE x	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027 28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	(0.0)	0.0	0.0	0 5	2.3	0.1	1.2	1.0	0.7	0.6	(0.2)	(0.1)	0 0	2.9	3.5	(0.0)	0.7	0.3	0.	0.	(0.2)	(0.1)	0.0	.	3.7	7.8	50.5	-
Network Loss Benefit	-		-	0.1	0.0	(0.8)	(2.)	(2.6)	(1.)	0.6	(0.)	1.0	0.6	(2.6)	(5.5)	(6 3)	(6.1)	(8.1)	(6.7)	(7.2)	(12.1)	(17.8)	(6.5)	(.9)	(2 0)	(1.0)	(2.2)	(0.3)	.8	8.2	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.1)	(0.1)	(7.5)	18.2	30.2	22.5	17.8	17.5	59 5	58.5	6.5	6 .	55.6	70.8	18.1	(1.1)	2.7	9.9	58.	212.5	217.7	33.5	513 0	350.0	290.1	53 .6	61.9	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	(3.1)	0.1	7.3	15.3	16.7	23.1	33.5	0.6	3.7	10.7	(7.5)	-50.2	(7.8)	-56.3	(2.9)	11.	10.7	(50 6)	(33.0)	(1 6.6)	(1 8.0)	(3 0.3)	(379 9)	(253.)	(198.6)	(368.8)	(296.1)	-
Total Benefit				**(3 1)**	**0 0**	**(1 0)**	**31 6**	**46 5**	**44 3**	**53 1**	**58 7**	**64 9**	**70 5**	**(3 8)**	**8 6**	**1 6**	**11 4**	**10 6**	**3 6**	**7 0**	**(12 5)**	**8 0**	**59 8**	**64 5**	**91 1**	**132 2**	**98 8**	**94 9**	**178 4**	**224 5**	**119 1**
NEM Augmentation Cost							**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**	**15 3**
Net Benefit				**(3 1)**	**0 0**	**(1 0)**	**16 3**	**31 2**	**29 0**	**37 8**	**43 4**	**49 6**	**55 2**	**(19 1)**	**(6 7)**	**(13 7)**	**(3 9)**	**(4 6)**	**(11 7)**	**(8 3)**	**(27 8)**	**(7 3)**	**44 5**	**49 2**	**75 8**	**116 9**	**83 5**	**79 6**	**163 1**	**209 2**	**130 5**

Net Present Value (discounted)	**212 3**

Option 3

Kronigart 500kV	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027 28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	(0.0)	(0.0)	0.1	(0 0)	(0.2)	0.0	0.0	0.1	9.5	6.0	(0.3)	(0.1)	0 6	2.1	2.9	0.3	1.2	0.	0.9	1.3	(0.3)	(0 3)	0.2	.5	15.9	13.7	85.7	-
Network Loss Benefit	-		-	(0.0)	(0.0)	0.1	(0 0)	(0.1)	0.	2.3	1.5	1.8	1.5	(2.3)	(5.3)	(0.)	(0.5)	(3.1)	(3.7)	(3.9)	(8.8)	(1 .8)	(9.3)	(7.1)	(1 0)	0.3	0.1	1.0	5.5	1 .3	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	0.0	0.1	0.9	2 0	0.8	(18.1)	(15.2)	(12.0)	(12 6)	(13.1)	(37.9)	(0.7)	11 .1	125 3	113.1	51.0	52.7	93.3	57.9	115.0	383.5	702.2	719 0	539.0	93.1	821.6	768.0	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	0.1	(0.2)	(0.5)	2 9	0.1	10.0	20.6	27.9	23 5	25.5	(12.6)	-12.	(15.0)	-20.6	(1 .8)	.6	11.0	(.2)	17.5	(7 .7)	(259.5)	(530.1)	(512 9)	(386.3)	(338.3)	(53 .6)	(98.3)	-
Total Benefit				**0 1**	**(0 1)**	**0 6**	**4 9**	**0 5**	**(7 7)**	**7 7**	**17 5**	**22 2**	**19 9**	**(53 1)**	**(18 5)**	**99 3**	**106 2**	**98 1**	**52 2**	**61 0**	**80 8**	**61 4**	**32 3**	**116 6**	**170 8**	**206 5**	**157 3**	**171 8**	**306 2**	**369 6**	**202 5**
NEM Augmentation Cost																**51 0**	**51 0**	**51 0**	**51 0**	**51 0**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**	**108 7**
Net Benefit				**0 1**	**(0 1)**	**0 6**	**4 9**	**0 5**	**(7 7)**	**7 7**	**17 5**	**22 2**	**19 9**	**(53 1)**	**(18 5)**	**48 3**	**55 2**	**47 1**	**1 2**	**10 0**	**(27 9)**	**(47 3)**	**(76 4)**	**7 9**	**62 1**	**97 9**	**48 7**	**63 1**	**197 5**	**261 0**	**133 6**

Net Present Value (discounted)	**137 8**

Option 4

Split132 cap	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027 28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliability Benefit	-		-	(0.0)	(0.0)	0.0	0 3	2.1	(0.5)	1.0	0.	0.3	0.	(0.)	(0.0)	0 2	2.7	3.2	(0.)	0.0	0.0	(0.2)	0.1	(0.1)	(0 2)	0.1	2.7	1.0	(0.5)	6.5	-
Network Loss Benefit	-		-	0.1	(0.0)	(0.8)	(0.)	(0.3)	(0.1)	1.6	0.	1.7	1.3	(2.0)	(.9)	(5 6)	(5.)	(7.3)	(6.0)	(6.2)	(11.1)	(16.7)	(5.3)	(3.6)	(0 7)	0.1	(0.9)	0.8	5.8	8.6	-
Fixed Cost Benefit	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(1.1)	(1.1)	(8.3)	6 9	6.5	6.0	0.5	(0.3)	1 5	39.2	26.2	3.9	33.1	7.7	(6.8)	(2 .0)	(21.3)	23.6	31.3	185.3	189.9	02.5	82 9	319.5	259.0	502.	27.9	-
Competition benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benefit (gen)	-		-	(3.1)	0.1	7.3	15.3	16.7	23.1	33.5	0.6	3.7	10.7	(7.5)	-50.2	(7.8)	-56.3	(2.9)	11.	10.7	(50 6)	(33.0)	(1 6.6)	(1 8.0)	(3 0.3)	(379 9)	(253.)	(198.6)	(368.8)	(296.1)	-
Total Benefit				**(4 1)**	**(1 0)**	**(1 8)**	**22 2**	**24 9**	**28 5**	**36 5**	**41 1**	**47 2**	**51 6**	**(23 8)**	**(11 2)**	**(20 2)**	**(11 3)**	**(13 7)**	**(19 0)**	**(16 8)**	**(38 1)**	**(18 6)**	**33 5**	**38 2**	**61 3**	**103 2**	**67 9**	**62 2**	**138 8**	**187 0**	**86 7**

NE Augmentation Cost						**0 9**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**	**5 0**
Net Benef t				**(4 1)**	**(1 0)**	**(2 7)**	**17 2**	**20 0**	**23 5**	**31 5**	**36 1**	**42 2**	**46 6**	**(28 7)**	**(16 2)**	**(25 1)**	**(16 3)**	**(18 7)**	**(24 0)**	**(21 8)**	**(43 0)**	**(23 6)**	**28 5**	**33 2**	**56 3**	**98 3**	**63 0**	**57 2**	**133 8**	**182 0**	**106 9**

Net Present Value (discounted)	**142 7**

Option 5

DSM 1b	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027 28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliab lity Benefit	-		-	(0.0)	0.0	0.1	(0.)	2.0	0.2	1.3	1.1	0.7	0.6	(0.3)	(0.1)	0.	2.9	3.	0.	0.7	0.3	0.	0.5	(0.2)	(0.1)	0.1	.5	.7	9.1	50.5	-
Network Loss Benef t	-		-	0.1	0.0	(0.5)	0.1	0.2	(1.)	0.6	(0.)	1.0	0.6	(2.6)	(5.5)	(6 2)	(6.1)	(8.1)	(6.7)	(7.2)	(12.1)	(17.8)	(6.5)	(5.0)	(2 0)	(1.1)	(2.3)	(0.5)	.6	8.1	-
Fixed Cost Bene it	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.1)	(0.1)	(7.6)	(8.1)	(15.7)	22.	18.0	17.5	59.	58.6	6.6	6 .6	55.5	71.0	18.0	(1.0)	2.7	50.1	58.3	212.7	217.9	3 .0	513 5	350.1	290.7	535.7	63.3	-
Compet tion benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	29.6	32.8	0.0	8.0	9.	23.1	33.5	0.6	3.7	10.7	(7.5)	-50.2	(7.8)	-56.3	(2.9)	11.	10.7	(50 6)	(33.0)	(1 6.6)	(1 8.0)	(3 0.3)	(379 9)	(253.)	(198.6)	(368.8)	(296.1)	-
otal Benefit				**29 6**	**32 7**	**32 0**	**39 7**	**35 9**	**44 3**	**53 3**	**58 8**	**64 9**	**70 5**	**(3 8)**	**8 8**	**1 9**	**11 5**	**10 4**	**4 2**	**6 9**	**(12 3)**	**7 9**	**60 0**	**64 7**	**91 6**	**132 6**	**98 9**	**96 4**	**180 5**	**225 8**	**120 0**
NE Augmentation Cost				**24 0**	**24 0**	**25 8**	**25 8**	**25 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**	**13 8**
Net Benefit				**5 6**	**8 7**	**6 2**	**13 9**	**10 1**	**30 4**	**39 4**	**44 9**	**51 0**	**56 7**	**(17 6)**	**(5 1)**	**(12 0)**	**(2 4)**	**(3 4)**	**(9 7)**	**(6 9)**	**(26 2)**	**(5 9)**	**46 2**	**50 8**	**77 7**	**118 8**	**85 1**	**82 5**	**166 6**	**211 9**	**133 0**

Net Present Value (discounted)	**225 5**

Option 6a

Control Scheme B	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027 28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliab lity Benefit	-		-	(0.0)	(0.0)	0.0	(0 0)	0.1	(0.0)	0.1	(0.1)	0.1	(0.0)	0.1	(0.0)	(0 0)	0.1	(0.1)	0.	0.0	0.0	0.1	(0.0)	(0.0)	(0 0)	0.0	1.	(0.)	(1.8)	(1.5)	-
Network Loss Benef t	-		-	(0.0)	0.0	(0.0)	0 0	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.0)	(0.0)	(0.0)	0 0	0.0	(0.0)	(0.0)	(0.0)	(0.0)	(0.0)	(0.1)	(0.0)	(0 2)	(0.2)	(0.2)	(0.3)	(0.3)	(0.5)	-
Fixed Cost Bene it	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	0.0	0.1	0.3	0.1	1.6	1.3	1.6	1.9	1.3	1.	0.9	0.5	1 2	0.7	1.1	1.	1.0	1.0	1.5	0.5	1.1	1 6	2.0	1.8	2.2	5.0	7.1	-
Compet tion benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	-	-	-	0 0	-	0.0	-	-	-	0.0	-	0.0	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
otal Benefit				**(0 0)**	**0 1**	**0 3**	**0 1**	**1 6**	**1 1**	**1 6**	**1 7**	**1 3**	**1 4**	**0 9**	**0 5**	**1 2**	**0 7**	**1 0**	**1 9**	**1 0**	**0 9**	**1 6**	**0 5**	**1 0**	**1 4**	**1 8**	**3 0**	**1 6**	**3 0**	**5 1**	**2 1**
NE Augmentation Cost						**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**3 3**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**3 3**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**	**2 5**	**2 4**	**2 4**
Net Benefit				**(0 0)**	**0 1**	**(2 1)**	**(2 3)**	**(1 0)**	**(1 3)**	**(0 8)**	**(0 8)**	**(1 1)**	**(1 0)**	**(2 4)**	**(1 9)**	**(1 2)**	**(1 8)**	**(1 4)**	**(0 6)**	**(1 6)**	**(1 5)**	**(0 8)**	**(2 8)**	**(1 4)**	**(1 0)**	**(0 7)**	**0 6**	**(0 8)**	**0 4**	**2 7**	**0 5**

Net Present Value (discounted)	**(8 2)**

Option 6b

ConSch split132 sc	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018 19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027 28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	2039/40	Ongoing
Reliab lity Benefit	-		-	(0.0)	(0.0)	0.1	0 3	2.3	(0.)	1.1	0.6	0.2	0.5	(0.)	(0.1)	(0.1)	2.7	3.1	0.1	0.1	0.0	(0.5)	0.2	(0.2)	(0.1)	0.1	.5	5.0	9.2	50.5	-
Network Loss Benef t	-		-	0.1	(0.0)	(0.9)	(0 6)	(1.0)	(0.9)	0.7	(0.)	1.0	0.6	(2.6)	(5.5)	(6 2)	(6.1)	(8.1)	(6.8)	(7.3)	(12 3)	(17.8)	(6.6)	(.9)	(2 0)	(1.2)	(2.5)	(0.8)	.2	7.5	-
Fixed Cost Bene it	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Operating Cost Benefit	-		-	(0.1)	(0.1)	(6.8)	10.5	15.2	17.3	16.3	16.7	59 3	58.0	6.7	6 .3	55.7	71.8	18.9	0.1	3.2	51.9	59.6	213.8	218.	35.0	516 9	353.6	293.1	538.2	67.5	-
Compet tion benefits	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Deferral Benef t (gen)	-		-	(3.1)	0.1	7.3	15.3	16.7	23.1	33.5	0.6	3.7	10.7	(7.5)	-50.2	(7.8)	-56.3	(2.9)	11.	10.7	(50 6)	(33.0)	(1 6.6)	(1 8.0)	(3 0.3)	(379 9)	(253.)	(198.6)	(368.8)	(296.1)	-
otal Benefit				**(3 1)**	**(0 0)**	**(0 3)**	**25 5**	**33 2**	**39 1**	**51 6**	**57 5**	**64 2**	**69 9**	**(3 9)**	**8 4**	**1 6**	**12 0**	**11 0**	**4 7**	**6 7**	**(10 9)**	**8 3**	**60 7**	**65 3**	**92 6**	**135 8**	**102 2**	**98 8**	**182 8**	**229 4**	**122 4**
NE Augmentation Cost						**2 4**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 9**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 9**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**	**10 2**	**10 1**	**10 1**
Net Benefit				**(3 1)**	**(0 0)**	**(2 8)**	**15 4**	**23 0**	**29 0**	**41 5**	**47 3**	**54 1**	**59 8**	**(14 8)**	**(1 6)**	**(8 5)**	**1 8**	**0 9**	**(5 3)**	**(3 5)**	**(21 0)**	**(1 8)**	**49 8**	**55 2**	**82 5**	**125 6**	**92 1**	**88 7**	**172 6**	**219 3**	**139 7**

Net Present Value (discounted)	**232 3**

Central scenario generation expansion results

Base - Generation (GWh)

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	65114	66106	64325	66883	67076	66562	66881	68231	72307	72672	72136	68553	66798	61326	58229	58293	46657	37651	37535	33718	34098	34315	32869	33535	33688	33948	35280
Natural Gas NSW	3852	3795	4330	4252	4392	4248	4255	4263	1238	1202	1139	1121	1112	1110	1091	1062	1123	1077	1064	1060	1102	1114	1061	1086	1098	1082	1131
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	1512	1768	2358	1952	1827	1528	1619	1558	1512	1326	1197	1035	995	1141	1820	985	923	1207	1266	1497	1447	1478	1598	1203	1133	961	906
Wind NSW	653	659	667	665	661	647	665	661	665	664	665	646	659	663	669	661	647	664	661	666	664	661	647	662	663	665	668
New gas NSW	0	0	0	1	4	4	9	15	14	640	2072	6903	9999	15400	18492	21098	34916	45632	47163	51414	51620	51235	50724	51275	51343	53074	53209
New Biomass NSW	0	0	0	234	753	1613	2423	2306	2416	2359	2421	2361	2361	2252	2367	2416	2415	2414	2313	2361	2307	2360	2422	2361	2361	2307	2314
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	155	157	2417	2753	4330	6383	7241	7170	7190	7179	7197	7105	7173	7188	7234	7172	7099	7231	7172	7205	7477	7927	10769	12012	12915	12979	13704
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	56063	57746	58454	59847	60559	60823	61875	62825	63490	63567	64036	64077	58104	57317	57208	54545	54871	54319	52284	46136	41430	34135	31369	31511	28070	27340	25627
Natural Gas QLD	5389	6614	6253	4011	3246	3406	2629	1717	1547	1417	1293	1362	1417	1453	1564	1854	1880	1898	1980	1738	1544	1224	1091	1555	1723	1631	1978
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	1	2	9	16	26	36	0	0	0	0	0	0	0	0	0	0
Hydro QLD	622	633	634	658	672	671	713	708	700	676	682	669	665	654	647	641	642	646	640	651	646	649	622	605	587	567	543
New gas QLD	0	3	53	109	1106	2420	3189	5670	7092	9544	11647	14122	21933	25540	27857	33560	35406	37538	41880	50803	58616	68612	73726	75223	80900	83783	87286
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	749	1501	3021	4396	4528	4633	4541	4633	4580	4697	4658	4644	4634	4526	4649	4526	4582	4635	4595	4645	4526	4751	4700	4582	4582	4643	4650
New Solar QLD	0	0	763	1584	1521	1521	1525	1521	1521	1584	1588	1584	1521	1521	1525	1521	1521	1521	1525	1584	1521	1584	1525	1521	1521	1584	1525
New Wind QLD	2	2	2	235	404	398	406	402	401	401	406	397	405	402	404	404	398	405	404	402	401	404	399	405	402	401	404
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	4156	4230	3329	3427	3261	3313	3249	3306	3369	3420	3489	3519	3511	3505	3523	3597	3682	50	32	31	32	34	48	49	45	29	1
Natural Gas SA	3252	3278	2316	2742	2583	2692	2669	2779	2844	2987	3132	3272	2976	2533	2615	2462	1840	2879	2684	2774	2862	2989	2504	2711	2859	2811	2822
Liquid Fuel SA	450	461	461	464	467	462	463	459	462	469	470	463	458	458	466	468	462	460	462	460	469	467	464	459	458	463	472
Wind SA	4046	4101	4003	4037	3966	3950	3871	3857	3908	3934	3949	3966	3950	3972	4031	4022	4014	4029	4032	4048	4077	4066	3808	3788	3799	3841	3845
New gas SA	7	9	3	6	96	187	161	184	198	204	216	253	894	1522	1623	2091	3110	5417	5982	6202	6398	6518	5638	5782	5870	5940	5914
New Wind SA	7	7	4644	4664	5055	5238	5758	5698	5739	5768	5755	5711	5691	5703	5775	5751	5698	5729	5728	5726	5769	5743	8156	8190	8168	8214	8427
New Biomass SA	0	0	0	0	0	0	0	299	300	324	306	821	1519	2088	2002	2009	2133	2029	2198	2097	2053	2068	1963	1969	1943	2007	2014
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56	327	735
New Solar SA	0	0	0	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	49503	49046	42301	40049	37490	35591	35749	35968	36141	36459	37185	36825	35372	34326	34415	28862	26773	23585	23966	5769	5664	5515	5215	674	684	653	652
Natural Gas VIC	117	147	109	217	433	531	411	380	328	299	278	260	258	226	236	260	262	251	252	313	328	284	174	269	254	286	387
Hydro VIC	3156	3109	2402	3136	3390	3817	3753	3894	3965	4115	4176	4310	4301	4120	3318	4303	4313	3915	3785	3592	3715	3619	3324	3795	3855	4147	4442
Wind VIC	996	1019	1027	1031	1027	1016	1021	1016	1026	1032	1033	1014	1015	1020	1033	1030	1016	1015	1021	1025	1032	1027	1016	1017	1020	1026	1038
New gas VIC	16	37	17	107	309	809	2296	2970	3102	4092	5460	6574	9437	12711	15539	20343	23195	28539	29263	48660	49711	51859	54070	57777	58393	57321	54544
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	534	1068	1606	2135	2669	3203	3748	4270	4804	6169	8388
New Wind VIC	1367	1395	5136	5149	6508	6443	6486	6437	6487	6535	6539	6456	6428	6447	6532	6518	6443	6448	6472	6477	6535	6508	6460	6446	6447	6487	6633
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	62	76	28	80	98	113	90	116	88	82	87	99	99	97	91	111	142	136	168	203	192	227	174	180	134	122	158
Hydro TAS	8730	8875	8722	8260	8520	8368	7972	8132	8381	8447	8422	8455	8403	8318	8173	8413	8389	8196	8084	8393	8380	8222	7883	8218	8001	7663	7738
Wind TAS	516	524	524	523	525	510	513	510	511	517	518	515	515	515	518	521	518	517	521	520	525	521	521	520	520	520	530
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	479	1256	2021	2214
New Wind TAS	4	4	2786	4190	4493	5518	5556	5518	5534	5595	5578	5519	5534	5527	5559	5596	5537	5551	5567	5557	5613	5562	5555	5541	5539	5537	5841

Option 1a - Split 132+cap+HYTx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	9	9	337	535	222	738	456	427	418	410	341	224	265	229	234	100	-66	-127	39	279	-6	248	203	328	273	131	70
Natural Gas NSW	0	0	14	1	-1	7	5	4	16	17	20	11	10	9	9	9	-5	-9	2	6	-3	4	4	8	8	-1	-5
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	-1	-1	42	-24	-42	14	3	-5	12	24	54	39	25	16	-7	10	-2	-3	9	-35	5	-35	-58	-50	-54	-58	-1
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	1	0	1	1	1	6	-65	-77	223	132	228	280	347	530	566	370	231	107	154	75	25	-10	233	279
New Biomass NSW	0	0	0	48	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-53
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-6	-559	-627	-5	-901	-508	-502	-502	-501	-502	-501	-503	-503	-505	-502	-500	-507	-503	-504	-321	-360	-171	-17	50	-16	-32
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	1	2	27	15	34	62	36	29	23	22	16	12	16	14	9	6	2	-1	10	4	9	-53	-1	-26	-32	-33	-31
Natural Gas QLD	1	0	8	29	27	60	44	35	23	41	42	23	18	17	12	11	0	-3	8	-3	8	-26	-1	-13	-20	-20	-28
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	1	3	5	3	3	0	4	4	2	2	1	1	1	0	0	0	1	1	-1	0	0	-1	-1	-2
New gas QLD	0	0	12	25	45	70	74	85	131	120	114	93	96	94	90	81	76	63	85	83	97	179	85	66	72	71	74
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-2	167	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940

Brown Coal SA	1	1	-31	-126	-219	-415	-273	-264	-246	-236	-296	-328	-332	-320	-344	-316	-359	1	18	19	18	17	1	1	-12	-10	0
Natural Gas SA	3	3	-4	-454	-461	-548	-526	-595	-633	-697	-799	-851	-452	-299	-309	-79	531	321	274	278	272	257	378	331	274	259	378
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-82	24	77	-68	9	7	6	7	5	9	11	14	16	17	17	19	18	18	20	20	110	117	111	91	91
New gas SA	0	0	0	-2	-19	-106	-87	-102	-107	-107	-116	-138	-772	-981	-1007	-1369	-2232	-2475	-2431	-2485	-2541	-2524	-2044	-1950	-2140	-2224	-2026
New Wind SA	-7	-7	498	501	89	1106	653	651	655	654	651	647	649	652	658	650	645	648	652	652	653	651	-6	0	-4	-12	-163
New Biomass SA	0	0	0	0	0	0	0	26	33	48	681	635	650	95	93	100	116	204	-50	55	210	156	227	130	134	122	57
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255	485	799
New Solar SA	0	0	0	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	5	6	-183	-53	177	-11	11	11	1	-5	-90	-58	-47	-27	-25	-36	-18	-80	-36	-69	-67	-57	-33	-6	-9	-5	-6
Natural Gas VIC	0	0	-1	3	39	22	29	27	21	14	19	34	10	11	15	1	-16	-33	-20	-24	-35	-19	-9	2	-6	-3	-10
Hydro VIC	2	1	-49	49	74	14	26	32	17	3	-33	3	-13	-5	28	-4	-10	-38	-16	70	-76	73	79	128	87	95	18
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	0	2	34	85	163	196	253	387	126	42	381	892	884	1119	1468	1659	1739	1569	1870	1457	1299	898	1018	889	677
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	-7	-7	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	6
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	-1	9	12	7	8	8	7	5	4	8	4	3	7	1	-6	-8	-4	-1	-10	1	3	4	-1	-6	9
Hydro TAS	2	2	-17	35	70	46	55	53	50	46	30	50	27	38	41	28	4	-20	11	36	-34	40	40	20	3	5	64
Wind TAS	0	0	0	0	0	4	4	4	4	4	4	2	2	2	3	3	2	2	2	2	2	2	1	1	0	1	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184	187	188	19
New Wind TAS	-4	-4	-2	-2	-48	-77	-73	-73	-78	-75	-76	-73	-74	-74	-76	-75	-73	-75	-75	-76	-77	-78	-77	-76	-76	-77	-87

Option 1b - Split132+sc - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	1	331	619	309	804	504	475	463	452	370	250	288	261	283	142	-38	-71	94	335	51	317	267	406	365	215	129
Natural Gas NSW	0	0	14	1	-1	8	6	5	19	19	22	13	12	11	11	10	-3	-5	3	8	-1	8	6	10	10	1	-3
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	1	41	-52	-65	1	-8	-17	7	22	53	42	27	16	-22	10	-3	-13	1	-40	4	-44	-78	-53	-67	-70	-1
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	1	0	1	1	1	6	-63	-69	228	133	225	281	347	530	571	381	236	111	158	78	32	-2	246	292
New Biomass NSW	0	0	0	48	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-53
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	-554	-621	0	-897	-504	-498	-498	-497	-498	-497	-499	-499	-501	-497	-495	-503	-499	-499	-317	-356	-169	-15	52	-15	-30
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	1	25	14	33	62	36	30	23	22	16	12	17	16	10	6	2	0	9	3	9	-56	-3	-32	-41	-42	-39
Natural Gas QLD	0	-1	7	35	32	62	46	38	26	45	44	25	20	19	13	10	0	-3	6	-4	7	-26	-2	-17	-26	-26	-34
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	1	3	5	4	3	0	5	4	2	2	1	1	1	0	0	0	1	1	0	1	0	-1	-1	-2
New gas QLD	0	0	12	25	45	71	77	87	134	122	116	94	96	93	89	78	74	59	81	82	95	177	83	61	68	67	70
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-32	-134	-266	-446	-294	-282	-258	-246	-308	-337	-339	-329	-354	-323	-367	0	18	19	18	17	1	1	-12	-10	0
Natural Gas SA	0	0	-5	-600	-609	-664	-665	-754	-807	-892	-997	-1040	-635	-423	-420	-194	412	225	181	193	191	176	297	256	201	195	331
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-83	23	77	-63	16	14	12	13	11	11	16	19	20	19	18	21	19	19	21	20	116	131	122	101	96
New gas SA	0	0	0	-2	-25	-112	-91	-108	-113	-114	-124	-148	-781	-1060	-1095	-1467	-2323	-2647	-2597	-2646	-2700	-2686	-2177	-2086	-2273	-2347	-2126
New Wind SA	0	0	503	506	94	1110	657	654	659	658	655	651	654	656	662	655	650	652	657	657	657	655	1	4	1	-8	-159
New Biomass SA	0	0	0	0	0	0	0	25	32	47	678	633	642	91	90	97	115	201	-52	54	208	155	220	116	124	114	51
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255	486	799
New Solar SA	0	0	0	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	0	-190	-36	220	11	28	25	14	7	-77	-43	-20	-8	-9	-33	-18	-71	-30	-56	-52	-47	-29	-7	-10	-6	-6
Natural Gas VIC	0	0	-1	3	49	29	39	37	31	24	29	43	18	19	23	10	-10	-25	-12	-14	-25	-10	-5	8	-2	1	-6
Hydro VIC	0	0	-49	84	109	37	45	54	34	16	-24	10	-7	5	58	7	4	-7	16	102	-49	106	111	157	124	132	40
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	-1	1	42	99	202	255	324	482	237	150	484	1006	969	1246	1609	1790	1856	1663	1961	1544	1388	959	1050	903	690
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	-1	12	15	9	9	10	9	7	6	11	6	6	10	4	-2	-4	1	4	-5	7	8	13	4	0	16
Hydro TAS	0	0	-18	57	88	57	69	66	62	57	41	61	37	49	54	43	16	0	34	58	-12	62	62	49	47	52	103
Wind TAS	0	0	0	0	0	5	5	4	5	4	4	2	2	2	3	3	2	2	1	1	2	2	1	1	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184	187	188	18
New Wind TAS	0	0	0	0	-46	-77	-74	-73	-77	-74	-75	-71	-73	-72	-74	-74	-73	-75	-73	-74	-76	-75	-76	-74	-74	-75	-86

Option 2a - Split 132+cap+SETx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	0	332	531	217	736	451	423	414	407	336	221	261	223	230	96	-68	-127	40	276	-8	248	202	331	279	138	65
Natural Gas NSW	0	0	14	1	-2	7	5	4	16	16	21	11	10	9	9	8	-5	-8	2	6	-3	4	3	9	8	-1	-6
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	0	42	-23	-43	17	3	-4	12	25	52	39	24	17	-8	9	-2	-4	9	-35	4	-36	-57	-48	-56	-60	-2
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	1	0	1	1	1	6	-66	-78	222	131	231	279	346	528	562	370	229	105	152	77	24	-5	232	276
New Biomass NSW	0	0	0	48	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-53
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	-554	-621	0	-897	-504	-498	-498	-497	-498	-497	-499	-499	-501	-497	-495	-503	-499	-499	-317	-356	-169	-15	52	-15	-30
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	1	25	14	33	61	35	29	22	21	15	12	15	14	9	6	1	-1	9	3	9	-54	-1	-26	-33	-33	-31
Natural Gas QLD	0	-1	6	28	27	58	44	34	23	41	41	22	17	16	12	10	0	-3	8	-4	7	-26	-1	-14	-20	-20	-28
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	1	3	5	3	3	-1	4	4	2	1	1	1	1	0	0	0	1	1	-1	0	0	-1	-1	-2
New gas QLD	0	0	12	25	44	69	73	84	129	118	113	92	96	93	88	80	75	62	83	82	95	178	83	64	70	70	74
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-32	-127	-220	-416	-274	-265	-246	-237	-297	-329	-333	-321	-345	-317	-360	1	18	19	18	17	1	1	-12	-10	0
Natural Gas SA	0	0	-5	-456	-462	-549	-526	-596	-633	-698	-800	-852	-452	-300	-310	-80	530	319	274	277	272	256	378	331	273	259	377
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-83	23	77	-69	8	6	5	6	5	8	11	14	16	17	17	19	18	18	20	20	109	116	111	90	90
New gas SA	0	0	0	-2	-19	-107	-87	-102	-107	-108	-117	-138	-772	-981	-1007	-1370	-2233	-2475	-2432	-2486	-2542	-2525	-2046	-1951	-2140	-2224	-2027
New Wind SA	0	0	503	506	94	1110	657	655	659	658	656	651	654	656	662	655	650	652	657	657	657	655	-1	4	0	-8	-159
New Biomass SA	0	0	0	0	0	0	0	26	33	48	680	635	649	95	93	99	116	203	-50	55	209	156	227	130	133	122	57
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255	485	799
New Solar SA	0	0	0	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	-1	-190	-60	171	-15	7	7	-4	-8	-93	-61	-49	-29	-26	-37	-19	-80	-36	-70	-67	-57	-33	-6	-9	-5	-6
Natural Gas VIC	0	0	-1	3	39	21	29	27	21	14	19	34	9	10	15	1	-16	-33	-20	-24	-35	-19	-9	2	-6	-3	-10
Hydro VIC	0	0	-49	49	75	13	25	31	18	3	-33	3	-13	-6	27	-4	-10	-37	-15	68	-75	74	79	130	89	96	19
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	0	2	34	84	161	195	251	387	123	39	379	888	879	1116	1461	1651	1728	1566	1863	1448	1292	883	997	875	681
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	-1	9	12	7	7	8	7	5	4	8	4	3	7	1	-6	-8	-4	-1	-10	1	3	4	-1	-6	9
Hydro TAS	0	0	-18	34	69	46	56	53	50	45	30	49	26	37	40	28	4	-20	12	35	-34	39	39	22	4	4	62
Wind TAS	0	0	0	0	0	5	5	5	4	4	4	2	2	2	3	3	2	2	1	2	2	2	1	1	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184	187	188	18
New Wind TAS	0	0	0	0	-46	-76	-74	-74	-76	-75	-75	-71	-72	-72	-73	-74	-73	-75	-73	-74	-76	-75	-76	-74	-74	-75	-86

Option 2b - Split132+series comp+SETx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	0	331	619	308	805	505	474	463	451	370	252	287	257	283	143	-38	-72	94	336	52	317	269	403	355	209	134
Natural Gas NSW	0	0	14	1	-1	8	6	5	19	19	21	13	12	11	11	10	-3	-5	3	8	-1	8	6	10	10	1	-3
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	0	41	-52	-67	1	-8	-16	7	22	54	43	28	16	-21	10	-2	-13	1	-38	3	-43	-78	-50	-65	-66	0
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	1	0	1	1	2	6	-63	-69	228	134	230	280	347	530	571	380	236	111	157	78	32	-1	242	296
New Biomass NSW	0	0	0	48	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-53
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	-554	-621	0	-897	-504	-498	-498	-497	-498	-497	-499	-499	-501	-497	-495	-503	-499	-499	-317	-356	-169	-15	52	-15	-30
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	1	25	14	33	62	36	29	23	21	16	12	16	16	10	6	2	0	9	3	9	-56	-4	-32	-41	-41	-39
Natural Gas QLD	0	-1	6	35	33	62	47	38	27	45	44	25	20	19	13	10	0	-3	6	-4	8	-26	-3	-17	-26	-25	-35
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	1	3	5	3	4	0	4	4	2	2	1	1	1	0	0	0	1	1	0	1	0	-1	-1	-2
New gas QLD	0	0	12	25	45	70	76	87	134	122	116	94	96	93	89	78	74	59	82	82	95	177	83	61	68	67	68
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-32	-134	-266	-446	-294	-282	-258	-246	-308	-337	-339	-329	-354	-323	-366	0	18	19	18	17	1	1	-12	-10	0

Natural Gas SA	0	0	-5	-600	-608	-664	-665	-754	-808	-891	-997	-1040	-636	-423	-420	-195	412	226	181	194	191	176	297	256	200	194	331
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-83	24	77	-63	16	14	13	13	11	11	16	19	20	20	18	21	20	19	21	20	116	131	122	101	96
New gas SA	0	0	0	-2	-25	-112	-91	-108	-113	-114	-124	-148	-781	-1060	-1095	-1467	-2323	-2648	-2598	-2646	-2700	-2686	-2176	-2086	-2274	-2348	-2125
New Wind SA	0	0	503	506	94	1110	657	655	659	658	655	651	654	656	662	655	650	652	657	657	657	655	1	4	1	-8	-158
New Biomass SA	0	0	0	0	0	0	0	25	32	47	678	632	642	91	90	97	115	201	-52	54	208	155	220	116	124	114	51
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255	486	799
New Solar SA	0	0	0	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	0	-192	-37	217	9	26	25	12	7	-77	-42	-20	-8	-9	-33	-18	-71	-30	-57	-51	-47	-28	-7	-10	-6	-6
Natural Gas VIC	0	0	-1	3	49	29	39	37	31	25	29	43	17	19	23	10	-11	-24	-12	-14	-25	-11	-4	8	-2	0	-6
Hydro VIC	0	0	-48	84	110	38	45	53	34	16	-24	10	-8	5	57	7	2	-8	16	102	-49	104	112	153	120	131	39
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	-1	1	42	99	202	254	324	482	238	150	486	1005	970	1245	1611	1788	1858	1662	1959	1546	1386	964	1066	909	678
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	-1	12	15	9	9	10	9	7	6	11	7	6	10	4	-2	-4	1	4	-5	7	8	13	4	0	17
Hydro TAS	0	0	-18	57	88	57	69	67	62	57	41	61	37	49	54	43	16	0	34	59	-12	62	62	48	43	52	105
Wind TAS	0	0	0	0	0	5	5	5	4	4	4	2	2	2	2	3	2	2	1	2	2	2	1	1	0	1	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184	187	188	18
New Wind TAS	0	0	0	0	-46	-76	-73	-73	-76	-75	-75	-71	-72	-73	-73	-74	-73	-75	-73	-74	-76	-75	-76	-74	-74	-75	-86

Option 3 - Krongart 500kV - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	8	9	5	40	0	-12	-71	-68	-70	-74	-90	21	290	517	107	24	-3	139	206	186	315	642	649	865	982	1036	535
Natural Gas NSW	1	0	0	0	0	0	-1	-1	-2	1	2	2	20	21	9	8	2	8	10	5	14	30	28	26	27	36	15
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	-1	-1	-2	1	4	2	-3	-6	-10	-1	17	26	27	12	-120	-7	-22	-75	-81	-60	-88	-156	-186	-68	-74	10	26
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	1	0	1	0	0	18	-60	-141	-347	-300	-620	99	66	121	60	44	-13	44	64	70	-12	47	-411	72
New Biomass NSW	0	0	0	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-55	0	-53	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-6	-9	-119	-5	22	124	124	124	123	124	121	124	124	125	124	122	124	125	124	-36	49	-8	-137	-415	-157	-86
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	1	2	1	-14	30	25	11	9	5	7	5	0	24	23	9	0	-6	-6	-13	-13	-13	-103	-41	-64	-57	-68	-74
Natural Gas QLD	1	0	-3	-6	12	9	12	5	-10	11	15	11	28	26	12	3	-9	-12	-21	-10	-11	-43	-15	-38	-39	-45	-65
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	1	1	1	1	-4	1	2	1	3	3	1	1	0	1	0	0	1	0	2	0	-1	-1	-4
New gas QLD	0	0	8	17	33	41	41	55	84	67	75	74	73	86	59	36	33	25	31	56	48	106	41	60	97	86	70
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-2	167	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	1	1	1	-1	0	-16	10	12	13	11	-10	-29	-202	-295	-409	-284	-339	-50	-26	-31	-32	-34	-45	-43	-45	-24	-1
Natural Gas SA	3	2	1	0	-2	37	10	11	11	9	6	1	-1129	-851	-869	-641	-14	-144	-40	-29	-13	-19	68	33	3	39	202
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	1	-3	-6	-9	11	10	10	9	7	128	137	123	116	100	68	83	75	63	60	52	271	315	287	269	299
New gas SA	0	0	0	0	3	-62	4	4	4	4	3	3	-765	-1216	-1277	-1698	-2608	-3871	-4102	-4185	-4270	-4285	-3702	-3661	-3719	-3701	-3490
New Wind SA	-7	-7	-5	24	35	62	-52	-52	-52	-52	-52	-54	-49	302	305	300	298	296	299	299	299	298	-31	567	550	671	807
New Biomass SA	0	0	0	0	0	0	0	-28	-47	1	385	785	789	271	419	352	227	225	224	157	361	241	404	337	417	245	245
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	678	689	678	704	703	681	689	1048	1386	1382
New Solar SA	0	0	0	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	6	6	8	-4	-21	-1	9	13	15	5	-67	-272	-4	-98	-73	-106	-58	-91	-95	-37	-67	-87	-63	-9	-12	-13	-8
Natural Gas VIC	0	0	0	1	3	4	6	5	2	-5	-4	-1	61	40	56	43	17	17	10	11	4	24	29	53	36	46	44
Hydro VIC	2	1	0	-2	-7	-5	2	4	10	-2	-22	-22	31	22	181	57	52	129	140	124	134	327	305	255	234	158	68
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	1	1	0	0	-6	12	-8	6	1	59	-125	-310	884	1574	1287	1663	2225	2554	2596	2754	2634	2174	1591	705	584	355	-20
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39	-39
New Wind VIC	-7	-7	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	107
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	0	-2	-1	0	0	0	-2	-2	-5	15	9	17	10	6	10	11	9	11	28	32	53	26	21	58
Hydro TAS	2	2	1	0	-24	-2	1	3	5	-2	-14	-23	59	42	57	56	34	48	69	57	53	151	138	146	148	165	253
Wind TAS	0	0	0	0	0	0	2	2	2	1	2	1	2	1	1	1	0	1	1	1	1	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	85	60	-175
New Wind TAS	-4	-4	-2	-2	55	-5	-4	-6	-9	-5	-7	-4	-7	-7	-7	-5	-3	-5	-4	-4	-3	-2	-3	-3	-2	-2	-111

Option 4 - Split 132+cap-HEYTx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	8	11	338	511	200	741	467	449	442	433	383	261	306	254	244	100	-65	-134	31	264	-10	240	202	315	249	118	56
Natural Gas NSW	0	0	14	2	1	9	7	4	14	16	20	11	10	9	9	8	-5	-9	1	6	-3	3	4	8	7	-1	-6
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	-1	0	41	-10	-36	17	2	-8	7	19	43	31	15	10	-10	9	-2	-3	9	-33	5	-33	-59	-49	-52	-62	-2
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	1	0	1	1	1	6	-67	-76	232	145	245	304	370	544	574	374	231	107	158	80	37	-6	242	286
New Biomass NSW	0	0	0	48	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-53
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-6	-559	-627	-5	-901	-508	-502	-502	-501	-502	-501	-503	-503	-505	-502	-500	-507	-503	-504	-321	-360	-171	-17	50	-16	-32
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	1	2	26	15	38	67	40	34	26	25	18	13	16	14	9	7	1	-1	9	3	9	-54	-1	-25	-30	-30	-30
Natural Gas QLD	1	-1	7	23	24	58	43	33	22	39	41	23	19	17	12	11	0	-3	9	-3	7	-26	-1	-13	-18	-18	-26
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	1	2	5	3	3	-1	4	4	2	1	1	1	1	0	0	0	1	1	-1	0	0	0	-1	-2
New gas QLD	0	0	12	25	44	70	73	86	131	121	116	97	101	97	94	84	77	65	84	84	97	179	84	63	72	68	70
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-2	167	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	1	1	-31	-126	-214	-414	-271	-264	-246	-236	-296	-327	-331	-319	-341	-316	-358	1	18	19	18	17	1	1	-12	-10	0
Natural Gas SA	3	3	-4	-362	-368	-468	-427	-517	-549	-607	-759	-841	-447	-290	-296	-68	537	333	297	295	283	259	379	334	276	259	372
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-82	-77	-15	-216	-159	-147	-142	-139	-126	-99	-89	-81	-78	-68	-46	-53	-46	-40	-35	-28	9	7	10	-8	-26
New gas SA	0	0	0	-2	-15	-103	-84	-99	-104	-105	-116	-138	-772	-980	-1004	-1369	-2232	-2474	-2429	-2484	-2540	-2505	-2034	-1941	-2131	-2221	-2032
New Wind SA	-7	-7	498	501	89	1104	649	647	653	653	651	649	640	645	653	648	645	648	652	653	654	652	-12	-13	-14	-19	-167
New Biomass SA	0	0	0	0	0	0	0	12	19	32	639	578	557	7	8	18	44	121	-126	-16	137	92	146	48	59	47	-15
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255	479	783
New Solar SA	0	0	0	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	6	5	-184	3	223	81	121	122	104	99	9	34	58	55	46	11	17	-70	-28	-71	-69	-60	-33	-6	-9	-5	-6
Natural Gas VIC	0	0	-1	2	28	14	18	20	13	6	15	33	9	10	13	0	-16	-34	-22	-26	-36	-21	-9	2	-6	-4	-11
Hydro VIC	2	2	-48	30	60	6	21	29	16	2	-25	12	-3	1	28	-4	-8	-41	-21	59	-77	76	80	126	79	91	16
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	0	2	27	71	133	166	220	345	112	43	404	940	943	1205	1545	1795	1862	1716	1995	1554	1476	1096	1222	1090	918
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	-7	-7	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	6
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	-1	7	9	6	6	6	6	4	3	8	5	3	7	1	-6	-9	-4	-2	-11	0	3	3	-3	-7	8
Hydro TAS	2	2	-17	26	61	41	49	51	49	45	34	56	36	43	43	29	6	-22	8	31	-35	39	39	21	-6	-1	57
Wind TAS	0	0	0	0	0	4	4	4	4	4	5	2	2	2	3	3	2	2	2	2	2	2	1	1	0	1	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184	187	188	19
New Wind TAS	-4	-4	-2	-2	-48	-76	-73	-73	-77	-75	-77	-73	-74	-74	-76	-75	-74	-76	-75	-76	-77	-78	-77	-76	-76	-77	-87

Option 5 - DSM - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	0	-1	32	-7	804	504	475	463	452	370	250	288	261	283	142	-38	-71	94	335	51	317	267	406	365	215	129
Natural Gas NSW	0	0	1	0	0	8	6	5	19	19	22	13	12	11	11	10	-3	-5	3	8	-1	8	6	10	10	1	-3
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	0	0	1	4	1	-8	-17	7	22	53	42	27	16	-22	10	-3	-13	1	-40	4	-44	-78	-53	-67	-70	-1
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	1	1	1	6	-63	-69	228	133	225	281	347	530	571	381	236	111	158	78	32	-2	246	292
New Biomass NSW	0	0	0	48	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-53
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	-5	-112	0	-897	-504	-498	-498	-497	-498	-497	-499	-499	-501	-497	-495	-503	-499	-499	-317	-356	-169	-15	52	-15	-30
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	1	-1	-15	28	62	36	30	23	22	16	12	17	16	10	6	2	0	9	3	9	-56	-3	-32	-41	-42	-39
Natural Gas QLD	0	0	-6	-12	7	62	46	38	26	45	44	25	20	19	13	10	0	-3	6	-4	7	-26	-2	-17	-26	-26	-34
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	1	5	4	3	0	5	4	2	2	1	1	1	0	0	0	1	1	0	1	0	-1	-1	-2
New gas QLD	0	0	11	23	40	71	77	87	134	122	116	94	96	93	89	78	74	59	81	82	95	177	83	61	68	67	70
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	0	-2	-1	-446	-294	-282	-258	-246	-308	-337	-339	-329	-354	-323	-367	0	18	19	18	17	1	1	-12	-10	0
Natural Gas SA	0	0	0	-1	0	-664	-665	-754	-807	-892	-997	-1040	-635	-423	-420	-194	412	225	181	193	191	176	297	256	201	195	331

Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	0	-4	-7	-63	16	14	12	13	11	11	16	19	20	19	18	21	19	19	21	20	116	131	122	101	96
New gas SA	-1	-1	0	0	-1	-112	-91	-108	-113	-114	-124	-148	-781	-1060	-1095	-1467	-2323	-2647	-2597	-2646	-2700	-2686	-2177	-2086	-2273	-2347	-2126
New Wind SA	0	0	0	29	40	1110	657	654	659	658	655	651	654	656	662	655	650	652	657	657	657	655	1	4	1	-8	-159
New Biomass SA	0	0	0	0	0	0	0	25	32	47	678	633	642	91	90	97	115	201	-52	54	208	155	220	116	124	114	51
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255	486	799
New Solar SA	0	0	0	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	1	2	-10	-28	11	28	25	14	7	-77	-43	-20	-8	-9	-33	-18	-71	-30	-56	-52	-47	-29	-7	-10	-6	-6
Natural Gas VIC	0	0	0	0	1	29	39	37	31	24	29	43	18	19	23	10	-10	-25	-12	-14	-25	-10	-5	8	-2	1	-6
Hydro VIC	0	0	-1	-2	-7	37	45	54	34	16	-24	10	-7	5	58	7	4	-7	16	102	-49	106	111	157	124	132	40
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	0	0	-4	99	202	255	324	482	237	150	484	1006	969	1246	1609	1790	1856	1663	1961	1544	1388	959	1050	903	690
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	0	-2	9	9	10	9	7	6	11	6	6	10	4	-2	-4	1	4	-5	7	8	13	4	0	16
Hydro TAS	0	0	0	-1	-25	57	69	66	62	57	41	61	37	49	54	43	16	0	34	58	-12	62	62	49	47	52	103
Wind TAS	0	0	0	0	0	5	5	4	5	4	4	2	2	2	3	3	2	2	1	1	2	2	1	1	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184	187	188	18
New Wind TAS	0	0	0	0	58	-77	-74	-73	-77	-74	-75	-71	-73	-72	-74	-74	-73	-75	-73	-74	-76	-75	-76	-74	-74	-75	-86

Option 6a - Control Scheme - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	9	9	0	1	-6	-2	-9	-7	-7	-8	-9	-11	-20	-10	-15	-6	-2	-3	-1	-6	-31	-5	-8	14	18	7	-3
Natural Gas NSW	0	0	-1	-1	-1	-1	-1	-1	0	0	-1	0	0	0	0	0	0	0	1	0	-1	0	0	1	1	1	1
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	-1	-1	-2	-1	0	1	0	1	1	-2	2	1	4	5	6	1	1	2	0	4	11	2	6	-6	-4	3	-1
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	1	-1	-4	-16	-11	-12	-7	0	1	-1	-5	-2	-4	-4	-1	-1	-12
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-6	-5	-5	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-3	-2	-2	-1	-1	-1
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	1	3	0	0	-2	-2	-2	-2	-2	-1	-1	-1	0	0	0	0	1	0	0	1	1	1	1	0	-3	-1	2
Natural Gas QLD	1	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	1	0	0	0	-1	-1	0
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas QLD	0	0	0	0	1	0	0	-1	-1	-1	-1	-1	-1	0	-1	0	1	1	1	1	4	2	2	1	1	2	6
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	1	1	1	2	1	1	2	2	2	2	1	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0
Natural Gas SA	3	3	1	2	1	1	1	1	1	1	1	2	2	2	2	2	1	2	2	2	1	2	2	2	2	3	4
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	43	39	49	44	70	63	60	57	51	43	44	39	38	33	25	29	27	24	23	20	57	66	62	60	56
New gas SA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	3	3	4	3	3	4	4	6	6	6	7
New Wind SA	-7	-7	-5	-5	-5	-4	-5	-5	-4	-5	-5	-5	-2	-3	-4	-4	-4	-4	-4	-5	-5	-5	3	4	2	1	5
New Biomass SA	0	0	0	0	0	0	0	6	6	6	6	13	54	91	90	92	100	92	96	93	93	91	66	66	66	67	65
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	5	6	-25	-24	-25	-23	-45	-44	-40	-39	-32	-32	-46	-47	-44	-28	-23	-4	-5	-2	-2	0	0	0	0	0	0
Natural Gas VIC	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	0	1	1	-1
Hydro VIC	2	2	1	1	0	0	-1	-1	1	1	-1	0	-6	-5	-9	-3	0	-2	-3	-8	-27	-6	-7	6	10	-1	3
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	0	0	0	0	0	0	1	0	1	2	-12	-40	-41	-66	-81	-105	-109	-94	-42	-91	-108	-154	-158	-137	-131
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	-7	-7	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-3
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	1	1	0	0
Hydro TAS	2	2	-1	0	-1	0	-1	-1	0	-1	-1	-1	-3	-2	-2	-1	-1	0	1	-1	-10	-1	-1	4	7	1	4
Wind TAS	0	0	0	0	0	-1	1	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	-4	-4	-2	-2	-2	-2	-1	-3	-6	-3	-4	-3	-5	-5	-5	-3	-2	-4	-3	-3	-2	-2	-2	-3	-2	-2	-3

Option 6b - Control Scheme+Split132+series comp - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940

Black Coal NSW	0	1	322	515	217	727	445	426	418	408	346	236	280	248	264	125	-50	-97	62	311	30	288	236	373	320	173	124
Natural Gas NSW	0	0	13	1	-2	7	5	4	15	16	21	12	11	10	10	9	-4	-7	3	7	-1	6	5	10	10	1	-4
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	0	40	-22	-48	11	-5	-13	3	15	46	40	27	16	-24	9	-2	-12	1	-45	1	-46	-71	-52	-65	-62	0
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	1	0	1	1	1	6	-66	-74	225	132	225	278	346	528	570	376	234	112	157	75	32	-4	239	292
New Biomass NSW	0	0	0	48	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-53
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	-554	-621	0	-897	-504	-498	-498	-497	-498	-497	-499	-499	-501	-497	-495	-503	-499	-499	-317	-356	-169	-15	52	-15	-30
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	1	24	11	29	58	33	27	21	20	15	11	16	15	10	6	1	-1	9	3	9	-55	-2	-30	-36	-38	-39
Natural Gas QLD	0	-1	7	24	24	56	43	33	22	40	41	24	19	17	13	10	0	-4	7	-4	7	-26	-2	-15	-23	-23	-33
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	1	2	4	3	3	-1	4	4	2	2	1	1	1	0	0	0	1	1	-1	0	0	-1	-1	-2
New gas QLD	0	0	12	25	44	69	72	84	128	117	113	92	95	92	88	77	74	60	81	82	94	176	83	62	69	68	69
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	-48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-32	-134	-259	-443	-291	-280	-258	-246	-309	-338	-340	-329	-353	-323	-367	0	18	19	18	17	1	1	-12	-10	0
Natural Gas SA	0	0	-5	-413	-421	-507	-473	-573	-608	-673	-854	-959	-597	-375	-374	-142	458	276	242	248	235	190	313	271	222	206	333
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-23	33	86	-45	36	32	30	31	28	25	20	23	24	25	23	26	24	24	26	24	124	138	131	110	107
New gas SA	0	0	0	-2	-18	-107	-86	-103	-107	-109	-121	-146	-781	-1049	-1075	-1454	-2315	-2624	-2556	-2614	-2679	-2613	-2126	-2035	-2218	-2308	-2117
New Wind SA	0	0	503	506	94	1109	656	654	658	657	655	650	656	657	663	655	649	652	656	656	657	655	4	10	5	-5	-156
New Biomass SA	0	0	0	0	0	0	0	26	34	49	683	640	652	101	101	107	124	211	-42	63	217	164	229	126	132	124	60
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255	485	802
New Solar SA	0	0	0	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98	-98
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	-1	0	-237	-69	187	-11	0	3	-8	-12	-92	-57	-35	-25	-25	-42	-23	-76	-36	-63	-59	-53	-30	-6	-9	-6	-6
Natural Gas VIC	0	0	-1	2	30	15	19	21	15	7	17	37	15	15	18	4	-13	-30	-18	-22	-31	-17	-7	5	-4	-1	-6
Hydro VIC	0	0	-48	44	77	13	27	36	23	7	-27	7	-10	0	50	3	-4	-16	-3	91	-56	95	99	146	113	114	37
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	-1	0	31	75	140	180	232	367	153	104	469	981	952	1216	1579	1762	1826	1636	1936	1516	1360	921	1023	905	663
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	-1	7	10	5	6	7	6	4	4	9	6	4	8	2	-4	-6	-2	1	-8	3	5	9	1	-2	15
Hydro TAS	0	0	-21	27	65	41	48	50	46	42	31	54	34	43	45	35	10	-10	18	46	-19	52	50	40	27	30	101
Wind TAS	0	0	0	0	0	4	5	4	4	4	4	2	2	2	3	3	2	2	1	2	2	2	1	1	0	1	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	184	187	188	18
New Wind TAS	0	0	0	0	-46	-76	-74	-73	-76	-75	-75	-71	-72	-72	-73	-74	-73	-75	-73	-74	-76	-76	-76	-74	-74	-75	-86

Central scenario generation expansion results

Base - Generation (GWh)

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	56716	58294	56646	57073	56844	56260	55019	55987	57810	58341	58614	59990	61855	61635	62290	63042	63727	64584	64911	65725	66260	67215	68203	69568	69983	70964	70870
Natural Gas NSW	3580	3669	1177	1223	1360	1286	1735	2209	1061	1073	1106	1108	1151	1181	1218	1192	1219	1237	1181	1254	1297	1296	1284	1240	1211	1186	1199
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	1841	1485	2454	2554	2560	2512	2497	2468	2491	2499	2353	2274	2256	2294	2300	2223	2000	1901	1875	1772	1688	1634	1573	1410	1370	1280	1332
Wind NSW	653	659	667	665	661	647	665	661	665	664	665	646	659	663	669	661	647	664	661	666	664	661	647	662	663	665	668
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	8	11	10	11	24	28	39	28	38	436	813	899
New Biomass NSW	804	901	903	901	901	1239	1963	2040	2041	2011	2161	2100	2138	2192	2200	2195	2195	2248	2200	2195	2150	2140	2105	2098	2099	2153	2313
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	155	157	2782	3297	5730	6804	8158	8111	8123	8103	8138	7978	8110	8129	8178	8103	7986	8142	8124	8149	8103	8099	8008	8123	8129	8123	8154
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	52439	53522	56414	56706	57606	57464	57856	58058	58626	58844	59323	59864	58869	59691	59900	60316	60734	60721	61038	60821	61238	61583	62133	62025	61845	62007	62446
Natural Gas QLD	3719	4919	1933	1910	1200	1106	975	1450	1700	1964	1991	2070	2369	2081	1958	1503	1525	1729	1288	1298	1145	1064	1042	697	628	572	633
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	614	615	611	622	629	631	650	694	724	743	746	748	775	776	763	727	728	773	711	719	696	679	685	647	640	636	637
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	313	1375	2119	3112	3348	3768	4838	5870	6775	7554	7964	9251	10605	11377	12218
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	659	1415	2318	2971	3170	3070	3061	3169	3062	3071	3116	3115	3061	3071	3114	3060	3115	3072	3116	3063	3171	3070	3116	3063	3063	3070
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	2	2	2	403	404	1165	1176	1173	1164	1164	1171	1164	1174	1173	1167	1169	1165	1174	1178	1168	1164	1168	1168	1173	1173	1164	1169
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	4641	4801	2961	2953	2773	2701	2731	2797	2808	2813	2831	2831	2879	2919	2926	2933	2942	49	49	49	48	50	32	33	33	32	32
Natural Gas SA	2450	2520	1867	1941	1913	1931	1948	2051	2026	2047	2057	2100	2142	2209	2280	2263	2302	3459	3440	3545	3603	3706	3716	3764	3694	3687	3664
Liquid Fuel SA	450	461	461	464	467	462	463	459	462	469	470	463	458	458	466	468	462	459	462	460	469	467	464	459	458	462	472
Wind SA	4042	4097	3786	3807	3756	3640	3655	3648	3679	3674	3669	3656	3667	3680	3718	3700	3688	3671	3675	3693	3708	3708	3714	3700	3705	3736	3756
New gas SA	0	0	0	1	7	6	6	9	52	52	52	55	56	62	61	62	64	1207	1241	1232	1248	1285	1318	1369	1538	1660	1750
New Wind SA	7	7	5143	5167	5311	5723	5786	5728	5770	5797	5784	5736	5703	5715	5784	5761	5702	5730	5727	5731	5770	5746	5712	5733	5713	5746	5798
New Biomass SA	0	0	0	0	0	318	292	344	386	437	477	477	475	442	441	440	480	440	444	444	443	477	447	479	447	447	814
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	48787	48762	45873	44242	43157	42135	42465	42877	43129	43376	43368	43814	44275	44739	45374	45556	45840	45758	45963	46019	45960	45929	46627	46559	46992	46927	46780
Natural Gas VIC	81	108	80	89	109	113	112	131	138	168	184	194	232	267	315	294	290	378	379	416	468	672	550	542	554	591	635
Hydro VIC	2937	3417	2197	2150	2224	2249	2266	2452	2583	2681	2676	2626	2788	2946	3015	3125	3196	3475	3424	3572	3678	3792	3909	3993	4030	4131	4143
Wind VIC	996	1019	1027	1031	1027	1016	1021	1016	1026	1032	1033	1014	1015	1020	1033	1030	1015	1014	1020	1025	1031	1027	1016	1016	1020	1026	1038
New gas VIC	0	0	0	0	0	1	3	9	14	30	42	51	91	119	184	153	148	234	237	286	350	356	252	255	276	309	351
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	1367	1395	5879	5895	6683	7894	7949	7886	7946	8007	8011	7912	7875	7896	8001	7986	7893	7899	7928	7932	8006	7972	7915	7898	7895	7945	8053
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	56	49	1	1	3	2	2	5	7	14	20	16	35	41	35	53	48	69	73	84	102	144	132	167	174	173	181
Hydro TAS	8584	8212	8289	8412	8574	8586	8616	8724	8610	8416	8647	8551	8625	8749	8420	8522	8615	8594	8528	8603	8699	8391	8505	8474	8478	8419	8604
Wind TAS	516	524	524	503	508	507	508	505	509	516	515	511	512	512	515	518	513	511	515	515	519	516	516	514	515	516	525
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	4	4	2787	5505	5793	5753	5802	5768	5785	5848	5837	5770	5789	5785	5818	5855	5787	5789	5813	5805	5864	5812	5799	5790	5793	5791	5888

Option 1a - Split 132+cap+HYTx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	8	63	62	478	283	546	720	728	747	684	652	618	624	592	598	611	570	568	528	518	511	519	464	460	443	256	183
Natural Gas NSW	1	6	2	22	20	19	60	79	12	10	15	10	20	20	21	20	15	32	29	25	30	33	40	15	13	14	1
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	-2	0	0	-83	-78	-53	-3	-2	6	11	27	21	38	30	19	26	34	31	37	17	32	39	40	21	20	12	10
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	4	3	6	3	5	8	11	9	203	215	120	168
New Biomass NSW	0	-97	-97	-96	-97	-434	-1009	-1035	-1036	-1020	-999	-942	-979	-1034	-1038	-1026	-973	-1026	-1003	-1001	-956	-999	-960	-957	-959	-655	-641
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-6	-6	-72	-5	-9	13	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	2	-38	-44	-61	60	112	90	79	73	73	77	63	73	70	60	55	54	60	44	41	42	39	35	30	26	18	17
Natural Gas QLD	1	-22	-7	19	42	52	22	41	42	47	56	44	67	15	6	16	8	38	-33	-58	-19	-49	-43	-2	1	5	1
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	2	1	3	7	6	7	8	5	8	3	3	1	2	6	-6	-7	-3	-6	-6	0	0	0	0
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	5	90	83	80	94	124	233	257	202	237	260	141	142	144	119
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	93	92	100	-29	-130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940

Brown Coal SA	2	2	1	-226	-393	-365	-382	-365	-359	-353	-334	-321	-291	-273	-267	-258	-252	-1	-20	-2	-2	-1	-1	-2	-2	17	-1
Natural Gas SA	2	3	1	-404	-453	-460	-494	-511	-505	-500	-488	-506	-489	-496	-496	-504	-517	-660	-650	-664	-644	-619	-672	-671	-576	-482	-501
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	1	159	77	167	181	170	173	180	179	165	154	155	160	161	146	157	152	154	156	152	142	148	144	145	149
New gas SA	0	0	0	0	-4	-4	-4	-6	-16	-16	-15	-18	-20	-21	-23	-22	-26	-201	-175	-203	-201	-216	-195	-193	-327	-460	-525
New Wind SA	-7	-7	-5	-3	405	39	36	35	35	34	34	38	53	53	54	50	53	53	57	52	54	52	49	54	52	51	51
New Biomass SA	0	0	0	0	108	468	910	874	953	980	895	952	846	927	977	931	950	924	877	975	924	899	947	850	894	897	1176
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	6	7	-1	14	364	38	-75	-60	-68	-55	-46	-54	-63	-67	-75	-69	-70	-74	-69	-81	-88	-89	-85	-60	-50	-66	-105
Natural Gas VIC	0	1	0	1	12	8	6	14	10	8	12	5	12	11	7	9	6	24	29	24	28	45	32	23	24	30	10
Hydro VIC	2	1	3	131	117	95	40	51	42	27	32	30	39	25	16	21	17	35	32	24	13	14	7	13	16	15	-7
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	-1	-1	0	0	0	0	0
New gas VIC	0	0	0	0	0	-1	-2	0	0	0	2	1	6	12	7	7	5	17	21	16	4	6	5	2	0	4	-5
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	-7	-7	-5	-5	-180	-106	-107	-106	-107	-108	-108	-106	-106	-107	-108	-107	-106	-107	-108	-108	-108	-107	-107	-106	-107	-107	-109
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	1	1	0	0	1	1	0	2	1	2	1	1	1	0	3	6	5	7	9	10	9	7	9	1
Hydro TAS	2	6	5	35	23	23	10	18	14	6	14	4	18	0	-2	4	-4	16	21	9	16	36	34	29	31	38	-3
Wind TAS	0	0	0	4	2	2	4	2	3	2	2	2	3	2	2	2	3	1	1	0	1	1	1	0	1	0	1
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	-4	-4	-3	-8	-270	-5	-10	-8	-13	-10	-10	-8	-8	-7	-9	-6	-9	-9	-7	-5	-7	-5	-7	-6	-5	-4	-3

Option 1b - Split132+sc - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	54	56	647	495	747	902	890	907	832	780	729	720	684	683	695	640	669	630	612	593	593	530	532	506	314	226
Natural Gas NSW	0	5	2	30	28	26	76	98	15	14	19	13	24	25	25	25	19	43	37	34	39	39	49	22	20	18	5
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	1	1	-119	-116	-88	-38	-36	-29	-19	11	7	24	14	3	7	19	19	27	5	28	36	35	12	13	9	5
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	4	3	6	4	5	9	12	9	208	225	135	184
New Biomass NSW	0	-97	-97	-96	-97	-434	-1009	-1035	-1036	-1020	-999	-942	-979	-1034	-1038	-1026	-973	-1026	-1003	-1001	-956	-999	-960	-957	-959	-655	-641
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	0	-67	0	-5	17	17	17	17	17	16	17	17	17	17	16	17	17	17	17	16	16	17	17	17	17
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	-39	-46	-77	44	99	81	73	66	65	70	55	73	69	59	55	55	62	45	42	43	39	37	30	26	18	18
Natural Gas QLD	0	-23	-7	28	52	62	30	50	55	57	68	56	78	24	15	24	17	53	-20	-48	-11	-43	-37	3	5	9	4
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	2	1	4	8	7	9	10	6	10	5	5	3	3	8	-5	-6	-3	-6	-6	1	0	0	0
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	5	93	88	87	103	143	258	286	232	262	296	171	172	168	141
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	93	92	100	-29	-130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	1	-291	-511	-483	-498	-464	-447	-431	-407	-386	-349	-316	-304	-294	-285	-2	-20	-3	-2	-2	-2	-2	-3	16	-2
Natural Gas SA	0	1	1	-564	-607	-608	-650	-674	-660	-647	-631	-641	-631	-633	-626	-638	-647	-884	-867	-885	-853	-813	-865	-877	-786	-682	-678
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	0	158	80	170	184	174	176	183	182	169	156	158	161	162	149	159	154	155	157	153	144	149	145	145	150
New gas SA	0	0	0	0	-5	-4	-4	-7	-20	-20	-18	-21	-24	-25	-26	-26	-29	-235	-212	-235	-232	-249	-229	-223	-360	-496	-554
New Wind SA	0	0	0	2	410	44	40	39	39	39	39	43	58	57	60	56	57	58	61	58	60	57	54	59	57	57	57
New Biomass SA	0	0	0	0	108	466	906	870	949	977	891	947	843	924	973	927	946	921	874	972	921	896	943	847	891	894	1173
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	2	-7	17	363	46	-55	-40	-54	-43	-31	-41	-46	-54	-69	-59	-59	-70	-68	-75	-81	-83	-79	-51	-36	-54	-89
Natural Gas VIC	0	0	0	1	16	11	11	20	17	14	18	11	19	18	14	15	13	43	46	42	48	71	57	46	50	59	36
Hydro VIC	0	0	1	190	174	152	99	109	99	80	79	73	85	66	54	58	53	79	80	68	47	38	34	47	50	42	17
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	-1	-1	-1	0	0	0	0	0
New gas VIC	0	0	0	0	0	-1	-2	1	1	2	4	3	10	16	13	11	9	26	29	25	12	14	11	9	10	14	9
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	-175	-102	-103	-103	-104	-104	-104	-102	-102	-103	-104	-104	-103	-104	-105	-104	-104	-104	-103	-103	-103	-104	-105
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	1	1	0	0	2	1	1	3	2	3	2	2	2	1	6	10	9	12	16	15	16	14	16	8
Hydro TAS	0	2	4	48	40	41	25	32	30	24	31	23	36	13	15	21	13	49	56	42	47	71	68	66	70	80	27
Wind TAS	0	0	0	3	2	2	4	2	2	1	2	2	1	1	2	1	2	1	1	0	1	1	1	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	0	-6	-267	-4	-7	-4	-4	-3	-5	-5	-4	-3	-5	-4	-7	-7	-5	-3	-5	-4	-4	-4	-3	-2	-2

Option 2a - Split 132+cap+SETx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	54	58	473	280	545	716	725	743	681	649	613	620	588	594	607	564	562	524	514	507	515	460	454	440	254	179
Natural Gas NSW	0	5	1	22	20	19	60	79	12	10	16	10	20	20	21	19	15	32	29	24	30	32	39	15	13	13	1
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	1	0	-83	-78	-52	-2	-3	4	11	27	21	37	30	20	26	31	31	37	17	33	39	37	19	20	14	9
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	4	3	5	3	5	8	11	8	203	214	118	168
New Biomass NSW	0	-97	-97	-96	-97	-434	-1009	-1035	-1036	-1020	-999	-942	-979	-1034	-1038	-1026	-973	-1026	-1003	-1001	-956	-999	-960	-957	-959	-655	-641
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	0	-67	0	-5	17	17	17	17	17	16	17	17	17	17	16	17	17	17	17	16	16	17	17	17	17
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	-39	-46	-63	58	111	89	78	72	71	75	61	72	69	59	55	53	59	43	40	42	38	35	30	26	18	17
Natural Gas QLD	0	-23	-7	18	42	52	22	41	42	45	56	44	66	13	6	15	8	38	-34	-58	-20	-49	-43	-2	1	5	1
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	2	1	3	7	6	7	8	5	8	3	2	1	2	6	-6	-7	-3	-6	-6	0	0	0	0
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	5	89	83	80	93	123	233	256	201	234	259	138	141	142	117
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	93	92	100	-29	-130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	1	-227	-394	-366	-382	-365	-359	-354	-335	-322	-292	-274	-267	-259	-253	-1	-20	-2	-2	-1	-1	-2	-2	17	-1
Natural Gas SA	0	0	0	-405	-454	-460	-495	-511	-505	-501	-489	-506	-490	-497	-497	-504	-517	-660	-651	-665	-645	-620	-673	-672	-577	-483	-502
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	0	159	78	167	181	171	173	181	180	165	154	155	160	161	146	157	152	154	156	153	143	148	144	144	149
New gas SA	0	0	0	0	-4	4	-4	-6	-16	-16	-15	-18	-20	-21	-23	-22	-26	-201	-175	-203	-201	-217	-196	-193	-327	-461	-524
New Wind SA	0	0	0	2	410	44	40	39	39	38	38	43	58	57	59	54	57	57	60	56	58	56	53	58	56	55	55
New Biomass SA	0	0	0	0	108	468	909	873	952	979	894	951	845	926	976	930	949	923	876	974	923	898	946	849	893	896	1175
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	2	-9	5	355	30	-82	-67	-77	-60	-53	-59	-69	-70	-81	-75	-74	-79	-73	-85	-93	-92	-89	-64	-53	-68	-107
Natural Gas VIC	0	0	0	1	11	8	6	14	10	8	11	6	12	11	8	8	7	24	29	24	28	44	32	23	24	30	10
Hydro VIC	0	-1	2	131	116	95	39	51	41	26	32	29	39	24	17	20	17	34	32	23	13	13	7	12	15	14	-7
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	-1	-1	-1	0	0	0	0	0
New gas VIC	0	0	0	0	0	-1	-2	0	0	0	2	1	6	12	7	7	5	17	21	16	4	5	5	2	0	3	-5
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	-175	-102	-103	-103	-104	-104	-104	-102	-102	-103	-104	-104	-103	-104	-105	-104	-104	-104	-103	-103	-103	-104	-105
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	1	1	0	0	1	1	0	2	1	2	1	1	1	1	3	6	5	7	9	9	9	6	9	0
Hydro TAS	0	2	5	35	23	24	9	16	11	2	12	2	16	-3	-5	4	-5	15	21	9	16	35	32	28	30	38	-3
Wind TAS	0	0	0	3	2	2	3	1	2	1	2	2	2	1	2	2	2	1	1	0	1	1	1	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	0	-5	-267	-5	-6	-4	-5	-3	-5	-6	-4	-3	-4	-5	-6	-7	-6	-4	-4	-3	-4	-4	-3	-2	-2

Option 2b - Split132+series comp+SETx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	55	58	648	496	745	903	889	907	833	781	729	721	684	685	696	639	669	631	611	594	592	530	532	508	314	225
Natural Gas NSW	0	5	1	30	28	26	75	98	15	14	19	14	24	25	25	25	19	43	37	34	39	39	49	22	19	18	5
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	2	0	-119	-116	-88	-38	-35	-30	-21	10	8	23	15	3	6	20	21	27	5	28	34	33	12	12	8	5
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	4	3	6	4	5	9	13	9	208	226	134	184
New Biomass NSW	0	-97	-97	-96	-97	-434	-1009	-1035	-1036	-1020	-999	-942	-979	-1034	-1038	-1026	-973	-1026	-1003	-1001	-956	-999	-960	-957	-959	-655	-641
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	0	-67	0	-5	17	17	17	17	17	16	17	17	17	17	16	17	17	17	17	16	16	17	17	17	17
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	-39	-47	-77	44	99	80	72	66	66	69	55	73	69	59	54	55	61	45	42	43	40	36	30	26	18	18
Natural Gas QLD	0	-23	-7	28	51	62	30	51	55	57	69	56	78	24	15	24	17	53	-20	-48	-11	-44	-36	2	5	9	4
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	2	1	4	8	8	9	10	6	10	4	4	2	3	8	-5	-6	-3	-6	-6	1	0	0	1
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	5	93	87	87	103	143	258	286	232	262	296	171	172	168	140
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	93	92	100	-29	-130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	1	-291	-511	-483	-498	-464	-447	-431	-407	-386	-349	-316	-304	-294	-285	-2	-20	-3	-2	-2	-2	-2	-3	16	-2

Natural Gas SA	0	0	0	-564	-607	-608	-650	-674	-660	-647	-631	-640	-630	-633	-626	-638	-647	-884	-867	-885	-854	-813	-865	-877	-786	-682	-679
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	0	160	82	172	186	175	177	185	184	171	158	159	163	164	151	160	155	156	158	155	145	151	146	146	151
New gas SA	0	0	0	0	-5	-4	-4	-7	-20	-20	-18	-21	-24	-25	-26	-26	-29	-235	-213	-235	-232	-249	-229	-223	-360	-496	-554
New Wind SA	0	0	0	2	410	44	40	39	39	39	38	43	58	57	60	56	57	58	62	58	60	57	54	60	58	57	57
New Biomass SA	0	0	0	0	108	465	905	869	948	976	890	945	842	923	972	926	945	920	873	971	920	895	942	846	890	893	1172
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	2	-9	13	360	46	-57	-39	-55	-45	-32	-41	-50	-54	-70	-61	-60	-71	-70	-73	-82	-82	-80	-51	-39	-54	-89
Natural Gas VIC	0	0	0	1	16	11	11	20	17	15	18	11	19	18	14	16	13	43	46	42	48	71	57	45	50	59	37
Hydro VIC	0	-1	2	190	174	151	98	109	100	80	80	73	86	66	54	59	53	79	81	67	48	39	35	47	51	42	17
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	-1	-1	-1	0	0	0	0	0
New gas VIC	0	0	0	0	0	-1	-2	1	1	2	4	3	10	17	12	11	9	26	29	25	12	14	11	9	10	14	9
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	-175	-102	-103	-103	-104	-104	-104	-102	-102	-103	-104	-104	-103	-104	-105	-104	-104	-104	-103	-103	-103	-104	-105
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	1	1	1	1	2	1	1	3	2	3	2	2	2	1	6	10	9	12	16	14	16	15	16	8
Hydro TAS	0	2	5	48	40	41	26	32	31	24	30	24	36	12	15	22	13	49	56	42	47	71	68	66	70	80	27
Wind TAS	0	0	0	3	2	2	3	2	2	1	2	2	2	1	2	2	2	1	1	0	1	1	1	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	0	-6	-267	-5	-6	-5	-6	-3	-5	-5	-4	-3	-4	-5	-6	-6	-6	-4	-5	-3	-4	-4	-3	-2	-2

Option 3 - Krongart 500kV - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	54	56	113	-130	128	346	375	371	343	370	174	884	807	784	781	703	709	685	647	599	576	521	490	463	254	59
Natural Gas NSW	0	5	1	2	0	2	21	28	2	0	5	-2	34	37	35	36	32	68	56	56	58	53	70	38	33	30	16
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	1	1	1	10	63	112	107	109	112	103	87	-7	-14	-27	-24	2	-2	-6	-24	17	25	21	1	6	-4	-8
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6	5	4	7	5	8	12	17	11	220	254	177	228
New Biomass NSW	0	-97	-97	-96	-97	-434	-1009	-1035	-1036	-1020	-999	-942	-979	-1034	-1038	-1026	-973	-1026	-1003	-1001	-956	-999	-960	-957	-959	-655	-641
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	0	-67	0	-5	17	17	17	17	17	16	17	17	17	17	16	17	17	17	17	16	16	17	17	17	17
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	-40	-46	-43	71	115	89	76	73	74	74	70	105	96	87	81	89	125	87	90	91	85	82	71	55	41	44
Natural Gas QLD	0	-23	-7	-5	13	25	3	15	7	3	8	11	117	55	42	45	40	98	10	-23	9	-33	-24	12	15	16	15
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	0	0	1	3	1	0	2	0	14	6	7	4	5	13	-2	-3	-1	-5	-4	1	1	0	1
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	9	112	113	123	144	237	364	403	367	394	437	341	338	322	362
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	93	92	100	-29	-130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	1	1	-89	-17	-21	-20	-26	-30	-28	-38	-563	-478	-449	-430	-403	-20	-30	-17	-15	-15	-11	-12	-11	5	-12
Natural Gas SA	0	1	1	1	-57	-5	-8	-5	-8	-9	-7	-14	-881	-881	-864	-891	-899	-1403	-1386	-1391	-1354	-1306	-1366	-1374	-1291	-1189	-1186
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	0	0	-112	-13	-13	-13	-14	-15	-15	332	325	332	336	333	300	398	394	387	399	382	349	380	366	363	374
New gas SA	0	0	0	0	-2	-2	-2	-4	-4	-5	-4	-6	-32	-32	-33	-33	-37	-336	-319	-338	-332	-346	-330	-325	-467	-605	-658
New Wind SA	0	0	0	0	404	36	34	34	35	35	35	38	56	56	59	53	59	55	61	57	58	56	57	60	58	57	56
New Biomass SA	0	0	0	0	103	429	839	804	874	899	813	1036	933	1017	1072	1025	1039	1079	1033	1140	1088	1058	1097	1004	1042	1043	1418
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	15	7	13	11	11	7	8	7	10	9
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	3	-7	-11	381	-4	-144	-135	-127	-102	-110	-426	-181	-186	-228	-189	-182	-284	-284	-298	-300	-299	-273	-277	-258	-259	-326
Natural Gas VIC	0	0	0	0	1	-1	-6	-3	-7	-11	-7	-13	34	34	29	32	30	85	90	88	99	141	122	109	121	134	109
Hydro VIC	0	-1	1	3	-14	-66	-127	-114	-119	-126	-110	-115	176	138	122	124	111	175	189	162	116	96	91	110	114	99	71
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1
New gas VIC	0	0	0	0	0	-1	-2	-2	-3	-5	-6	-8	29	40	38	41	35	83	88	83	73	84	68	76	82	98	85
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	-175	-102	-103	-103	-104	-104	-104	-104	-117	-125	-120	-119	-114	-117	-117	-113	-113	-110	-109	-110	-109	-109	-111
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	0	0	0	-1	-1	-1	-3	-2	-2	5	4	4	5	3	14	18	18	23	30	29	33	29	34	26
Hydro TAS	0	2	5	4	-13	-13	-25	-18	-35	-49	-28	-90	64	26	42	38	30	93	106	89	88	135	135	136	149	162	83
Wind TAS	0	0	0	3	1	2	3	1	1	2	1	2	1	1	2	1	1	-2	-2	-2	-1	0	0	-1	-1	-1	-1
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	0	-5	-266	-5	-6	-3	-4	-4	-4	-5	-3	-3	-5	-3	-9	-26	-20	-14	-18	-15	-11	-13	-12	-10	-9

Option 4 - Split 132+cap-HEYTx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	9	64	64	421	229	566	758	763	791	746	738	697	712	692	714	732	686	691	645	635	629	632	575	574	555	369	316
Natural Gas NSW	1	6	2	17	15	18	62	81	12	10	15	10	20	20	23	20	16	33	28	26	30	33	40	15	14	13	2
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	-1	-1	-1	-61	-60	-50	-3	-3	2	11	28	20	36	30	20	22	30	30	33	15	31	38	38	19	17	11	4
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	4	3	6	3	5	8	11	9	204	217	123	175
New Biomass NSW	0	-97	-97	-96	-97	-434	-1009	-1035	-1036	-1020	-999	-942	-979	-1034	-1038	-1026	-973	-1026	-1003	-1001	-956	-999	-960	-957	-959	-654	-641
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-6	-6	-72	-5	-9	13	13	13	13	13	12	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	1	-38	-44	-58	61	112	95	83	79	75	74	61	47	47	38	32	28	36	29	25	26	26	23	20	19	13	12
Natural Gas QLD	1	-22	-6	8	29	41	17	31	34	34	46	36	55	4	0	13	8	33	-35	-59	-19	-48	-43	-2	1	5	2
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	1	0	3	6	5	7	8	5	8	3	3	1	2	5	-6	-7	-4	-6	-6	0	0	0	0
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	2	80	67	62	73	100	211	235	174	208	240	104	109	109	70
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	93	92	100	-29	-130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	2	2	2	-212	-366	-357	-379	-362	-357	-352	-333	-322	-292	-275	-270	-261	-259	-2	-20	-2	-2	-1	-1	-2	-2	17	-1
Natural Gas SA	2	3	1	-302	-364	-422	-483	-498	-497	-494	-480	-502	-475	-486	-493	-496	-510	-646	-629	-656	-633	-608	-660	-659	-566	-472	-497
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	1	1	-113	-9	-10	-10	-9	-9	-9	-9	-6	-8	-8	-6	-5	-5	-7	-6	-6	-6	-4	-5	-6	-7	-5
New gas SA	0	0	0	0	-4	-4	-4	-6	-16	-16	-15	-18	-20	-21	-23	-22	-26	-200	-173	-203	-201	-216	-195	-192	-326	-460	-524
New Wind SA	-7	-7	-5	-5	402	32	31	31	32	32	32	32	29	30	30	29	29	30	32	30	31	31	30	30	30	32	30
New Biomass SA	0	0	0	0	103	431	848	813	885	911	826	884	783	862	908	864	883	860	815	911	861	837	880	792	837	840	1087
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	5	6	-3	143	534	212	125	135	123	133	113	105	111	99	90	83	76	61	58	60	56	60	42	85	84	67	47
Natural Gas VIC	0	1	0	1	8	6	6	13	9	8	11	6	11	10	7	8	7	22	27	23	27	43	31	22	23	29	11
Hydro VIC	2	2	3	97	89	87	38	49	44	28	33	33	37	27	20	26	23	36	34	27	15	15	10	14	19	16	1
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	0	0	0	-1	-2	0	0	0	2	1	7	12	7	7	5	16	20	15	4	4	4	1	0	3	-5
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	-7	-7	-5	-5	-180	-106	-107	-106	-107	-108	-108	-106	-106	-107	-108	-107	-106	-105	-107	-107	-108	-107	-106	-106	-107	-107	-108
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	1	0	0	0	1	0	0	1	1	0	2	1	2	1	1	1	1	3	6	5	8	10	10	9	7	9	2
Hydro TAS	2	6	6	31	19	25	15	23	23	20	32	20	32	18	17	24	17	34	36	22	30	44	46	37	39	46	12
Wind TAS	0	0	0	3	2	3	4	2	3	3	2	2	2	2	2	3	2	2	2	1	2	1	2	1	1	1	1
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	-4	-4	-3	-7	-270	-7	-9	-8	-12	-11	-9	-7	-8	-7	-8	-8	-7	-4	-3	-2	-5	-4	-5	-3	-3	-2	-3

Option 5 - DSM - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	55	56	111	-130	747	902	890	907	832	780	729	720	684	683	695	640	669	630	612	593	593	530	532	506	314	226
Natural Gas NSW	0	5	1	2	0	26	76	98	15	14	19	13	24	25	25	25	19	43	37	34	39	39	49	22	20	18	5
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	1	0	2	10	-88	-38	-36	-29	-19	11	7	24	14	3	7	19	19	27	5	28	36	35	12	13	9	5
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	2	3	5	4	3	6	4	5	9	12	9	208	225	135	184
New Biomass NSW	0	-97	-97	-96	-97	-434	-1009	-1035	-1036	-1020	-999	-942	-979	-1034	-1038	-1026	-973	-1026	-1003	-1001	-956	-999	-960	-957	-959	-655	-641
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	0	-67	0	-5	17	17	17	17	17	16	17	17	17	17	16	17	17	17	17	16	16	17	17	17	17
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	-39	-46	-43	71	99	81	73	66	65	70	55	73	69	59	55	55	62	45	42	43	39	37	30	26	18	18
Natural Gas QLD	0	-23	-7	-6	13	62	30	50	55	57	68	56	78	24	15	24	17	53	-20	-48	-11	-43	-37	3	5	9	4
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	0	1	4	8	7	9	10	6	10	5	5	3	3	8	-5	-6	-3	-6	-6	1	0	0	0
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	5	93	88	87	103	143	258	286	232	262	296	171	172	168	141
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	93	92	100	-29	-130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	1	1	-89	-483	-498	-464	-447	-431	-407	-386	-349	-316	-304	-294	-285	-2	-20	-3	-2	-2	-2	-2	-3	16	-2
Natural Gas SA	0	1	1	1	-57	-608	-650	-674	-660	-647	-631	-641	-631	-633	-626	-638	-647	-884	-867	-885	-853	-813	-865	-877	-786	-682	-678

Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	0	0	-112	170	184	174	176	183	182	169	156	158	161	162	149	159	154	155	157	153	144	149	145	145	150
New gas SA	0	0	0	-1	-2	-4	-4	-7	-20	-20	-18	-21	-24	-25	-26	-26	-29	-235	-212	-235	-232	-249	-229	-223	-360	-496	-554
New Wind SA	0	0	0	0	404	44	40	39	39	39	39	43	58	57	60	56	57	58	61	58	60	57	54	59	57	57	57
New Biomass SA	0	0	0	0	103	466	906	870	949	977	891	947	843	924	973	927	946	921	874	972	921	896	943	847	891	894	1173
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	2	-7	-9	381	46	-55	-40	-54	-43	-31	-41	-46	-54	-69	-59	-59	-70	-68	-75	-81	-83	-79	-51	-36	-54	-89
Natural Gas VIC	0	0	0	1	1	11	11	20	17	14	18	11	19	18	14	15	13	43	46	42	48	71	57	46	50	59	36
Hydro VIC	0	-1	2	2	-13	152	99	109	99	80	79	73	85	66	54	58	53	79	80	68	47	38	34	47	50	42	17
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	-1	-1	-1	0	0	0	0	0
New gas VIC	0	0	0	0	0	-1	-2	1	1	2	4	3	10	16	13	11	9	26	29	25	12	14	11	9	10	14	9
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	-175	-102	-103	-103	-104	-104	-104	-102	-102	-103	-104	-104	-103	-104	-105	-104	-104	-104	-103	-103	-103	-104	-105
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	0	0	0	0	2	1	1	3	2	3	2	2	2	1	6	10	9	12	16	15	16	14	16	8
Hydro TAS	0	2	4	2	-14	41	25	32	30	24	31	23	36	13	15	21	13	49	56	42	47	71	68	66	70	80	27
Wind TAS	0	0	0	0	-1	2	4	2	2	1	2	2	1	1	2	1	2	1	1	0	1	1	1	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	0	0	-262	-4	-7	-4	-4	-3	-5	-5	-4	-3	-5	-4	-7	-7	-5	-3	-5	-4	-4	-4	-3	-2	-2

Option 6a - Control Scheme - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	8	9	-24	-14	-8	-20	-15	-12	-17	-21	-32	-32	-35	-46	-45	-50	-47	-53	-51	-49	-50	-47	-47	-50	-49	-50	-53
Natural Gas NSW	1	0	0	0	0	0	-1	-1	0	0	0	0	0	0	0	0	0	0	-1	0	0	-1	0	0	-1	0	0
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	-2	-2	1	-1	-1	0	-1	-1	-1	2	0	1	0	-1	0	3	1	1	1	-1	3	1	-1	0	2	1	2
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	-1	-1
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-6	-6	-5	-5	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	1	1	6	3	1	1	-1	0	-2	-1	2	2	12	11	11	12	13	11	8	8	7	6	6	6	5	3	2
Natural Gas QLD	1	1	1	2	2	3	3	4	5	6	6	5	6	7	5	2	0	2	0	1	0	1	0	-1	0	0	0
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	-1	0	0	0	0	0	0
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	10	10	12	12	12	14	14	14	20	20	21	21
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	2	2	1	1	1	1	1	1	1	2	2	2	2	2	3	3	4	0	0	0	0	0	0	0	0	0	0
Natural Gas SA	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	1	1	2	2
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	84	85	88	92	100	95	97	100	99	90	79	80	82	82	76	79	76	78	79	77	73	74	73	72	76
New gas SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
New Wind SA	-7	-7	-3	-4	-3	2	0	-1	-1	-1	-1	2	15	14	16	13	14	14	17	14	15	14	12	15	13	13	13
New Biomass SA	0	0	0	0	0	7	7	8	9	11	10	10	10	9	10	10	9	9	8	8	8	9	9	9	8	9	17
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	5	4	-40	-59	-68	-76	-83	-83	-78	-78	-67	-65	-75	-65	-73	-64	-60	-53	-49	-56	-56	-59	-53	-59	-56	-57	-61
Natural Gas VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	-1
Hydro VIC	2	2	-1	0	1	0	1	1	1	-2	0	-1	-1	-1	-2	-3	-2	-1	-2	-1	-3	-1	-1	-1	-1	-2	-2
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	-1	-1	0	0	0	0	0
New gas VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	-7	-7	-5	-5	-4	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-3	-3	-3	-2	-2	-3	-2	-2	-2	-2
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
Hydro TAS	2	4	-11	-3	-2	-2	-2	0	-1	-3	-5	-5	-6	-8	-6	-8	-7	-8	-9	-6	-7	-4	-4	-4	-4	-3	-6
Wind TAS	0	0	0	1	0	1	2	2	2	1	2	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	-4	-4	-3	-2	-1	-2	-5	-6	-9	-7	-7	-3	-4	-3	-5	-3	-5	-5	-2	-2	-4	-2	-3	-3	-2	-1	-2

Option 6b - Control Scheme+Split132+series comp - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940

Black Coal NSW	0	54	34	451	273	616	822	822	851	785	736	695	695	661	665	675	621	640	596	585	570	574	514	509	487	299	215
Natural Gas NSW	0	5	1	19	17	20	69	90	13	12	17	12	23	22	24	22	17	38	33	29	34	36	43	18	17	16	5
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	1	1	-71	-75	-68	-26	-25	-18	-12	11	11	25	18	8	12	22	23	27	7	28	36	33	14	13	12	8
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	0	0	2	3	4	4	3	5	3	5	8	12	9	206	221	129	182
New Biomass NSW	0	-97	-97	-96	-97	-434	-1009	-1035	-1036	-1020	-999	-942	-979	-1034	-1038	-1026	-973	-1026	-1003	-1001	-956	-999	-960	-957	-959	-655	-641
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	0	-67	0	-5	17	17	17	17	17	16	17	17	17	17	16	17	17	17	17	16	16	17	17	17	17
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	-39	-44	-66	55	105	84	74	66	66	71	56	73	69	61	56	55	61	42	42	43	40	36	31	26	17	18
Natural Gas QLD	0	-23	-7	11	36	50	24	43	48	53	63	51	73	19	11	20	13	46	-26	-52	-14	-45	-41	0	3	8	4
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	1	1	3	7	6	8	9	6	9	4	4	2	2	7	-6	-6	-3	-6	-6	1	0	0	0
New gas QLD	0	0	0	0	0	0	0	0	0	0	0	0	5	92	87	85	101	137	249	277	222	255	286	164	164	161	143
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	93	92	100	-29	-130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	1	-256	-428	-437	-467	-441	-432	-422	-398	-381	-344	-315	-304	-293	-284	-2	-20	-2	-2	-2	-2	-2	-2	17	-2
Natural Gas SA	0	1	1	-345	-407	-481	-568	-588	-591	-590	-570	-592	-564	-574	-581	-581	-593	-794	-766	-802	-772	-737	-785	-793	-700	-602	-651
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	83	174	98	189	203	192	194	202	200	185	158	159	162	163	149	160	155	156	159	155	144	152	148	148	153
New gas SA	0	0	0	0	-4	-4	-4	-7	-19	-19	-17	-20	-23	-24	-26	-25	-28	-228	-203	-231	-227	-243	-223	-218	-356	-491	-552
New Wind SA	0	0	2	2	410	43	40	39	39	39	38	43	61	60	63	59	60	60	64	60	62	60	58	61	59	58	58
New Biomass SA	0	0	0	0	108	468	912	876	955	983	897	951	847	927	977	930	949	923	876	974	923	898	944	848	891	896	1176
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	-1	2	-65	6	351	32	-79	-62	-75	-60	-49	-55	-64	-69	-82	-74	-70	-80	-78	-80	-87	-89	-85	-59	-46	-61	-98
Natural Gas VIC	0	0	0	1	8	8	8	15	12	11	14	8	14	14	11	11	9	31	34	32	36	54	41	33	37	44	32
Hydro VIC	0	-1	1	111	109	114	73	82	77	60	62	58	63	49	40	42	38	59	57	51	33	27	23	30	33	28	11
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	-1	-1	-1	0	0	0	0	0
New gas VIC	0	0	0	0	0	-1	-2	0	0	2	4	3	9	15	12	10	8	24	26	23	10	11	9	7	7	11	7
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind VIC	0	0	0	0	-175	-102	-103	-103	-104	-104	-104	-102	-102	-103	-104	-104	-103	-105	-105	-104	-104	-104	-103	-103	-103	-104	-105
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	0	1	0	0	1	1	0	2	2	2	1	2	2	1	5	8	7	10	13	12	13	10	11	6
Hydro TAS	0	2	-4	31	18	26	16	24	22	14	22	16	29	8	9	15	6	35	40	28	33	56	54	50	52	61	21
Wind TAS	0	0	0	3	2	3	3	2	1	1	2	2	1	1	2	2	2	1	1	0	1	1	1	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	0	-6	-267	-6	-6	-4	-4	-2	-5	-4	-4	-3	-5	-4	-5	-7	-6	-4	-5	-4	-3	-4	-3	-2	-3

Low scenario generation expansion results

Base - Generation (GWh)

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	63374	63871	59001	57985	54438	51705	49176	31347	31458	24305	20133	20167	20512	18480	11762	9543	9188	9023	8850	8874	6229	6192	6291	6041	5832	5736	5695
Natural Gas NSW	3707	3603	4333	4261	4402	4267	4273	4253	2437	1967	2047	2103	2243	2174	2146	2308	2233	2092	2145	1983	1902	1900	1976	2025	1848	1749	1715
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	1495	1458	1655	1810	2024	2323	2616	1866	2068	1575	1689	1826	1744	2005	2439	2580	2678	2488	2569	2380	2206	2213	2309	2219	2284	2239	2215
Wind NSW	653	659	667	665	661	647	665	661	665	664	665	646	659	663	669	661	647	664	661	666	664	661	647	662	663	665	668
New gas NSW	0	0	0	0	2612	4796	6932	31770	33837	45785	50465	51148	51909	52955	57976	59406	58869	58521	57880	57613	55462	54980	55079	54171	54360	53161	52700
New Biomass NSW	0	807	1563	2415	2359	2415	2314	2362	2361	2306	2260	2415	2360	2360	2259	2306	2305	2359	2367	2306	2361	2414	2312	2415	2308	2308	2314
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	505	2187	2862	3008	3709	3859	4155	4074
New Solar NSW	0	0	0	439	422	439	423	422	422	439	441	422	439	422	1056	1684	2832	3972	5233	6479	8026	9288	10581	12239	14131	16438	18436
New Wind NSW	155	157	2077	2648	4330	6195	7453	7384	7406	7396	7416	7306	7386	7403	7453	7638	8546	10335	10877	11655	16247	16226	16061	16265	16268	16271	16339
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	54422	53824	45939	45254	41701	38542	31301	29565	28959	27939	27710	27218	26915	24350	24116	23602	23490	20294	20066	19882	19896	19385	19532	19464	19409	19393	19441
Natural Gas QLD	4349	4812	10567	10494	10410	9933	8314	7251	7393	6334	6042	6050	5983	4829	4617	4169	3770	2326	1865	1657	1522	1398	1143	1005	742	618	634
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	630	626	642	631	641	640	646	642	647	669	739	811	875	897	927	935	928	784	742	729	724	701	696	679	657	649	650
New gas QLD	133	3349	8828	8673	11393	15101	24415	25124	26521	28410	29615	31077	32983	31285	30952	30680	29417	24746	23649	21715	19982	18923	18016	17557	16563	15505	15095
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	6994	9261	11455	13943	23306	25717	28084	29869	31980	32626	32442	32326	32346	32267
New Biomass QLD	749	803	1599	2323	3022	3772	4595	4752	4634	4528	4703	4633	4527	4688	4594	4634	4580	4645	4604	4687	4634	4689	5464	6175	7073	7730	8462
New Solar QLD	0	0	756	1484	1484	1484	1488	1484	1484	1484	1488	1484	1484	1484	1488	1484	1484	1546	1550	1484	1484	1484	1488	1609	1776	1718	1883
New Wind QLD	2	2	2	2	404	398	406	402	401	401	406	397	405	402	404	404	398	405	404	402	401	404	399	405	402	1601	1613
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	3998	4024	3106	3088	2070	1217	1237	1259	1270	1284	1297	1288	44	44	26	0	18	1	28	1	0	0	0	0	0	0	0
Natural Gas SA	2883	2792	2563	2730	3263	3205	3144	3154	3127	3202	3312	3434	3397	3438	3245	2793	2752	2865	2784	2744	2565	2588	2567	2597	2654	2613	2673
Liquid Fuel SA	450	461	461	464	467	462	463	459	462	469	470	463	458	458	466	468	462	459	462	460	469	467	464	459	458	462	472
Wind SA	4046	4101	3941	4025	3976	3752	3740	3731	3775	3793	3812	3846	3792	3783	3785	3715	3718	3707	3714	3635	3627	3592	3595	3555	3564	3574	3552
New gas SA	5	5	2	4	188	493	636	726	832	885	931	965	1311	1366	1120	863	855	903	1011	986	842	857	894	770	811	773	855
New Wind SA	7	7	4503	4529	4742	5907	5969	5910	5953	5980	5966	5922	5890	5904	5965	5897	5828	5871	5875	6305	6313	6555	6574	6603	6557	6645	7070
New Biomass SA	0	0	0	0	0	0	0	649	1272	1962	1905	1984	2023	1937	1850	1787	1813	1794	1904	1769	1842	1853	1899	1709	1765	1824	1776
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	1298	1704	2704	4194	4409	4380	4417	4399	5149	5134	5285	5698	5697	5895	5633
New Solar SA	0	0	0	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	240	240	658	1210	1210	1213
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	48576	48102	35485	16986	14727	12692	8047	732	722	730	735	733	749	733	734	730	715	713	708	683	676	674	667	641	614	641	643
Natural Gas VIC	101	103	94	160	163	171	156	292	322	398	499	525	601	621	750	819	710	665	608	540	506	508	503	400	380	366	397
Hydro VIC	3374	3460	3623	3362	3092	2898	2654	3316	3165	3691	3695	3650	3869	3637	3317	3253	3141	3327	3197	3454	3567	3581	3714	3618	3455	3472	3525
Wind VIC	996	1019	1023	1031	1027	1016	1021	1016	1026	1032	1033	1014	1015	1020	1033	1030	1016	1015	1021	1025	1032	1027	1016	1016	1018	1024	1035
New gas VIC	134	282	4470	23047	25899	27872	32801	36052	36670	34367	35316	35965	35595	34853	34665	32010	31366	29489	28566	23879	21101	20169	18892	19476	19277	19316	19214
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	2342	2444	4237	4244	4239	4250	4196	4243	4000	3856	3764	3591	3639	3595
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1665	3312	4968	6493	8115	9799	11365	12912	13994	13822	13548	13647	13798
New Wind VIC	1367	1395	5121	5149	6508	6443	6486	6437	6487	6535	6539	6456	6428	6447	6532	6518	6443	6448	6472	9769	10131	10065	10511	11053	12135	12368	12520
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	278	282	373	219	222	211	139	197	194	207	188	249	225	244	244	286	290	256	245	242	174	186	205	140	155	112	125
Hydro TAS	9199	9222	8086	8329	8275	8314	8541	8586	8596	8606	8648	8691	8532	8456	8509	8520	8438	8645	8578	8602	8552	8553	8578	8504	8571	8531	8503
Wind TAS	516	524	516	523	525	522	525	521	523	528	528	522	522	521	525	527	522	522	525	524	528	524	524	521	521	521	530
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	4	4	2759	3594	3612	3850	3878	3852	3857	3902	3890	3844	3853	3849	3870	3895	3850	3858	3872	3863	3902	3866	3857	3849	3849	3846	3911

Option 1a - Split 132+cap+HYTx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	24	23	669	1026	546	-111	69	-179	-24	77	-31	-66	-99	-93	11	41	20	28	50	27	18	9	-5	-38	-23	12	5
Natural Gas NSW	0	0	15	1	-1	-4	-3	-1	11	18	-7	-14	-19	-23	13	27	16	23	30	21	9	9	-6	-36	-21	22	15
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	2	1	48	58	-54	26	17	41	0	0	-32	-21	-9	-32	-16	2	-7	-11	2	9	6	6	1	-4	43	54	59
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	-517	-598	-544	-472	-478	-525	-176	-151	-24	-170	-466	-365	-365	-369	-296	-388	-553	-583	-657	-832	-630	-480	-474
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	216	216	161	216	72	0	0
New Solar NSW	0	0	0	218	209	218	210	209	209	218	218	209	192	209	210	253	366	370	385	384	161	161	162	149	149	147	148
New Wind NSW	0	0	-1036	-1611	0	411	251	252	255	255	257	241	251	253	257	2	-54	-91	-242	-361	0	0	0	1	-1	-2	-3
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	3	4	206	438	390	-21	125	-183	39	128	74	67	59	63	69	64	57	31	18	14	14	9	9	16	15	11	10
Natural Gas QLD	1	2	26	28	45	-2	22	-31	43	89	46	44	32	45	67	88	81	63	63	57	48	46	47	98	108	66	70
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	1	2	1	2	3	1	2	4	4	2	-1	7	8	12	8	6	6	4	5	4	4	7	7	7	7
New gas QLD	0	1	-214	-209	783	1655	1457	1971	896	-30	-23	-30	-26	-13	-8	23	27	92	117	157	236	257	375	822	1106	1007	984
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	19	40	64	85
New Biomass QLD	0	0	0	0	-753	-1480	-1486	-1536	-809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	38	36	36	36	37	36	36	36	37	36	36	36	37	36	36	38	38	36	36	36	37	34	34	33	34
New Wind QLD	0	0	0	0	-268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-25	-249	-298	-185	-169	-191	-187	-189	-202	-206	0	-18	19	44	26	43	17	44	1	0	1	0	0	3	0
Natural Gas SA	7	9	-17	-334	-389	-441	-357	-370	-335	-354	-383	-418	-421	-491	-187	-202	-132	-141	-163	-137	-278	-308	-273	-529	-571	-509	-595
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-113	10	42	166	185	173	174	177	163	116	103	23	62	64	71	62	61	16	-8	22	23	-5	-4	-27	-40
New gas SA	0	0	0	-1	-83	-240	-364	-410	-457	-449	-390	-407	-557	-625	-344	-245	-263	-247	-237	-195	-224	-264	-264	-333	-369	-312	-400
New Wind SA	0	0	607	640	407	-94	-95	-96	-97	-96	-96	-96	-89	-88	-76	-60	-51	-56	-57	-125	13	1	10	-43	-44	78	171
New Biomass SA	0	0	0	0	705	1448	1424	1333	743	206	188	162	56	84	69	71	119	71	25	133	-93	-41	-102	-32	-20	-85	-57
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	422	693	1853	1037	895	803	790	778	685	1067	1145	1135	1805	1920	1681	1842
New Solar SA	0	0	0	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-240	-240	-658	-1210	-1210	-1213
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	5	4	8	23	80	-21	3	-9	-2	1	0	-2	-2	-1	-2	-3	-4	-2	-1	-1	-1	-2	0	0	0	0	0
Natural Gas VIC	5	5	1	2	19	-6	2	-21	-7	13	9	-7	-7	-5	-10	-2	-24	-10	-2	-9	-4	-10	-6	-20	-20	-15	-20
Hydro VIC	1	1	-58	-65	76	-46	-31	-56	-12	12	30	19	11	14	3	1	14	10	9	2	0	-6	-24	-58	-99	-74	-93
Wind VIC	0	0	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
New gas VIC	-56	-59	-456	-853	-650	-220	-430	-114	323	739	647	440	212	524	-51	6	32	57	156	38	154	104	524	662	390	53	-15
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	-1214	-349	-420	-421	-420	-421	-404	-381	-353	-245	-183	-204	-312	-295
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	26	96	192	244	107	105
New Wind VIC	0	0	322	1186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	136	-120	-155	-694	-1157	-803	-201	-201
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	4	2	-4	22	23	5	12	4	7	13	18	11	12	7	13	14	4	16	21	13	9	9	11	-1	2	7	9
Hydro TAS	4	4	-21	34	74	43	55	45	57	70	54	57	55	53	48	65	55	57	61	50	64	58	69	51	21	29	19
Wind TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	-6	-155	-156	-307	-156	-155	-155	-157	-157	-155	-155	-155	-156	-157	-155	-155	-156	-155	-157	-156	-155	-155	-154	-154	-157

Option 1b - Split132+sc - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	24	25	669	1083	638	-30	157	-136	19	101	-10	-44	-73	-76	20	47	27	39	55	32	23	13	-1	-36	-22	13	6
Natural Gas NSW	0	0	15	1	-1	-4	-3	0	17	24	-2	-9	-14	-20	14	29	19	27	34	24	13	11	-3	-35	-18	24	15
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	2	3	29	55	-64	9	-11	33	-1	1	-33	-31	-11	-32	-22	5	-16	-14	-7	1	2	0	-3	-10	50	51	60
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	-517	-597	-544	-468	-476	-521	-173	-150	-26	-165	-451	-349	-354	-359	-284	-374	-539	-572	-647	-829	-624	-473	-466
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	216	216	161	216	72	0	0
New Solar NSW	0	0	0	218	209	218	210	209	209	218	218	209	192	209	210	253	366	370	385	384	161	161	162	149	149	147	148
New Wind NSW	0	0	-1036	-1611	0	411	251	252	255	255	257	241	251	253	257	2	-54	-91	-242	-361	0	0	0	1	-1	-2	-3
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	2	4	205	443	398	-11	128	-174	46	135	85	73	63	69	69	65	56	32	18	14	14	9	9	16	15	11	10
Natural Gas QLD	2	2	26	28	45	-1	23	-25	50	96	50	49	37	46	70	89	83	63	63	57	49	47	47	98	108	67	70
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	3	1	2	3	2	3	4	2	4	5	4	12	11	8	6	6	5	5	3	4	7	7	7	7
New gas QLD	0	1	-214	-209	783	1655	1457	1971	896	-30	-24	-28	-25	-14	-6	24	28	93	117	157	235	257	375	822	1107	1007	985
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	19	40	64	85
New Biomass QLD	0	0	0	0	-753	-1480	-1486	-1536	-809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	38	36	36	36	37	36	36	36	37	36	36	36	37	36	36	38	38	36	36	36	37	34	34	33	34
New Wind QLD	0	0	0	0	-268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-25	-314	-360	-221	-213	-234	-228	-230	-243	-240	0	-18	19	44	26	43	17	44	1	0	1	0	0	3	0
Natural Gas SA	7	9	-17	-394	-500	-584	-513	-502	-464	-476	-500	-519	-522	-557	-249	-254	-192	-201	-217	-191	-327	-359	-315	-577	-623	-561	-650
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-113	11	42	169	191	178	179	181	167	118	105	17	55	53	62	51	53	7	-26	0	4	-28	-27	-53	-71
New gas SA	0	0	0	-1	-108	-281	-416	-465	-521	-521	-463	-466	-639	-678	-395	-286	-298	-289	-287	-243	-262	-300	-298	-354	-388	-334	-420
New Wind SA	0	0	607	640	407	-95	-95	-96	-97	-97	-96	-96	-88	-85	-73	-57	-47	-53	-55	-120	19	9	17	-36	-36	91	182
New Biomass SA	0	0	0	0	705	1446	1420	1329	739	202	184	161	51	85	70	74	121	73	25	130	-90	-35	-95	-27	-11	-73	-43
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	422	694	1855	1039	901	807	796	784	688	1073	1152	1140	1814	1927	1683	1849
New Solar SA	0	0	0	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-240	-240	-658	-1210	-1210	-1213
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	6	4	8	34	96	-1	17	-7	0	2	1	-1	0	0	-1	-2	-3	-1	0	-1	-1	-2	0	0	0	0	0
Natural Gas VIC	5	5	1	2	26	1	10	-7	9	26	22	1	10	4	0	7	-17	-2	7	-4	1	-6	-1	-17	-18	-12	-18
Hydro VIC	1	1	-58	-49	101	-11	3	-39	4	24	39	31	20	23	13	11	23	19	19	11	9	1	-19	-54	-94	-68	-90
Wind VIC	0	0	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
New gas VIC	-56	-59	-456	-809	-588	-132	-313	21	457	892	805	568	319	591	11	53	85	112	217	100	200	157	564	712	439	103	40
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	-1214	-349	-420	-421	-420	-421	-404	-381	-353	-245	-183	-203	-312	-295
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	26	96	193	244	107	104
New Wind VIC	0	0	322	1186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	141	-117	-153	-693	-1156	-803	-201	-201
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	4	2	-4	25	25	7	15	7	11	15	22	13	15	8	14	16	5	19	23	16	11	10	13	0	3	8	9
Hydro TAS	4	4	-21	38	82	51	64	53	65	77	59	64	61	59	53	69	59	61	66	55	70	63	74	55	25	33	22
Wind TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	-5	-155	-156	-307	-156	-155	-155	-157	-157	-155	-155	-155	-156	-157	-155	-155	-156	-155	-157	-156	-155	-155	-154	-154	-157

Option 2a - Split 132+cap+SETx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	25	23	669	1026	548	-111	66	-182	-25	75	-32	-65	-98	-96	12	40	21	28	49	27	18	10	-6	-38	-24	11	5
Natural Gas NSW	0	0	15	1	-1	-4	-3	-1	10	18	-7	-13	-19	-23	13	27	18	23	31	20	10	9	-6	-37	-22	22	15
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	2	2	46	70	-50	31	11	44	12	2	-32	-22	-11	-30	-21	6	-8	-11	1	7	6	2	0	-9	51	57	63
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	-517	-598	-544	-471	-476	-524	-175	-155	-22	-167	-465	-366	-367	-368	-297	-389	-555	-583	-658	-835	-628	-477	-473
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	216	216	161	216	72	0	0
New Solar NSW	0	0	0	218	209	218	210	209	209	218	218	209	192	209	210	253	366	370	385	384	161	161	162	149	149	147	148
New Wind NSW	0	0	-1036	-1611	0	411	251	252	255	255	257	241	251	253	257	2	-54	-91	-242	-361	0	0	0	1	-1	-2	-3
DSP NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	2	4	206	439	390	-22	126	-183	37	128	76	72	57	62	68	63	56	31	18	14	14	9	9	17	15	11	10
Natural Gas QLD	1	2	26	28	45	-1	21	-30	44	89	46	42	35	45	69	89	81	63	62	57	48	47	47	98	108	66	70
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	3	1	2	3	1	2	1	4	-1	4	8	9	13	9	6	6	4	5	4	4	7	7	7	7
New gas QLD	0	1	-215	-209	783	1655	1457	1971	896	-30	-24	-32	-27	-12	-8	22	28	92	118	158	237	257	375	822	1106	1007	984
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	19	40	64	85
New Biomass QLD	0	0	0	0	-753	-1480	-1486	-1536	-809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	38	36	36	36	37	36	36	36	37	36	36	36	37	36	36	38	38	36	36	36	37	34	34	33	34
New Wind QLD	0	0	0	0	-268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-25	-249	-298	-185	-169	-191	-187	-189	-202	-207	0	-18	19	44	26	43	17	44	1	0	1	0	0	3	0
Natural Gas SA	7	9	-17	-334	-389	-441	-357	-370	-335	-354	-383	-418	-421	-491	-187	-201	-132	-141	-163	-137	-277	-307	-273	-529	-572	-509	-596
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-114	11	42	166	186	173	174	177	163	116	103	23	62	64	71	62	61	15	-7	21	23	-5	-4	-27	-40
New gas SA	0	0	0	-1	-83	-240	-364	-410	-457	-449	-390	-407	-557	-625	-345	-245	-263	-247	-237	-195	-224	-264	-264	-333	-368	-312	-401
New Wind SA	0	0	607	640	407	-94	-95	-96	-97	-96	-96	-96	-89	-88	-76	-60	-51	-56	-57	-125	13	1	10	-43	-44	78	171
New Biomass SA	0	0	0	0	705	1448	1424	1332	743	206	188	162	56	84	69	71	119	71	25	132	-93	-41	-102	-32	-20	-85	-57
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	422	693	1853	1037	895	803	790	778	685	1066	1145	1136	1804	1920	1681	1842
New Solar SA	0	0	0	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-240	-240	-658	-1210	-1210	-1213
DSP SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	5	5	8	23	80	-21	3	-9	-2	1	0	-2	-2	-1	-2	-3	-4	-2	-1	-1	-1	-2	0	0	0	0	0
Natural Gas VIC	5	5	1	2	19	-6	2	-21	-7	13	9	-7	-7	-5	-9	-1	-24	-10	-2	-9	-4	-10	-7	-20	-21	-14	-20
Hydro VIC	1	1	-58	-66	77	-47	-32	-56	-13	13	30	18	11	14	5	0	13	10	9	2	0	-6	-26	-58	-100	-74	-94
Wind VIC	0	0	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
New gas VIC	-56	-59	-456	-853	-652	-220	-428	-111	325	739	647	440	210	525	-54	6	32	55	157	40	155	102	523	663	391	52	-15
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	-1214	-349	-420	-421	-420	-421	-404	-381	-353	-244	-183	-203	-312	-295
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	26	96	193	244	106	104
New Wind VIC	0	0	322	1186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	137	-120	-155	-694	-1157	-803	-201	-201
DSP VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	4	2	-4	22	23	5	12	4	7	13	18	11	12	7	13	14	4	17	21	13	8	8	11	-1	2	7	9
Hydro TAS	4	4	-21	34	75	43	55	45	57	70	54	57	55	53	48	65	55	57	61	51	65	58	69	51	21	29	19
Wind TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	-6	-155	-156	-307	-156	-155	-155	-157	-157	-155	-155	-155	-156	-157	-155	-155	-156	-155	-157	-156	-155	-155	-154	-154	-157

Option 2b - Split132+series comp+SETx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	24	23	669	1083	639	-28	154	-136	19	103	-9	-43	-73	-77	21	47	27	38	55	33	24	12	-2	-36	-22	13	6
Natural Gas NSW	0	0	15	1	-1	-4	-3	0	17	24	-1	-8	-15	-20	15	29	19	26	33	24	13	12	-4	-35	-20	24	17
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	2	1	36	62	-65	-4	-16	37	3	2	-34	-29	-9	-34	-26	1	-16	-13	-2	1	2	0	-3	-5	50	54	62
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	-517	-597	-543	-468	-476	-524	-173	-152	-21	-165	-450	-349	-354	-358	-284	-373	-541	-572	-645	-826	-621	-472	-467
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	216	216	161	216	72	0	0
New Solar NSW	0	0	0	218	209	218	210	209	209	218	218	209	192	209	210	253	366	370	385	384	161	161	162	149	149	147	148
New Wind NSW	0	0	-1036	-1611	0	411	251	252	255	255	257	241	251	253	257	2	-54	-91	-242	-361	0	0	0	1	-1	-2	-3
DSP NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	2	4	205	444	397	-14	131	-173	45	137	84	75	67	67	69	66	57	31	17	14	14	9	9	17	15	11	10
Natural Gas QLD	2	2	26	28	46	0	22	-27	50	95	49	48	34	46	70	90	82	63	64	57	50	47	46	98	108	67	71
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	1	3	1	2	4	2	2	4	4	1	-1	5	10	10	8	6	6	4	5	3	5	7	7	7	7
New gas QLD	0	1	-214	-209	783	1655	1457	1971	896	-30	-24	-30	-26	-11	-8	23	28	93	118	155	235	258	375	822	1107	1008	984
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	19	40	64	85
New Biomass QLD	0	0	0	0	-753	-1480	-1486	-1536	-809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	38	36	36	36	37	36	36	36	37	36	36	36	37	36	36	38	38	36	36	36	37	34	34	33	34
New Wind QLD	0	0	0	0	-268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-25	-314	-360	-221	-213	-234	-228	-230	-243	-240	0	-18	19	44	26	43	17	44	1	0	1	0	0	3	0
Natural Gas SA	7	9	-17	-394	-500	-584	-513	-502	-464	-476	-500	-519	-522	-557	-249	-254	-192	-201	-217	-191	-327	-359	-315	-577	-623	-561	-649
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-113	12	43	170	192	179	179	182	167	118	106	17	55	53	62	51	53	8	-26	1	5	-28	-27	-53	-70
New gas SA	0	0	0	-1	-108	-281	-416	-465	-521	-521	-463	-466	-639	-678	-395	-286	-298	-289	-287	-243	-262	-300	-298	-354	-388	-334	-420
New Wind SA	0	0	607	640	407	-95	-95	-96	-97	-97	-96	-96	-88	-85	-73	-57	-47	-53	-55	-120	19	9	17	-36	-36	91	183
New Biomass SA	0	0	0	0	705	1445	1420	1328	738	202	184	161	51	85	70	73	121	73	25	130	-90	-35	-95	-27	-11	-73	-43
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	422	694	1855	1039	901	807	796	784	688	1073	1152	1140	1815	1927	1683	1848
New Solar SA	0	0	0	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-240	-240	-658	-1210	-1210	-1213
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	6	4	8	34	96	-1	17	-7	0	2	1	-1	0	0	-1	-2	-3	-1	0	-1	-1	-2	0	0	0	0	0
Natural Gas VIC	5	5	1	2	27	0	10	-7	8	26	22	1	10	4	-1	7	-18	-2	7	-4	1	-6	-1	-17	-19	-13	-18
Hydro VIC	1	1	-58	-50	102	-13	2	-40	4	24	39	30	23	24	13	12	25	19	18	9	8	1	-17	-53	-96	-68	-90
Wind VIC	0	0	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
New gas VIC	-57	-59	-456	-809	-590	-133	-311	21	457	894	804	569	317	590	10	51	85	113	219	101	204	155	565	710	439	103	38
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	-1214	-349	-420	-421	-420	-421	-404	-381	-353	-244	-183	-203	-312	-295
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	26	96	193	244	107	104
New Wind VIC	0	0	322	1186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	141	-117	-153	-694	-1156	-803	-201	-201
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	4	2	-4	25	25	7	15	7	11	15	22	13	15	9	14	16	6	19	23	16	11	11	12	0	3	8	10
Hydro TAS	4	4	-21	37	82	51	64	53	65	77	59	64	61	59	53	69	59	61	66	55	69	64	73	55	24	33	23
Wind TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	-6	-155	-156	-307	-156	-155	-155	-157	-157	-155	-155	-155	-156	-157	-155	-155	-156	-155	-157	-156	-155	-155	-154	-154	-157

Option 3 - Krongart 500kV - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	34	32	676	808	256	-389	-194	-368	-207	-48	-132	-185	2	0	76	90	67	77	95	81	43	30	24	-9	-4	24	13
Natural Gas NSW	1	1	15	1	0	-3	-2	-1	-9	-2	-30	-35	0	-5	30	45	38	44	50	56	32	32	11	-14	-8	30	19
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	2	1	38	126	6	113	85	92	39	26	-8	9	-22	-49	-58	-42	-56	-47	-51	18	13	-8	-17	4	33	65	78
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	-515	-593	-543	-474	-480	-528	-182	-168	-14	-147	-394	-305	-307	-457	-394	-519	-739	-814	-906	-1219	-1026	-917	-932
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	216	216	161	216	72	0	0
New Solar NSW	0	0	0	218	209	218	210	209	209	218	218	209	192	209	210	253	366	370	385	384	161	161	162	149	149	147	148
New Wind NSW	-6	-6	-1042	-1617	-5	407	248	249	252	252	254	238	247	250	254	-1	-58	-94	-245	-363	-24	-27	-25	-34	-31	-37	-39
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	4	6	208	425	368	-41	116	-220	4	90	42	33	80	78	83	73	63	33	19	14	16	10	9	17	16	11	11
Natural Gas QLD	3	2	26	30	48	-2	18	-41	31	75	30	24	48	57	72	94	88	66	65	51	44	41	37	91	107	65	70
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	1	3	1	1	3	0	1	2	1	-6	1	6	2	12	9	6	7	5	3	3	3	6	7	7	8
New gas QLD	0	2	-214	-209	783	1657	1460	1971	896	-31	-22	-31	-28	-8	-4	23	32	77	105	-102	60	155	348	804	1232	1151	1139
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	18	39	64	82
New Biomass QLD	0	0	0	0	-753	-1480	-1486	-1536	-809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	38	36	36	36	37	36	36	36	37	36	36	36	37	36	36	38	38	36	36	36	37	34	34	33	34
New Wind QLD	-2	-2	-2	-2	-269	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	2	2	-23	-20	-30	-13	13	15	16	23	8	5	-16	-29	9	29	7	24	-2	13	0	0	0	0	0	2	0
Natural Gas SA	10	12	-16	-31	-13	87	164	180	200	159	128	132	-947	-1030	-748	-632	-622	-656	-661	-600	-680	-722	-638	-843	-948	-895	-979
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-112	-112	-76	16	20	17	21	24	22	243	283	288	337	359	286	394	382	467	494	507	479	531	499	507	552
New gas SA	0	0	0	0	0	-88	-173	-194	-210	-151	-91	-103	-867	-903	-608	-482	-462	-486	-558	-511	-477	-510	-505	-494	-538	-497	-564
New Wind SA	-7	-7	602	635	402	-98	-100	-100	-101	-100	-99	-103	-99	-101	-90	-91	-71	-102	-98	-201	-201	-237	-216	-408	-387	-277	-204
New Biomass SA	0	0	0	0	672	1371	1340	1196	604	53	41	355	290	382	370	390	382	512	463	644	452	494	399	528	469	403	452
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	422	747	1952	1141	1117	971	1045	1029	1031	1547	1587	1524	2402	2435	2194	2369
New Solar SA	0	0	0	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-240	-240	-658	-1210	-1210	-1213
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	12	11	10	-36	16	-93	-38	-17	-9	-6	-6	-8	4	4	2	0	-1	2	3	2	2	1	2	0	0	0	0
Natural Gas VIC	5	5	1	-2	-2	-26	-19	-59	-54	-36	-43	-54	61	48	46	49	17	37	53	35	40	29	30	13	15	16	11
Hydro VIC	2	2	-57	-121	-6	-157	-132	-128	-84	-45	-19	-42	45	63	64	69	82	68	77	16	15	16	19	-43	-77	-77	-109
Wind VIC	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-5	-7	-6	-3	-8	-14	-30	-31
New gas VIC	-56	-58	-455	-915	-779	-401	-685	-432	4	353	214	-610	325	437	-156	-333	-101	-170	6	-7	12	13	446	404	314	-1	-101
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	-1214	-349	-420	-421	-423	-423	-587	-600	-570	-482	-386	-351	-398	-413
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-108	-176	-210	-169	-84	-176	-276	-270
New Wind VIC	-7	-7	317	1182	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-6	-8	-5	-5	353	143	167	-354	-836	-479	78	71
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	4	3	-3	6	13	-7	3	-8	-6	2	4	-2	25	14	22	21	12	21	27	12	9	11	13	-3	-5	3	-2

Hydro TAS	5	5	-20	19	47	18	33	21	35	47	36	36	76	80	70	77	74	51	54	2	-10	-11	11	-20	-17	-10	-19
Wind TAS	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	-4	-4	-6	-157	-158	-308	-158	-156	-157	-158	-158	-156	-157	-156	-157	-158	-156	-157	-157	-158	-162	-161	-159	-160	-164	-170	-175

Option 4 - Split 132+cap-HEYTx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	34	32	677	1008	538	-108	75	-183	-25	77	-30	-66	-96	-90	15	45	24	31	50	37	23	14	7	-29	-5	25	20
Natural Gas NSW	1	1	15	2	1	-1	0	-1	10	18	-6	-13	-18	-22	14	28	19	25	31	26	15	15	4	-29	-3	36	31
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	2	0	38	74	-55	32	-1	44	5	2	-30	-19	-10	-27	-22	1	-17	-16	-2	-3	-1	-5	1	-8	32	41	41
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	-515	-592	-542	-470	-475	-520	-173	-149	-20	-163	-454	-341	-344	-341	-266	-293	-429	-443	-512	-692	-490	-332	-318
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	216	216	161	216	72	0	0
New Solar NSW	0	0	0	218	209	218	210	209	209	218	218	209	192	209	210	253	366	370	385	384	161	161	162	149	149	147	148
New Wind NSW	-6	-6	-1042	-1617	-5	407	248	249	252	252	254	238	247	250	254	-1	-58	-94	-245	-363	-1	-1	0	1	0	-2	-2
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	3	5	209	442	391	-19	125	-182	39	130	78	69	57	63	71	64	57	31	18	13	14	8	9	16	15	11	10
Natural Gas QLD	2	3	26	30	50	1	22	-31	44	90	44	42	35	47	68	89	81	63	63	55	49	45	46	96	108	66	71
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	1	3	1	2	3	1	2	3	1	0	8	9	6	12	9	6	6	5	5	4	4	7	7	7	6
New gas QLD	0	2	-214	-209	783	1657	1461	1972	896	-29	-23	-28	-24	-11	-8	25	30	95	120	106	186	194	309	764	1078	982	957
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	20	41	63	84
New Biomass QLD	0	0	0	0	-753	-1480	-1486	-1536	-809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	38	36	36	36	37	36	36	36	37	36	36	36	37	36	36	38	38	36	36	36	37	34	34	33	34
New Wind QLD	-2	-2	-2	-2	-269	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	2	2	-23	-238	-291	-183	-168	-189	-186	-189	-202	-206	0	-19	18	44	26	43	17	44	1	0	1	0	0	3	0
Natural Gas SA	10	12	-15	-288	-366	-435	-348	-358	-332	-353	-382	-418	-423	-495	-192	-210	-139	-145	-167	-141	-279	-311	-277	-531	-573	-511	-596
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-112	-113	-74	22	23	24	29	33	31	-9	-24	-135	-105	-90	-70	-88	-73	-88	-135	-127	-121	-156	-155	-188	-217
New gas SA	0	0	0	-1	-82	-239	-363	-410	-453	-449	-388	-406	-557	-624	-344	-245	-263	-246	-236	-193	-221	-263	-262	-332	-367	-311	-400
New Wind SA	-7	-7	602	635	402	-98	-100	-100	-101	-100	-99	-98	-98	-95	-82	-58	-46	-53	-55	-122	25	16	35	-8	-3	122	209
New Biomass SA	0	0	0	0	673	1384	1354	1242	649	105	91	63	-41	-50	-68	-73	-24	-62	-107	30	-201	-151	-228	-141	-140	-198	-174
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	421	653	1780	959	764	675	652	655	601	935	1004	984	1612	1715	1466	1633
New Solar SA	0	0	0	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-240	-240	-658	-1210	-1210	-1213
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	12	11	10	10	74	-22	2	-9	-2	1	0	-2	-1	-1	-2	-2	-4	-2	-1	-1	-1	-2	0	0	0	0	0
Natural Gas VIC	5	5	1	1	16	-6	1	-23	-8	14	10	-7	-5	-2	-7	5	-20	-7	0	-4	-1	-5	4	-15	-16	-9	-13
Hydro VIC	2	2	-57	-67	76	-47	-30	-57	-13	12	30	18	12	17	7	12	24	17	14	15	9	11	-11	-51	-72	-36	-46
Wind VIC	0	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
New gas VIC	-56	-58	-455	-740	-511	-26	-212	133	568	988	878	670	483	890	325	407	413	441	512	184	330	283	685	861	560	217	154
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	-1214	-349	-420	-421	-420	-421	-420	-407	-382	-284	-216	-251	-339	-332
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-3	1	2	70	161	173	19	20
New Wind VIC	-7	-7	317	1182	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	231	2	3	-522	-991	-604	3	3
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	5	3	-3	21	22	5	12	4	7	13	19	11	13	8	13	16	5	18	23	17	11	11	13	2	9	12	16
Hydro TAS	5	5	-20	33	75	45	57	45	57	71	54	58	56	55	51	68	58	59	64	54	68	64	76	58	37	48	39
Wind TAS	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	-4	-4	-6	-157	-158	-308	-158	-156	-157	-158	-158	-156	-157	-156	-157	-158	-156	-157	-157	-157	-158	-157	-157	-156	-156	-156	-158

Option 5 - DSM - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	18	17	381	503	179	-30	157	-136	19	101	-10	-44	-73	-76	20	47	27	39	55	32	23	13	-1	-36	-22	13	6
Natural Gas NSW	1	0	5	0	0	-4	-3	0	17	24	-2	-9	-14	-20	14	29	19	27	34	24	13	11	-3	-35	-18	24	15
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	2	2	31	79	-9	9	-11	33	-1	1	-33	-31	-11	-32	-22	5	-16	-14	-7	1	2	0	-3	-10	50	51	60
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	-549	-597	-544	-468	-476	-521	-173	-150	-26	-165	-451	-349	-354	-359	-284	-374	-539	-572	-647	-829	-624	-473	-466
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	216	216	161	216	72	0	0
New Solar NSW	0	0	0	218	209	218	210	209	209	218	218	209	192	209	210	253	366	370	385	384	161	161	162	149	149	147	148
New Wind NSW	0	0	-542	-1120	147	411	251	252	255	255	257	241	251	253	257	2	-54	-91	-242	-361	0	0	0	1	-1	-2	-3
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	2	3	239	451	229	-11	128	-174	46	135	85	73	63	69	69	65	56	32	18	14	14	9	9	16	15	11	10
Natural Gas QLD	2	2	21	26	28	-1	23	-25	50	96	50	49	37	46	70	89	83	63	63	57	49	47	47	98	108	67	70
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	1	3	0	2	3	2	3	4	2	4	5	4	12	11	8	6	6	5	5	3	4	7	7	7	7
New gas QLD	0	1	-328	-317	295	1655	1457	1971	896	-30	-24	-28	-25	-14	-6	24	28	93	117	157	235	257	375	822	1107	1007	985
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	19	40	64	85
New Biomass QLD	0	0	0	0	-356	-1480	-1486	-1536	-809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

New Solar QLD	0	0	38	36	36	36	37	36	36	36	37	36	36	36	37	36	36	38	38	36	36	36	37	34	34	33	34
New Wind QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-2	-9	-12	-221	-213	-234	-228	-230	-243	-240	0	-18	19	44	26	43	17	44	1	0	1	0	0	3	0
Natural Gas SA	6	7	1	-14	61	-584	-513	-502	-464	-476	-500	-519	-522	-557	-249	-254	-192	-201	-217	-191	-327	-359	-315	-577	-623	-561	-650
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-21	-2	0	169	191	178	179	181	167	118	105	17	55	53	62	51	53	7	-26	0	4	-28	-27	-53	-71
New gas SA	-1	-1	0	-1	-67	-281	-416	-465	-521	-521	-463	-466	-639	-678	-395	-286	-298	-289	-287	-243	-262	-300	-298	-354	-388	-334	-420
New Wind SA	0	0	8	17	1	-95	-95	-96	-97	-97	-96	-96	-88	-85	-73	-57	-47	-53	-55	-120	19	9	17	-36	-36	91	182
New Biomass SA	0	0	0	0	327	1446	1420	1329	739	202	184	161	51	85	70	74	121	73	25	130	-90	-35	-95	-27	-11	-73	-43
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	422	694	1855	1039	901	807	796	784	688	1073	1152	1140	1814	1927	1683	1849
New Solar SA	0	0	0	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-240	-240	-658	-1210	-1210	-1213
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	5	4	-4	-48	12	-1	17	-7	0	2	1	-1	0	0	-1	-2	-3	-1	0	-1	-1	-2	0	0	0	0	0
Natural Gas VIC	4	4	1	-5	-1	1	10	-7	9	26	22	1	10	4	0	7	-17	-2	7	-4	1	-6	-1	-17	-18	-12	-18
Hydro VIC	0	0	-37	-103	2	-11	3	-39	4	24	39	31	20	23	13	11	23	19	19	11	9	1	-19	-54	-94	-68	-90
Wind VIC	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
New gas VIC	-45	-46	-290	-724	-210	-132	-313	21	457	892	805	568	319	591	11	53	85	112	217	100	200	157	564	712	439	103	40
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	-1214	-349	-420	-421	-420	-421	-404	-381	-353	-245	-183	-203	-312	-295
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	-405	-116	-140	-140	-140	-140	-134	-116	-100	-18	67	95	-33	-29
New Wind VIC	0	0	344	906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	94	-73	-93	-430	-706	-454	-98	-99
DSP_VIC	0	0	172	453	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	-39	-51	-231	-385	-268	-67	-67

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	673	673	670	675	680	677	683	678	681	685	689	684	685	681	685	687	680	689	693	688	685	685	687	679	682	685	686
Hydro TAS	3	3	-9	15	35	36	47	38	47	57	47	47	46	42	40	51	41	47	52	42	50	46	53	37	18	25	18
Wind TAS	1	1	-5	7	15	17	21	18	22	26	20	21	20	20	18	23	20	20	22	18	23	21	25	18	8	11	7
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	-3	-92	-93	-204	-104	-103	-104	-105	-104	-103	-103	-103	-104	-105	-103	-104	-104	-104	-105	-104	-104	-103	-103	-103	-105

Option 6a - Control Scheme - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	8	9	0	8	8	5	9	0	1	-2	1	-2	-1	-1	-1	-2	-2	-2	-1	-4	-2	-3	-7	-5	-9	-6	-7
Natural Gas NSW	1	0	-4	0	-1	-1	-1	0	0	0	-1	-1	0	-1	-1	-1	-2	0	-1	-3	-3	-4	-5	-6	-9	-7	-7
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	-1	-3	-5	-12	16	-13	-6	7	-3	0	0	1	3	0	1	2	4	0	-4	4	1	6	-2	6	5	8	6
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	-1	-2	-2	1	-1	0	-1	3	-2	-1	0	-10	-9	-13	-16	-46	-62	-75	-67	-61	-68	-70	-66
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-6	-6	-5	-5	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-3	-2	-1	-1	-1	-2	-2	-1	-2
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	1	1	-2	1	3	1	1	0	0	1	1	3	0	-2	1	-1	0	1	1	1	1	0	0	0	0	0	0
Natural Gas QLD	1	0	0	-1	-2	-2	-1	1	2	1	0	-2	1	0	0	1	2	0	-1	1	0	1	1	0	0	1	0
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	0	0	0	0	0	0	-4	-5	1	3	0	1	0	0	-1	-1	0	0	0	0	0	0	0
New gas QLD	0	1	0	0	0	-1	-2	0	0	0	1	0	0	4	1	0	-1	0	0	26	25	35	22	18	10	12	11
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	2	2	1	1	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas SA	3	3	1	1	1	1	0	2	3	2	3	2	4	4	5	7	6	5	5	5	5	5	6	5	3	4	3
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	32	45	49	81	89	85	86	85	78	68	67	66	70	64	57	60	58	43	49	50	50	56	53	52	60
New gas SA	0	0	0	0	0	0	1	0	1	1	1	2	1	1	1	1	1	1	1	0	1	0	0	0	1	0	0
New Wind SA	-7	-7	-6	-5	-5	-3	-2	-3	-4	-4	-4	-5	1	1	-2	-5	-9	-8	-8	-7	-15	-14	-25	-31	-31	-36	-32
New Biomass SA	0	0	0	0	0	0	0	13	38	75	69	72	68	81	75	76	77	77	79	51	59	64	82	65	71	72	67
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	0	13	17	34	60	60	63	64	42	65	73	75	94	90	98	92
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	6	6	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Natural Gas VIC	0	0	0	0	0	0	0	0	0	0	-1	0	0	-1	-1	-3	-3	-1	-2	-3	-2	-3	-6	-3	-2	-3	-3
Hydro VIC	1	1	0	1	2	1	4	1	0	-1	-2	-1	-1	-1	-2	-8	-8	-4	-5	-5	-6	-12	-8	-8	-16	-20	-24
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
New gas VIC	0	0	-7	-37	-39	-69	-84	-90	-117	-148	-138	-128	-143	-156	-170	-173	-164	-171	-166	-58	-68	-62	-63	-70	-52	-53	-52
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	16	15	26	19	14	11	17
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	12	21	26	42	41	38
New Wind VIC	-7	-7	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-49	-66	-82	-91	-87	-93	-95	-95
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940

Natural Gas TAS	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-2	-3	-2	-3
Hydro TAS	1	1	-1	0	-1	0	0	0	0	0	0	0	0	0	0	-2	-1	-1	-2	-2	-2	-3	-5	-7	-8	-9	-9
Wind TAS	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	-4	-4	-3	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1

Option 6b - Control Scheme+Split132+series comp - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	24	24	650	1040	598	-49	127	-150	6	97	-15	-47	-75	-77	20	46	27	38	55	31	22	12	-4	-37	-25	10	4
Natural Gas NSW	1	0	12	1	-1	-4	-4	-1	16	23	-3	-9	-14	-19	15	30	20	26	33	23	11	11	-7	-36	-23	23	14
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	2	2	38	56	-63	7	-6	36	7	6	-31	-30	-12	-36	-25	2	-11	-17	-2	1	6	0	1	-5	46	50	63
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	-518	-598	-543	-469	-477	-522	-172	-151	-22	-168	-452	-350	-358	-364	-289	-383	-551	-583	-663	-844	-639	-494	-489
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-54	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208	216	216	161	216	72	0	0
New Solar NSW	0	0	0	218	209	218	210	209	209	218	218	209	192	209	210	253	366	370	385	384	161	161	162	149	149	147	148
New Wind NSW	0	0	-1036	-1611	0	411	251	252	255	255	257	241	251	253	257	2	-54	-91	-242	-361	0	0	0	1	-1	-2	-3
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	3	3	201	437	394	-15	129	-176	44	135	83	78	64	64	71	66	58	32	18	14	14	9	9	17	15	11	10
Natural Gas QLD	1	2	26	28	43	-2	23	-27	48	95	47	44	35	48	68	89	82	64	64	58	50	47	47	98	109	66	70
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	1	2	1	2	3	1	2	4	1	-4	4	10	7	10	7	6	6	5	5	3	5	7	7	7	7
New gas QLD	0	1	-214	-209	783	1654	1457	1971	896	-29	-23	-31	-25	-11	-7	23	28	93	118	160	239	264	386	833	1116	1017	993
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	19	40	64	85
New Biomass QLD	0	0	0	0	-753	-1480	-1486	-1536	-809	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	38	36	36	36	37	36	36	36	37	36	36	36	37	36	36	38	38	36	36	36	37	34	34	33	34
New Wind QLD	0	0	0	0	-268	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-25	-286	-339	-216	-206	-231	-224	-228	-240	-239	0	-19	18	44	26	43	17	44	1	0	1	0	0	3	0
Natural Gas SA	7	9	-17	-325	-438	-545	-462	-472	-446	-471	-491	-516	-520	-556	-249	-253	-191	-199	-216	-187	-319	-354	-314	-576	-621	-560	-648
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	-66	22	53	186	209	195	195	197	182	133	129	17	53	75	91	78	73	13	-18	10	15	-19	-16	-39	-55
New gas SA	0	0	0	-1	-98	-276	-408	-456	-494	-509	-441	-458	-632	-677	-394	-283	-298	-286	-284	-240	-254	-296	-297	-354	-388	-334	-420
New Wind SA	0	0	607	640	407	-95	-96	-96	-97	-97	-96	-96	-87	-85	-73	-55	-44	-51	-53	-118	22	12	20	-33	-35	91	180
New Biomass SA	0	0	0	0	709	1451	1427	1338	748	212	194	171	57	93	80	78	128	78	26	126	-94	-40	-97	-33	-12	-72	-43
New Geothermal SA	0	0	0	0	0	0	0	0	0	0	0	422	679	1867	1057	894	795	789	771	683	1068	1149	1144	1818	1936	1694	1860
New Solar SA	0	0	0	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-250	-240	-240	-658	-1210	-1210	-1213
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	6	4	6	13	79	-12	9	-8	-1	2	1	-1	0	0	-1	-2	-3	-1	0	-1	-1	-2	0	0	0	0	0
Natural Gas VIC	5	5	1	1	18	-2	5	-14	0	24	17	-1	8	3	-1	6	-18	-3	6	-5	-1	-7	-4	-18	-19	-14	-20
Hydro VIC	1	1	-59	-56	97	-19	-3	-42	2	23	37	30	20	24	12	10	21	18	16	8	5	-2	-21	-55	-99	-73	-96
Wind VIC	0	0	-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
New gas VIC	-57	-59	-468	-837	-618	-161	-352	-15	419	861	767	539	301	571	-13	31	62	90	210	110	210	162	582	723	449	111	48
New gas with CCS VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	-1214	-349	-420	-421	-420	-421	-403	-378	-349	-238	-178	-193	-305	-287
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	17	28	99	195	252	121	118
New Wind VIC	0	0	323	1186	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	133	-130	-171	-719	-1178	-835	-235	-236
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	4	2	-5	21	23	6	13	6	9	15	21	13	15	8	14	16	6	18	23	15	10	11	12	0	3	8	9
Hydro TAS	4	4	-25	35	78	49	61	51	62	76	58	63	61	59	53	69	59	61	66	55	68	63	72	56	23	31	21
Wind TAS	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	-8	-155	-156	-307	-156	-155	-155	-157	-157	-155	-155	-155	-156	-157	-155	-155	-156	-155	-157	-156	-155	-155	-154	-154	-157

High scenario generation expansion results

Base - Generation (GWh)

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	65499	66821	64873	70559	71455	72094	74566	76713	80312	81687	83223	83847	84819	84811	85668	85877	86765	86039	86724	87207	86764	86949	87775	87360	87474	88140	88967
Natural Gas NSW	4351	4430	4360	4270	4410	4289	4316	4311	1704	1853	1814	1905	2117	2309	2368	2393	2436	1289	1203	1144	1193	1123	1150	1101	1150	1248	1437
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	776	1034	1644	1362	1372	1129	1387	1638	1821	1928	1885	1892	1855	1881	1836	1848	1795	1880	1905	1945	1947	2073	2037	2083	2150	2285	2470
Wind NSW	653	659	667	665	661	647	665	661	665	664	665	646	659	663	669	661	647	664	661	666	664	661	647	662	663	665	668
New gas NSW	0	3	4	48	39	59	70	146	113	184	582	1218	2187	3489	4414	4716	5625	9190	9061	10929	12921	15899	14987	16926	19196	20897	22166
New Biomass NSW	0	0	0	0	807	1613	2369	2361	2362	2306	2368	2361	2361	2415	2369	2415	2360	2360	2422	2308	2360	2359	2368	2308	2361	2415	2422
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	155	309	3083	3074	4330	5655	6287	6240	6257	6247	6266	6150	6239	6255	6298	6240	6153	6278	8200	8225	8612	8606	11542	11713	11720	11719	11770
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	58852	60841	60994	63282	63864	64221	64209	63988	64303	64435	65281	65023	65240	64925	64323	64067	64144	64125	64702	64374	64236	65209	65033	63763	63927	64037	64057
Natural Gas QLD	7339	8692	8431	6004	5904	6393	3469	3511	2117	1676	1282	889	1330	1218	1211	957	677	734	842	1075	956	877	563	667	702	642	597
Liquid Fuel QLD	0	1	1	1	2	8	31	13	30	63	116	189	29	56	92	146	210	0	1	2	1	1	0	1	1	1	1
Hydro QLD	645	704	707	1100	1374	1445	1621	1679	1695	1662	1628	1500	1615	1677	1715	1732	1752	1707	1691	1713	1731	1703	1716	1707	1738	1710	1748
New gas QLD	2	323	234	552	1808	3450	9620	13228	17999	22436	25532	30676	34326	38959	43444	48034	50947	54121	55325	58632	61388	63238	64629	68673	70074	72312	74540
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	803	1555	3109	4742	4635	4691	4594	4634	4635	4634	4593	4689	4529	4580	4756	4636	5286	6047	7202	7676	8549	9142	9986	10663	11771	12616	13340
New Solar QLD	0	0	794	1521	1521	1521	1525	1521	1521	1521	1525	1521	1521	1521	1525	1521	2281	3041	3970	4562	5543	6082	6863	7603	8710	9502	10323
New Wind QLD	2	2	403	403	567	1165	1176	1173	1164	1164	1171	1164	1174	1173	1167	1169	1558	1574	1577	1566	1561	1568	3154	3190	3175	3164	3183
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	4159	4206	3701	3877	3309	3186	3065	3146	3209	3223	3317	3366	3378	3394	3409	3436	3479	45	45	45	45	45	45	44	45	44	1
Natural Gas SA	3646	4120	3776	5261	3872	3817	3714	2793	3063	3194	2380	2506	2669	2824	2559	1466	1585	2220	1805	1769	1720	1482	1559	1517	1542	1681	1507
Liquid Fuel SA	450	461	461	464	467	462	463	459	463	469	470	463	459	458	466	469	463	461	464	462	471	469	466	460	460	465	476
Wind SA	4046	4101	4101	4136	3911	3926	3944	3919	3998	4023	4044	4034	4029	4040	4082	4054	4019	4055	4056	4066	4093	4064	4039	4043	4019	4029	3788
New gas SA	12	11	14	198	295	334	295	1645	1972	2191	3884	4134	4409	4608	5246	6871	7205	10082	11132	11870	12552	13490	14017	13808	14249	14698	13542
New Wind SA	7	7	4146	4599	7141	7009	7004	6958	6994	7009	6995	6957	6935	6965	7061	7028	6988	7064	7089	7093	7121	7389	7377	7267	7534	7741	9094
New Biomass SA	0	0	0	0	0	0	0	647	800	913	1247	1171	1174	1179	1926	2286	2293	2294	2301	2244	2301	2305	2312	2302	2302	2244	2297
New Geothermal SA	0	0	0	0	0	1533	2265	2207	2229	2239	2279	2277	2290	2294	2301	2295	2297	2302	2311	2305	2306	2301	2312	3533	3514	3516	4580
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	51409	50592	48098	43527	41376	39439	39264	39319	39684	39480	39702	38604	38409	38432	38533	38422	35715	36024	35621	35523	35504	17979	13995	9947	10203	10197	10180
Natural Gas VIC	154	214	124	285	418	404	477	539	497	499	180	312	358	417	503	136	176	245	262	382	444	552	793	814	926	1291	1918
Hydro VIC	3403	3304	2536	3258	3410	3649	3672	3719	3623	3580	3579	3700	3808	3891	3952	3851	3960	3967	3970	4059	4091	4015	4127	4054	4053	4010	3970
Wind VIC	996	1019	1027	1031	1027	1016	1021	1016	1026	1032	1033	1014	1015	1020	1033	1030	1016	1015	1021	1025	1032	1027	1016	1016	1019	1025	1033
New gas VIC	31	1561	991	2330	4051	6164	6695	8204	10488	13261	16057	19519	21186	22961	23738	27402	31611	32852	33817	34286	34369	45434	49517	54875	54736	54869	53183
New Geothermal VIC	0	0	0	527	527	527	528	527	527	527	528	527	1061	1594	2135	2662	3196	3730	4276	4797	5979	8082	8726	9152	9681	10214	10916
New Wind VIC	1367	1395	5134	5149	5146	5094	5126	5091	5132	5167	5171	5102	5083	5102	5167	5155	5094	5096	5118	5125	5167	9939	9852	9836	9871	9922	11348
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	584	593	206	242	264	314	367	366	381	408	353	378	472	549	608	421	532	614	553	531	580	660	624	674	520	588	661
Hydro TAS	8399	8593	8334	8502	8699	8750	8816	9046	9127	9217	9307	9481	9564	9648	9728	9809	9885	9968	9882	9887	9930	10042	9970	10232	9828	9907	9992
Wind TAS	516	524	523	521	525	522	525	521	523	528	528	522	522	521	525	527	522	522	525	524	528	524	524	521	521	521	530
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	153	199
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	805	1609	1729	1730	2364	2411	2391	2392	2346
New Wind TAS	4	4	2785	4187	4211	4185	4241	4210	4216	4264	4250	4203	4213	4206	4229	4258	4210	4219	4232	4221	4548	4990	4974	4965	6327	6329	6433

Option 1a - Split 132+cap+HYTx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	-103	5	410	539	185	55	33	38	-117	-85	-146	-112	-63	-48	7	23	21	38	-40	-35	-38	-30	-54	-49	-28	-27	-25
Natural Gas NSW	-1	0	13	4	1	2	1	0	10	12	-6	-11	0	-17	-13	21	-5	-55	-10	-27	-30	-23	-32	-25	-26	-54	-108
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	14	-1	71	-5	8	24	45	34	34	27	27	-6	-2	-14	-6	-18	24	-14	-38	-53	-23	-35	-75	-66	-17	-56	-100
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	1	6	2	5	10	10	7	16	60	87	104	49	29	75	-83	-66	-264	-560	-678	-574	-480	-398	-398	-451	-290
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-1	2	0	-55	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-8	-1012	-451	-6	-120	-517	-515	-515	-514	-515	-502	-515	-516	-518	-513	-504	-517	-81	-81	-80	-80	-24	-24	-24	-24	-24
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	1	1	45	27	38	3	9	6	3	1	1	0	0	0	0	0	0	0	0	0	0	2	4	3	5	8	25
Natural Gas QLD	-3	0	43	56	62	51	26	28	38	38	-19	-19	-43	-62	-47	-21	-11	-17	-6	-8	2	1	0	-1	0	4	1
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	-1	0	2	8	5	4	4	2	1	-8	-7	-18	-29	0	0	0	0	0	29	0	0	3	-30	0	0	0	0
New gas QLD	0	2	6	18	102	49	145	109	179	175	174	155	130	134	130	137	121	85	68	75	144	184	164	116	172	181	125
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-1	-1	-164	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940

Brown Coal SA	1	1	-40	-82	0	199	257	246	251	283	279	294	292	308	310	311	327	0	0	0	0	0	0	0	-19	0	1
Natural Gas SA	-18	3	-14	-740	-604	-364	-297	36	-34	-30	717	714	700	633	730	619	615	1028	1454	617	648	716	683	879	940	707	735
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	-2	-2	-2
Wind SA	0	0	-52	1	24	-21	-105	-77	-63	-49	-30	-15	-23	-13	5	22	34	8	6	-28	-23	-191	-177	-167	-150	-159	54
New gas SA	0	0	0	-18	-58	-32	-11	-525	-563	-591	-1678	-1833	-1856	-1856	-1924	-1628	-1715	-2802	-3448	-2734	-2819	-4625	-4796	-4308	-4348	-5100	-4324
New Wind SA	-7	-7	951	739	495	578	656	636	655	664	662	648	659	651	646	635	608	551	539	1010	1027	2910	2917	3055	2775	2380	1031
New Biomass SA	0	0	0	0	0	0	0	-5	630	511	898	961	1000	955	329	-22	-4	-66	50	55	-49	-136	-70	-69	-112	-44	-49
New Geothermal SA	0	0	0	0	0	56	473	515	501	495	487	470	462	550	477	458	455	1529	1441	1432	1434	1400	1612	288	370	1740	2082
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	-3	2	-271	30	-33	-96	-152	-117	-137	-91	-74	-32	-24	-18	-17	-14	-9	-2	-11	-14	-22	-64	-51	-48	-43	-74	-126
Natural Gas VIC	-7	1	-1	38	96	71	51	-2	16	23	-23	-51	-74	-125	-139	-23	-25	-76	-50	-106	-134	-149	-176	-169	-168	-285	-379
Hydro VIC	-33	0	-82	39	33	-3	-32	-30	-31	-22	-46	-24	-24	-12	-5	-5	-38	-3	-10	-53	-44	2	9	10	3	8	13
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1
New gas VIC	199	10	-24	85	102	-151	-230	-29	-503	-517	-409	-383	-420	-259	281	340	545	758	709	803	1043	1036	737	1168	1454	1488	1556
New Geothermal VIC	0	0	0	-134	-134	-134	-135	-134	-134	-134	-135	-134	-96	-134	-52	-134	-134	-134	-135	-134	-126	-127	-126	-129	-128	-132	-152
New Wind VIC	-7	-7	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-45	-45	-45	-45	-49	-13
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	-12	1	-16	32	28	17	8	4	5	7	-10	-19	-13	-27	-22	-14	-26	-28	-26	-37	-57	-34	-42	-49	-17	-53	-51
Hydro TAS	-11	1	-18	55	59	42	20	16	17	26	25	31	32	41	44	43	47	40	53	60	50	50	-16	-14	128	-7	-6
Wind TAS	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-4	-28	-32
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	19	0	0
New Wind TAS	-4	-4	-2	-215	-215	-214	-240	-239	-239	-242	-241	-238	-239	-238	-240	-241	-238	-239	-240	-239	-256	-213	-1	-1	-325	-1	-6

Option 1b - Split132+sc - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	-115	-4	403	673	282	106	67	53	-110	-81	-155	-114	-63	-49	4	21	20	37	-39	-35	-39	-30	-54	-49	-28	-26	-25
Natural Gas NSW	-1	0	13	4	2	2	1	0	13	15	-3	-6	3	-14	-9	21	-5	-53	-9	-27	-30	-23	-32	-25	-27	-54	-110
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	15	2	71	-25	-1	26	45	31	34	28	11	2	2	-22	-18	-22	-14	-24	-29	-44	-29	-55	-78	-66	-23	-63	-118
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	1	5	2	5	10	11	8	18	63	91	113	63	40	78	-76	-49	-249	-552	-667	-577	-473	-400	-401	-451	-301
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-1	2	0	-55	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	-3	-1006	-446	0	-115	-513	-510	-510	-509	-510	-497	-510	-511	-514	-509	-499	-512	-77	-77	-77	-77	-22	-22	-22	-22	-22
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	0	44	27	40	4	9	6	3	1	1	0	0	0	0	0	0	0	0	0	0	2	4	3	5	8	25
Natural Gas QLD	-4	-2	41	61	66	55	29	33	42	42	-15	-17	-40	-60	-45	-20	-11	-16	-6	-8	2	1	0	-1	0	4	2
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	-1	0	2	9	5	5	3	2	3	-14	-4	-17	-28	26	0	-1	0	0	29	0	0	3	-30	0	0	0	0
New gas QLD	0	2	6	20	105	49	145	107	181	175	178	158	133	136	130	133	119	83	66	72	140	182	160	116	172	179	128
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	-163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-41	-89	-9	195	254	244	251	282	278	294	291	308	309	310	326	0	0	0	0	0	0	0	-19	0	1
Natural Gas SA	-22	-1	-16	-998	-809	-547	-454	-14	-69	-66	690	688	682	616	714	590	593	1009	1437	600	634	705	675	870	934	704	738
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	-2	-2	-3
Wind SA	0	0	-52	1	36	-19	-104	-77	-64	-51	-31	-17	-26	-15	2	20	33	7	5	-30	-24	-195	-181	-171	-152	-161	53
New gas SA	0	0	0	-22	-76	-58	-31	-618	-649	-673	-1749	-1896	-1924	-1924	-1988	-1673	-1756	-2856	-3503	-2774	-2856	-4660	-4823	-4333	-4367	-5109	-4326
New Wind SA	0	0	956	743	496	582	660	640	659	669	666	653	664	656	651	639	612	555	544	1015	1032	2915	2922	3061	2779	2384	1036
New Biomass SA	0	0	0	0	0	0	0	-6	629	511	899	962	1001	957	330	-20	-2	-63	52	57	-47	-131	-65	-64	-109	-41	-46
New Geothermal SA	0	0	0	0	0	56	474	516	502	496	487	471	463	550	477	459	455	1529	1441	1432	1434	1400	1612	288	370	1740	2081
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	-5	0	-276	41	-30	-94	-152	-118	-138	-92	-75	-33	-25	-18	-18	-14	-9	-2	-11	-14	-22	-65	-51	-48	-44	-74	-126
Natural Gas VIC	-7	0	-2	40	115	83	67	11	28	33	-20	-46	-67	-119	-131	-22	-23	-74	-47	-104	-133	-149	-176	-169	-169	-288	-389
Hydro VIC	-36	-2	-82	70	53	3	-26	-27	-26	-17	-41	-23	-21	-7	-4	-5	-35	-1	-9	-51	-42	5	10	9	4	7	12
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-2
New gas VIC	198	9	-25	161	159	-38	-136	58	-434	-444	-341	-331	-378	-219	317	396	582	792	744	834	1067	1074	757	1192	1472	1493	1566
New Geothermal VIC	0	0	0	-134	-134	-134	-135	-134	-134	-134	-135	-134	-96	-134	-52	-134	-134	-134	-135	-134	-126	-127	-126	-129	-128	-132	-152
New Wind VIC	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-42	-43	-42	-42	-46	-10
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	-13	-1	-17	39	32	21	11	7	8	10	-7	-15	-10	-24	-19	-12	-24	-26	-24	-36	-56	-35	-42	-49	-17	-52	-51
Hydro TAS	-12	0	-19	63	68	48	27	20	18	27	25	31	32	41	44	43	47	40	52	59	50	48	-16	-15	127	-8	-7
Wind TAS	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-5	-28	-34
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	19	0	0
New Wind TAS	0	0	0	-213	-214	-212	-238	-237	-237	-240	-239	-236	-237	-237	-238	-239	-237	-237	-238	-237	-255	-212	0	0	-325	0	-6

Option 2a - Split 132+cap+SETx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	-115	-5	404	534	178	51	27	32	-122	-89	-152	-113	-68	-50	5	21	20	37	-41	-36	-39	-30	-53	-49	-28	-27	-25
Natural Gas NSW	-1	0	14	4	1	2	1	0	9	11	-7	-9	0	-17	-13	20	-6	-55	-10	-28	-31	-23	-32	-25	-25	-54	-109
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	15	1	72	-5	8	25	45	34	31	26	25	4	-14	-14	4	-20	0	-15	-32	-60	-38	-43	-92	-91	-33	-54	-106
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	1	5	2	5	10	10	6	16	59	86	103	50	29	76	-86	-72	-262	-564	-681	-579	-479	-406	-407	-451	-301
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-1	2	0	-55	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	-3	-1006	-446	0	-115	-513	-510	-510	-509	-510	-497	-510	-511	-514	-509	-499	-512	-77	-77	-77	-77	-22	-22	-22	-22	-22
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	-1	45	26	38	3	8	6	3	1	1	0	0	0	0	0	0	0	0	0	0	2	4	3	5	8	25
Natural Gas QLD	-4	0	41	55	61	51	26	28	37	38	-19	-19	-43	-62	-47	-22	-11	-17	-6	-9	2	1	0	-1	0	4	2
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	-1	0	2	8	5	5	4	-1	1	-21	3	-14	-28	2	-2	0	0	0	29	0	0	3	-30	0	0	0	0
New gas QLD	0	2	6	18	102	48	144	109	179	173	175	154	129	132	128	135	121	84	66	73	142	184	162	117	174	178	127
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	-163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-41	-83	-1	198	256	245	251	282	278	294	291	308	309	310	327	0	0	0	0	0	0	0	-19	0	1
Natural Gas SA	-22	-1	-16	-742	-606	-365	-298	35	-36	-30	716	712	700	633	730	619	616	1028	1455	619	651	723	692	889	954	723	753
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	-1	-2	-2
Wind SA	0	0	-52	1	24	-21	-105	-78	-64	-50	-31	-15	-23	-13	4	21	34	7	6	-28	-23	-191	-178	-167	-150	-160	53
New gas SA	0	0	0	-18	-58	-32	-11	-526	-562	-592	-1679	-1833	-1857	-1857	-1925	-1629	-1714	-2802	-3448	-2728	-2810	-4612	-4778	-4295	-4335	-5084	-4308
New Wind SA	0	0	956	743	500	582	661	640	659	669	666	652	663	655	650	639	612	555	544	1014	1032	2914	2921	3059	2778	2384	1034
New Biomass SA	0	0	0	0	0	0	0	-5	630	511	898	960	999	955	328	-22	-4	-66	49	54	-50	-136	-71	-69	-113	-44	-50
New Geothermal SA	0	0	0	0	0	56	473	515	500	495	487	470	462	550	476	458	455	1529	1441	1432	1434	1400	1612	288	370	1740	2082
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	-5	0	-276	26	-36	-98	-153	-118	-139	-92	-75	-33	-24	-18	-18	-14	-9	-2	-11	-14	-22	-65	-52	-48	-44	-74	-127
Natural Gas VIC	-7	0	-2	38	95	70	50	-2	15	22	-23	-51	-73	-125	-139	-24	-25	-76	-50	-107	-134	-149	-178	-169	-169	-285	-387
Hydro VIC	-36	-2	-82	39	33	-2	-31	-30	-31	-21	-46	-23	-24	-11	-7	-4	-37	-3	-11	-53	-44	3	9	9	3	7	8
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-2
New gas VIC	198	9	-24	85	100	-155	-234	-35	-508	-523	-415	-394	-428	-268	274	329	533	751	694	788	1022	1012	703	1143	1425	1451	1539
New Geothermal VIC	0	0	0	-134	-134	-134	-135	-134	-134	-134	-135	-134	-96	-134	-52	-134	-134	-134	-135	-134	-126	-127	-126	-129	-128	-132	-152
New Wind VIC	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-42	-43	-42	-42	-46	-10
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	-13	0	-17	32	27	17	7	4	5	7	-10	-19	-13	-27	-22	-14	-26	-29	-26	-38	-57	-34	-42	-50	-17	-53	-53
Hydro TAS	-12	0	-19	54	58	42	20	15	16	26	24	31	32	41	44	43	47	40	52	59	50	49	-17	-15	127	-8	-7
Wind TAS	0	0	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-5	-28	-34
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	19	0	0
New Wind TAS	0	0	0	-213	-214	-212	-238	-237	-237	-240	-239	-236	-237	-237	-238	-239	-237	-237	-238	-237	-255	-212	0	0	-325	0	-5

Option 2b - Split132+series comp+SETx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	-115	-5	402	673	280	105	67	53	-111	-82	-151	-113	-64	-49	4	21	20	37	-40	-36	-39	-29	-54	-48	-28	-27	-25
Natural Gas NSW	-1	0	13	4	2	2	1	0	13	15	-3	-8	3	-14	-9	21	-6	-53	-9	-27	-30	-23	-31	-25	-26	-54	-110
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	15	0	69	-24	-2	25	45	32	31	28	20	2	-9	-17	-24	-13	-19	-12	-34	-40	-38	-43	-71	-83	-31	-55	-108
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	1	5	2	4	10	11	8	17	63	93	115	64	41	80	-75	-48	-251	-548	-669	-573	-477	-405	-407	-459	-305
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-1	2	0	-55	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	-3	-1006	-446	0	-115	-513	-510	-510	-509	-510	-497	-510	-511	-514	-509	-499	-512	-77	-77	-77	-77	-22	-22	-22	-22	-22
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	0	44	27	39	4	9	6	3	1	1	0	0	0	0	0	0	0	0	0	0	2	4	3	5	8	25
Natural Gas QLD	-4	-1	42	61	67	54	30	33	42	41	-16	-17	-41	-60	-45	-20	-11	-17	-6	-8	2	1	0	-1	0	4	2
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	-1	0	2	8	6	3	4	2	2	-15	-5	-15	-21	27	0	-1	0	0	29	0	0	3	-30	0	0	0	0
New gas QLD	0	2	6	19	106	50	145	106	181	176	178	158	132	136	130	132	118	83	67	71	140	182	161	116	175	183	131
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	-163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-41	-89	-9	195	253	244	251	282	278	294	291	308	309	310	326	0	0	0	0	0	0	0	-19	0	1

Natural Gas SA	-22	-1	-16	-998	-810	-547	-454	-14	-70	-65	690	689	682	616	714	590	592	1009	1437	601	635	708	679	875	941	713	747
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	-1	-2	-3
Wind SA	0	0	-53	1	36	-19	-104	-77	-64	-51	-31	-17	-26	-15	2	20	33	7	5	-30	-24	-195	-181	-171	-152	-161	53
New gas SA	0	0	0	-22	-76	-58	-31	-618	-649	-672	-1749	-1897	-1924	-1924	-1988	-1673	-1755	-2856	-3503	-2772	-2851	-4653	-4813	-4325	-4361	-5101	-4316
New Wind SA	0	0	956	743	496	582	660	640	659	669	666	653	664	656	651	639	612	555	544	1015	1032	2915	2922	3061	2779	2384	1036
New Biomass SA	0	0	0	0	0	0	0	-6	629	511	899	962	1001	957	330	-20	-2	-63	52	57	-47	-131	-65	-64	-109	-41	-46
New Geothermal SA	0	0	0	0	0	56	474	516	502	496	487	471	463	550	477	459	455	1529	1441	1432	1434	1400	1612	288	370	1740	2081
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	-5	0	-276	42	-29	-93	-152	-118	-138	-92	-75	-33	-25	-18	-18	-14	-9	-2	-11	-14	-22	-65	-52	-48	-43	-74	-127
Natural Gas VIC	-7	0	-2	40	115	83	67	11	29	33	-20	-46	-68	-119	-131	-23	-23	-74	-48	-105	-133	-148	-176	-171	-172	-291	-391
Hydro VIC	-36	-1	-82	71	53	3	-25	-27	-26	-18	-43	-22	-20	-9	-3	-5	-35	-1	-9	-51	-43	5	11	9	2	6	11
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-2
New gas VIC	198	8	-25	162	160	-38	-137	58	-433	-446	-342	-330	-377	-219	317	396	581	792	745	827	1062	1057	743	1183	1464	1487	1552
New Geothermal VIC	0	0	0	-134	-134	-134	-135	-134	-134	-134	-135	-134	-96	-134	-52	-134	-134	-134	-135	-134	-126	-127	-126	-129	-128	-132	-152
New Wind VIC	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-42	-43	-42	-42	-46	-10
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	-13	-1	-17	39	32	21	12	7	8	10	-7	-15	-11	-24	-19	-12	-25	-26	-24	-36	-56	-34	-42	-49	-17	-53	-51
Hydro TAS	-12	0	-19	63	68	48	27	20	18	27	25	31	32	41	44	43	47	40	52	59	50	49	-16	-15	127	-9	-7
Wind TAS	0	0	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-5	-28	-34
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	19	0	0
New Wind TAS	0	0	0	-213	-214	-212	-238	-237	-237	-240	-239	-236	-237	-237	-238	-239	-237	-237	-238	-237	-255	-212	0	0	-325	0	-5

Option 3 - Krongart 500kV - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	0	8	-32	-32	42	-219	-142	-90	-79	-32	-79	-134	30	32	28	44	40	42	11	13	-21	-55	-55	-64	-39	-112	-116
Natural Gas NSW	0	0	-1	-1	0	-2	0	-1	-12	-16	-20	-36	32	20	13	17	8	-41	-6	-24	-41	-35	-47	-31	-36	-51	-149
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	-4	-14	-13	-18	-9	19	16	10	10	29	-30	-56	-51	-36	-46	-17	-18	-39	-65	-47	-47	-85	-59	-90	-70	-161
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	-1	-1	-3	1	0	-7	-17	-12	157	359	393	273	169	149	263	293	221	-51	-399	-298	-259	-244	-857	-790
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-1	1	0	0	1	54	-1	-56	54	0	-1	0	0	0	-53
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	5	113	112	0	213	-294	-293	-293	-292	-292	-284	-292	-293	-295	-292	-285	-293	-14	-14	-14	-14	-154	-154	-153	-153	-153
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	0	-5	-2	-41	-7	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	6	8	14	38
Natural Gas QLD	0	1	-1	-3	-58	1	10	-1	-107	-87	-30	-60	-37	-51	-47	-24	-19	-19	-7	-24	-13	-4	-1	-3	-6	15	20
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	1	0	0	-8	1	5	0	-2	-3	-1	-8	-58	31	3	1	-2	0	29	0	-1	3	0	0	0	1	-1
New gas QLD	0	0	0	-1	-43	0	36	38	194	155	34	18	-19	-46	-36	-24	-40	-65	-85	-162	-94	154	190	189	224	621	687
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	229	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	4	-18	6	154	189	176	182	193	183	186	165	172	155	153	155	-31	-33	-32	-33	-37	-32	-33	-30	-26	0
Natural Gas SA	0	3	-6	-53	3	316	366	190	191	204	943	952	-222	-244	72	183	203	668	1111	731	660	669	726	953	1080	1053	1143
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	-1	-1	-1	-4
Wind SA	0	0	2	-2	22	-29	-117	-104	-83	-75	-65	37	53	51	61	65	56	53	47	39	-62	-112	-129	-107	-102	-113	141
New gas SA	-1	0	0	-3	-3	59	60	219	267	258	-650	-791	-2488	-2581	-3109	-3237	-3406	-4509	-5190	-4680	-5969	-7312	-7396	-6846	-6823	-7202	-6235
New Wind SA	0	0	-106	6	-141	-53	15	11	14	10	9	-37	-41	-39	-58	-63	-66	-126	-124	-70	1869	2756	2766	2908	2656	4519	3014
New Biomass SA	0	0	0	0	0	0	0	-45	-46	-88	298	520	527	526	441	21	14	66	-42	9	60	56	57	58	5	116	-39
New Geothermal SA	0	0	0	0	0	41	683	714	710	707	718	793	694	691	724	690	688	1347	1267	1264	1442	3025	3125	1702	1723	1742	2189
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	1	33	33	34	-22	-58	-37	-31	-16	-24	-58	-41	-27	-29	-19	-4	-10	-1	1	-23	-112	-101	-77	-75	-159	-187
Natural Gas VIC	-1	1	0	-4	0	-23	-45	-53	-55	-57	-32	-94	9	-23	-55	-10	-17	-39	7	-85	-117	-162	-185	-171	-172	-316	-599
Hydro VIC	0	6	16	11	22	1	-30	-23	-19	-17	-49	-13	40	45	23	9	5	22	32	-2	-1	14	21	8	43	-2	21
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-2
New gas VIC	2	-23	-11	68	39	-304	-538	-559	-679	-692	-788	-961	1345	1534	1911	2464	2677	2796	2883	3037	2744	2001	1952	2360	2537	1535	1609
New Geothermal VIC	0	0	0	-100	-100	-100	-100	-100	-100	-100	-100	-100	-60	-100	-16	-100	-100	-100	-100	-100	-316	-321	-326	-319	-318	-385	-243
New Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-45	-42	-44	-49	-54	-43
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	1	4	1	2	-6	-13	-15	-16	-14	-32	-45	6	5	-5	-7	-18	-11	6	-16	-37	-40	-34	-38	-2	-40	-36
Hydro TAS	0	1	4	1	4	-11	-24	-24	-19	-15	-22	-23	-4	-5	-7	-5	-3	-2	-4	1	-10	-18	-12	-7	119	31	32
Wind TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-77	-153	-199
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	32	32	0	0	17	0	0
New Wind TAS	0	0	0	0	0	0	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-25	-40	1	0	0	-228	-1	2

Option 4 - Split 132+cap-HEYTx - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	-103	5	408	464	185	106	123	144	-5	24	-16	0	42	44	85	85	58	70	-6	-8	-13	-11	-32	-29	-13	-15	-12
Natural Gas NSW	-1	0	14	5	3	3	3	1	14	15	-3	-7	2	-16	-10	23	-4	-55	-11	-27	-30	-22	-29	-25	-25	-49	-100
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	14	-1	69	3	3	22	43	31	30	23	11	1	-16	6	-4	-37	47	-38	-58	-23	-22	-24	-90	-66	-33	-42	-93
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	1	5	2	4	10	11	7	17	62	88	107	57	33	81	-74	-56	-251	-535	-654	-533	-428	-353	-346	-375	-203
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-1	2	0	-55	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	-6	-8	-1012	-451	-6	-120	-517	-515	-515	-514	-515	-502	-515	-516	-518	-513	-504	-517	-81	-81	-80	-80	-24	-24	-24	-24	-24
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	1	1	45	25	38	5	7	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-1	-1	2
Natural Gas QLD	-3	1	43	50	49	42	21	23	34	36	-22	-19	-45	-62	-47	-22	-11	-17	-7	-9	1	1	0	-1	0	3	1
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	-1	0	2	7	5	5	5	-2	8	-6	1	5	-10	-28	0	1	0	0	29	0	-1	2	-30	0	0	0	0
New gas QLD	0	2	6	16	97	39	107	68	122	115	108	95	68	79	76	89	82	48	28	37	104	140	113	70	124	120	61
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	-2	-2	-1	-1	-164	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	1	1	-40	-84	0	198	250	234	234	261	262	274	272	286	289	289	309	0	0	0	0	-1	0	0	-19	0	1
Natural Gas SA	-18	3	-14	-559	-388	-316	-276	47	-32	-28	718	716	702	634	730	620	617	1029	1455	617	650	714	678	873	934	698	721
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	-1	-2	-2	-3
Wind SA	0	0	-52	-19	-91	-139	-260	-216	-188	-169	-120	-82	-96	-80	-58	-27	-2	-34	-34	-69	-60	-262	-231	-227	-205	-212	2
New gas SA	0	0	0	-15	-44	-29	-7	-518	-561	-580	-1673	-1824	-1845	-1853	-1920	-1624	-1711	-2799	-3445	-2730	-2809	-4639	-4829	-4340	-4386	-5165	-4410
New Wind SA	-7	-7	951	739	495	583	667	646	664	674	669	652	663	655	649	637	609	554	543	1022	1038	2945	2942	3087	2800	2413	1067
New Biomass SA	0	0	0	0	0	0	0	-33	553	430	745	813	849	806	167	-186	-166	-237	-125	-125	-232	-301	-247	-245	-287	-213	-228
New Geothermal SA	0	0	0	0	0	45	439	486	480	479	476	464	456	544	471	455	453	1522	1436	1424	1428	1378	1594	268	353	1713	2047
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	-3	2	-271	32	25	-33	-54	-29	-42	-18	-13	-1	-1	-1	0	2	1	8	2	0	-3	-57	-48	-37	-32	-58	-106
Natural Gas VIC	-7	1	-1	34	68	62	52	1	18	23	-23	-51	-75	-125	-139	-23	-25	-76	-51	-104	-132	-130	-155	-153	-152	-259	-344
Hydro VIC	-34	0	-82	27	26	-2	-28	-25	-23	-18	-36	-21	-19	-10	-5	-3	-37	-4	-11	-54	-45	-5	1	6	-1	2	9
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1
New gas VIC	198	10	-24	25	-5	-162	-221	-5	-439	-433	-296	-254	-264	-91	470	528	739	952	899	986	1218	1229	943	1384	1668	1704	1788
New Geothermal VIC	0	0	0	-134	-134	-134	-135	-134	-134	-134	-135	-134	-96	-134	-52	-134	-134	-134	-135	-134	-126	-125	-124	-127	-125	-129	-145
New Wind VIC	-7	-7	-6	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-44	-45	-43	-44	-46	-7
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	-11	1	-16	27	23	17	10	6	8	10	-6	-17	-12	-26	-20	-13	-26	-28	-25	-37	-58	-34	-41	-49	-16	-52	-50
Hydro TAS	-11	1	-18	47	49	41	23	20	23	33	34	40	41	46	48	47	49	41	54	61	51	51	-15	-14	128	-6	-5
Wind TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-3	-27	-31
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	19	0	0
New Wind TAS	-4	-4	-2	-214	-215	-214	-240	-239	-239	-242	-241	-238	-239	-238	-240	-241	-238	-239	-240	-239	-256	-213	-1	-1	-325	-1	-4

Option 5 - DSM - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	-118	-4	294	71	-108	106	67	53	-110	-81	-155	-114	-63	-49	4	21	20	37	-39	-35	-39	-30	-54	-49	-28	-26	-25
Natural Gas NSW	-1	0	10	3	3	2	1	0	13	15	-3	-6	3	-14	-9	21	-5	-53	-9	-27	-30	-23	-32	-25	-27	-54	-110
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	16	-2	54	34	24	26	45	31	34	28	11	2	2	-22	-18	-22	-14	-24	-29	-44	-29	-55	-78	-66	-23	-63	-118
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	1	5	1	5	10	11	8	18	63	91	113	63	40	78	-76	-49	-249	-552	-667	-577	-473	-400	-401	-451	-301
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-1	2	0	-55	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	-1	-753	-253	193	-115	-513	-510	-510	-509	-510	-497	-510	-511	-514	-509	-499	-512	-77	-77	-77	-77	-22	-22	-22	-22	-22
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	-1	0	34	13	30	4	9	6	3	1	1	0	0	0	0	0	0	0	0	0	0	2	4	3	5	8	25
Natural Gas QLD	-4	0	30	44	62	55	29	33	42	42	-15	-17	-40	-60	-45	-20	-11	-16	-6	-8	2	1	0	-1	0	4	2
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	-1	0	2	6	6	5	3	2	3	-14	-4	-17	-28	26	0	-1	0	0	29	0	0	3	-30	0	0	0	0
New gas QLD	0	1	3	12	106	49	145	107	181	175	178	158	133	136	130	133	119	83	66	72	140	182	160	116	172	179	128
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	-163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-33	-1	68	195	254	244	251	282	278	294	291	308	309	310	326	0	0	0	0	0	0	0	-19	0	1
Natural Gas SA	-22	0	-12	243	137	-547	-454	-14	-69	-66	690	688	682	616	714	590	593	1009	1437	600	634	705	675	870	934	704	738

Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-2	-2	-2	-2	-2	-2	-1	-2	-2	-3
Wind SA	0	0	-35	-13	-54	-19	-104	-77	-64	-51	-31	-17	-26	-15	2	20	33	7	5	-30	-24	-195	-181	-171	-152	-161	53
New gas SA	-1	-1	0	-155	24	-58	-31	-618	-649	-673	-1749	-1896	-1924	-1924	-1988	-1673	-1756	-2856	-3503	-2774	-2856	-4660	-4823	-4333	-4367	-5109	-4326
New Wind SA	0	0	730	542	305	582	660	640	659	669	666	653	664	656	651	639	612	555	544	1015	1032	2915	2922	3061	2779	2384	1036
New Biomass SA	0	0	0	0	0	0	0	-6	629	511	899	962	1001	957	330	-20	-2	-63	52	57	-47	-131	-65	-64	-109	-41	-46
New Geothermal SA	0	0	0	0	0	56	474	516	502	496	487	471	463	550	477	459	455	1529	1441	1432	1434	1400	1612	288	370	1740	2081
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	-6	0	-210	-76	-33	-94	-152	-118	-138	-92	-75	-33	-25	-18	-18	-14	-9	-2	-11	-14	-22	-65	-51	-48	-44	-74	-126
Natural Gas VIC	-7	2	-1	39	104	83	67	11	28	33	-20	-46	-67	-119	-131	-22	-23	-74	-47	-104	-133	-149	-176	-169	-169	-288	-389
Hydro VIC	-37	0	-64	-17	8	3	-26	-27	-26	-17	-41	-23	-21	-7	-4	-5	-35	-1	-9	-51	-42	5	10	9	4	7	12
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-2
New gas VIC	204	2	-21	-197	-443	-38	-136	58	-434	-444	-341	-331	-378	-219	317	396	582	792	744	834	1067	1074	757	1192	1472	1493	1566
New Geothermal VIC	0	0	0	-135	-135	-134	-135	-134	-134	-134	-135	-134	-96	-134	-52	-134	-134	-134	-135	-134	-126	-127	-126	-129	-128	-132	-152
New Wind VIC	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-42	-43	-42	-42	-46	-10
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	-13	0	-12	13	26	21	11	7	8	10	-7	-15	-10	-24	-19	-12	-24	-26	-24	-36	-56	-35	-42	-49	-17	-52	-51
Hydro TAS	-12	0	-14	29	49	48	27	20	18	27	25	31	32	41	44	43	47	40	52	59	50	48	-16	-15	127	-8	-7
Wind TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-5	-28	-34
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	19	0	0
New Wind TAS	0	0	0	-189	-190	-212	-238	-237	-237	-240	-239	-236	-237	-237	-238	-239	-237	-237	-238	-237	-255	-212	0	0	-325	0	-6

Option 6a - Control Scheme - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal NSW	-1	-3	-3	0	-15	-11	-18	-23	-16	-20	-14	-11	-16	-10	-13	-12	-7	-7	-6	-4	-3	-3	-3	-3	-3	-3	-4
Natural Gas NSW	0	0	-1	0	-1	-1	-1	0	-1	-1	0	0	0	0	0	3	0	0	0	0	-1	-1	-3	-3	-3	-7	-12
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	0	-2	-1	0	2	2	0	0	1	2	3	5	-12	-7	7	-5	6	18	-30	-4	-4	-3	-22	-1	-14	-21	-15
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	0	0	0	0	0	0	0	0	-1	-1	1	0	2	-3	3	1	-7	2	-7	-23	-20	-18	-29	-47	-45
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	0	-1	-1	0	-1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	4	11
Natural Gas QLD	0	1	0	-1	1	1	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	0	0	0	0	0	0	0	-2	2	3	17	14	-35	27	3	-1	0	-2	0	0	0	1	0	0	0	0	0
New gas QLD	0	0	0	0	0	0	6	10	9	10	9	6	7	5	6	6	5	5	5	4	4	16	16	16	25	38	40
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	0	1	0	0	0	1	1	1	1	1	1	1	2	2	2	0	0	0	0	0	0	0	0	0	0
Natural Gas SA	0	0	0	0	0	0	2	1	1	0	0	1	1	1	2	0	1	1	1	2	2	4	6	6	7	13	16
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wind SA	0	0	9	4	51	38	46	43	33	31	24	13	16	16	18	20	16	17	15	10	9	9	8	7	11	17	23
New gas SA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	4	4	5	10	12	53	68	69	96	133	171
New Wind SA	0	0	0	0	-9	-16	-27	-26	-23	-21	-22	-13	-11	-10	-11	-11	-8	-8	-7	-4	-4	-3	-2	-2	-2	-1	1
New Biomass SA	0	0	0	0	0	0	0	10	9	11	11	9	8	6	11	10	6	6	5	4	3	3	2	2	3	4	6
New Geothermal SA	0	0	0	0	0	12	21	19	16	12	13	7	3	2	2	2	1	0	0	0	0	0	0	0	1	1	2
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	0	0	-6	-3	-23	-18	-27	-27	-23	-19	-13	-7	-5	-4	-5	-4	-3	-3	-4	-3	-3	-3	-2	-1	-2	-2	-7
Natural Gas VIC	0	0	0	0	0	0	-1	-2	-1	0	0	0	-1	0	-1	-1	0	0	-1	-1	-3	-17	-19	-18	-20	-33	-41
Hydro VIC	-1	0	-1	-1	0	1	-1	-1	1	-1	0	-2	1	0	0	0	0	0	0	1	2	2	6	4	3	2	2
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas VIC	0	0	0	0	-2	-2	-1	-5	-4	-4	-5	-3	-6	-5	-10	-12	-16	-12	-8	-20	-10	-30	-47	-52	-81	-111	-146
New Geothermal VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-3
New Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	-1	0	-2
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	-2	-1	-1	0	-1	-1
Hydro TAS	0	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	0	0	0	0	-1	-1	-1	-1	-1
Wind TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-2	-3
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1

Option 6b - Control Scheme+Split132+series comp - Differences from the basecase - GWh

NSW (FY ending)	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940

Black Coal NSW	-114	-3	398	505	157	73	50	41	-124	-97	-167	-126	-76	-63	-6	12	15	32	-45	-40	-43	-33	-59	-52	-31	-29	-29
Natural Gas NSW	-1	0	12	3	-1	1	0	0	12	13	-5	-9	1	-16	-11	22	-6	-54	-10	-27	-31	-24	-33	-26	-28	-56	-114
Liquid Fuel NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro NSW	15	2	71	-13	-1	22	45	34	34	28	25	13	0	-23	-1	-28	33	-37	-43	-25	-22	-31	-78	-87	-24	-45	-99
Wind NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas NSW	0	0	1	5	2	4	10	11	7	16	63	89	110	59	39	76	-73	-56	-257	-553	-679	-588	-491	-419	-422	-477	-338
New Biomass NSW	0	0	0	0	0	0	0	0	0	0	0	0	-1	2	0	-55	0	0	0	0	0	0	0	0	0	0	0
New Geothermal NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind NSW	0	-3	-1006	-446	0	-115	-513	-510	-510	-509	-510	-497	-510	-511	-514	-509	-499	-512	-77	-77	-77	-77	-22	-22	-22	-22	-22
DSP_NSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

QLD	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Black Coal QLD	0	0	44	23	37	4	9	7	3	1	1	0	0	0	0	0	0	0	0	0	0	2	5	4	6	10	31
Natural Gas QLD	-4	-2	41	50	58	50	27	31	40	40	-17	-18	-42	-61	-47	-21	-11	-17	-6	-9	2	2	0	-1	1	5	2
Liquid Fuel QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hydro QLD	-1	0	2	7	6	5	3	3	4	-10	6	-19	-31	27	-2	-1	0	0	29	0	0	3	-30	0	0	0	0
New gas QLD	0	2	6	17	100	46	146	111	189	182	185	162	137	143	137	140	123	88	71	77	146	191	174	130	192	202	163
New gas with CCS QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Biomass QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Solar QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Wind QLD	0	0	0	0	-163	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_QLD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SA	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal SA	0	0	-40	-88	-9	195	254	245	253	285	281	298	296	313	315	316	331	0	0	0	0	0	0	0	-19	0	1
Natural Gas SA	-22	-1	-16	-639	-446	-410	-399	5	-52	-60	692	692	684	617	716	596	597	1010	1438	603	638	709	679	875	944	719	756
Liquid Fuel SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-1	-1	-2	-2	-2	-2	-2	-2	-1	-2	-2	-3
Wind SA	0	0	-32	2	54	-2	-82	-56	-46	-33	-17	-7	-16	-6	11	27	37	13	10	-21	-16	-183	-171	-159	-142	-150	62
New gas SA	0	0	0	-17	-50	-50	-26	-602	-641	-648	-1734	-1877	-1903	-1911	-1974	-1662	-1750	-2852	-3493	-2766	-2841	-4635	-4805	-4307	-4328	-5052	-4239
New Wind SA	0	0	956	743	495	581	658	639	658	667	665	652	664	656	650	639	612	553	543	1011	1028	2909	2918	3054	2774	2381	1034
New Biomass SA	0	0	0	0	0	0	0	-2	638	519	916	977	1018	973	347	-4	13	-47	67	73	-31	-114	-46	-47	-93	-27	-28
New Geothermal SA	0	0	0	0	0	58	481	522	505	499	489	472	463	550	477	459	456	1529	1442	1433	1435	1405	1615	292	373	1743	2086
New Solar SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DSP_SA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VIC	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Brown Coal VIC	-5	0	-289	27	-45	-105	-169	-134	-155	-106	-88	-40	-30	-22	-22	-17	-11	-5	-14	-17	-26	-67	-53	-51	-46	-78	-133
Natural Gas VIC	-7	0	-2	32	69	65	56	5	21	28	-21	-49	-71	-120	-136	-23	-24	-75	-49	-106	-135	-152	-184	-177	-177	-301	-408
Hydro VIC	-35	-2	-83	44	34	0	-28	-30	-29	-20	-44	-24	-22	-9	-4	-6	-35	-2	-9	-52	-43	2	12	10	3	7	11
Wind VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-2
New gas VIC	198	9	-25	36	2	-115	-169	32	-453	-468	-365	-355	-404	-245	293	361	554	777	729	809	1046	1033	729	1155	1416	1425	1468
New Geothermal VIC	0	0	0	-134	-134	-134	-135	-134	-134	-134	-135	-134	-96	-134	-52	-134	-134	-134	-135	-134	-126	-127	-126	-130	-128	-133	-154
New Wind VIC	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-42	-43	-42	-43	-47	-12
DSP_VIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TAS	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940
Natural Gas TAS	-13	-1	-17	28	23	17	10	6	6	8	-9	-18	-12	-25	-20	-13	-25	-27	-24	-36	-57	-36	-43	-50	-17	-53	-51
Hydro TAS	-12	-1	-19	50	48	40	23	17	17	26	23	30	31	40	43	42	46	40	52	59	50	48	-18	-15	126	-8	-7
Wind TAS	0	0	-1	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New gas TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-5	-29	-34
New Biomass TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	16	0	0	19	0	0
New Wind TAS	0	0	0	-213	-214	-212	-239	-237	-237	-240	-239	-236	-237	-237	-238	-239	-237	-237	-238	-237	-255	-212	0	0	-325	0	-6

Final expansion plans by zone and region

Central

Capacity base (MW) central scenario

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	0	0	0	29	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NQ	100	200	300	371	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	0	0	0	41	41	44	44	109	209	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	Biomass	TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	161	261	300	300	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	0	11	25	25	25	25	25	25	25	159	159	159	281	573	573	693	693	693	693	693	693	693	693	701	950	950	950	950	950
New Capacity	CCGT	CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	204	939	1182	1550
New Capacity	CCGT	LV	0	0	0	0	0	159	787	1122	1487	1801	2227	2475	2681	3116	3534	4882	5514	5514	5568	7797	7970	8457	9469	9704	9704	9704	9704	10610	10610	10610	10610	10610
New Capacity	CCGT	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267	317	365	678	746	2620	3382
New Capacity	CCGT	NNS	0	0	0	0	0	0	0	0	0	419	787	1196	1562	2047	2443	2791	4794	6595	6905	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
New Capacity	CCGT	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
New Capacity	CCGT	SEQ	0	0	0	0	0	0	0	0	0	367	810	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	0	0	47	47	375	831	1320	1668	2098	2138	2138	2138	2578	3130	3595	4125	4592	4875	5290	6253	7763	9095	9530	9677	10091	10505	10919	11714	11747	12160	12570	14910
New Capacity	Geothermal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	41	94	94	94	94	94	94
New Capacity	Geothermal	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	500	500	500	500	500
New Capacity	OCGT	ADE	397	471	471	494	561	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050	1050
New Capacity	OCGT	CVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187	187	187	187	187
New Capacity	OCGT	MEL	713	1167	1385	2116	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185
New Capacity	OCGT	NCEN	0	0	0	185	821	975	1142	1499	1697	1697	1697	1697	1697	1697	1697	1697	1697	1697	1697	2226	2326	2759	3292	3292	3589	3783	4235	4780	4780	4780	5095	5614
New Capacity	OCGT	NSA	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
New Capacity	OCGT	SWQ	419	994	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088
New Capacity	Solar	ADE	0	0	0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
New Capacity	Solar	CQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Solar	NQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Solar	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200
New Capacity	Wind	CAN	46.9	46.9	361.6	361.6	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	1644.2	1644.2	1644.2	1644.2	1651	2453	2453	2453	2453	2453
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	754.5	2208	2208	2208	2208	2208
New Capacity	Wind	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64.5	246	246	246	246	246
New Capacity	Wind	MEL	420	420	829	829	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238
New Capacity	Wind	NCEN	0	0	0	0	0	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	314	471	471	471	471	471	471	471	471	471	471
New Capacity	Wind	NNS	0	0	0	0	0	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	271.8	626	917.7	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266
New Capacity	Wind	NSA	0	0	895	895	895	932.3	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1066	1790	1790	1790	1790	1838.4	2685	2685	2685	2685	2685
New Capacity	Wind	SESA	0	0	446.7	446.7	568.2	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596
New Capacity	Wind	SWNSW	0	0	398.2	509	509	786	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1115	1124.8	1124.8	1124.8	1124.8	1124.8	1381	1527	1527	1527	1527	1527
New Capacity	Wind	SWQ	0	0	0	77.3	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
New Capacity	Wind	TAS	0	0	787	1187	1266.5	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574
Retirement	Black Coal	CQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	560	1680	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380
Retirement	Black Coal	NCEN	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2110	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	4310	6380	7700
Retirement	Black Coal	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
Retirement	Brown Coal	LV	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1600	1624	1764	1764	2864	3244	3244	3244	5514	5514	5514	5514	6564	6564	6564	6564	6564	6564	6564	6564	6564
Retirement	Brown Coal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	100	200	300	371	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	0	0	47	47	375	831	1320	1668	2098	2505	2948	3338	3778	4330	4795	5325	5792	6075	6490	7453	8963	10295	10730	10877	11291	11705	12119	12914	12947	13360	13770	16110
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	QLD_OCGT	419	994	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088	1088
	Solar	QLD_Solar	0	0	400	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
	Wind	QLD_Wind	0	0	0	77.3	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	399
	Biomass	NSW_Biomass	0	0	0	29	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	0	0	0	0	0	419	787	1196	1562	2047	2443	2791	4794	6595	6905	7000	7000	7000	7000	7000	7000	7267	7317	7365	7882	8685	10802	11932
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	NSW_OCGT	0	0	0	185	821	975	1142	1499	1697	1697	1697	1697	1697	1697	1697	1697	1697	1697	1697	2226	2326	2759	3292	3292	3589	3783	4235	4780	4780	4780	5095	5614
	Solar	NSW_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	NSW_Wind	46.9	46.9	759.8	870.6	1358	2063.8	2295.8	2295.8	2295.8	2295.8	2295.8	2295.8	2295.8	2295.8	2295.8	2295.8	2295.8	2295.8	2295.8	2295.8	2392.8	2559.6	3511.8	3866	4157.7	4179	4442	5390	5390	5390	5390	5390
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	0	0	0	0	0	159	787	1122	1487	1801	2227	2475	2681	3116	3534	4882	5514	5514	5568	7797	7970	8457	9469	9704	9704	9704	9704	10610	10610	10610	10610	10610
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	500	500	500	500	500
	OCGT	VIC_OCGT	713	1167	1385	2116	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2185	2372	2372	2372	2372	2372
	Solar	VIC_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200
	Wind	VIC_Wind	420	420	1565	1565	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	2057	3692	3692	3692	3692	3692
	Biomass	SA_Biomass	0	0	0	0	0	0	0	41	41	44	44	109	209	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	SA_CCGT	0	0	0	0	11	25	25	25	25	25	25	25	159	159	159	281	594	743	863	863	863	863	863	863	863	863	871	1120	1120	1120	1120	1120
	Geothermal	SA_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	41	94	94	94	94	94	94
	OCGT	SA_OCGT	655	729	729	752	819	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308	1308
	Solar	SA_Solar	0	0	0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
	Wind	SA_Wind	0	0	1341.7	1341.7	1463.2	1528.3	1662	1662	1662	1662	1662	1662	1662	1662	1662	1662	1662	1662	1662	1662	1662	1662	2386	2386	2386	2386	2434.4	3281	3281	3281	3281	3281
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	161	261	300	300	300	300	300	300
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1187	1266.5	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	129	195	195	195	195	195	755	1875	2575	2575	2575	2575	2575	2575	2575	2575	2575	2575	2575
	Black Coal	NSW_Black Coal	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2110	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	4310	6380	7700
	Brown Coal	VIC_Brown Coal	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1600	1624	1764	1764	2864	3244	3244	3244	5514	5514	5514	5514	6564	6564	6564	6564	6564	6564	6564	6564	6564
	Brown Coal	SA_Brown Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

Central

Capacity Split132+sc+HYTx (MW this expansion plan was used for all options except Option 3 and the control scheme)

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	0	0	0	35	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NQ	100	200	300	365	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	0	0	0	44	45	50	142	193	293	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	Biomass	TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	184	284	300	300	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	25	51	109	262	262	262	262	262	262	262	262	262	262	262	262	262	262
New Capacity	CCGT	CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	307	1117	1527	1891
New Capacity	CCGT	LV	0	0	0	0	0	178	812	1144	1532	1909	2241	2414	2770	3275	3693	5150	5989	5989	6011	8240	8413	8841	9839	10007	10007	10007	10007	11078	11078	11078	11078	11078
New Capacity	CCGT	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334	415	433	642	642	2242	3070
New Capacity	CCGT	NNS	0	0	0	0	0	0	0	0	3	356	724	1222	1572	2073	2468	2844	4868	6668	6930	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
New Capacity	CCGT	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
New Capacity	CCGT	SEQ	0	0	0	0	0	0	0	0	0	367	810	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	0	0	58	58	386	842	1331	1679	2109	2149	2149	2149	2589	3141	3606	4136	4603	4886	5301	6264	7774	9106	9541	9688	10102	10516	10930	11725	11758	12171	12581	14919
New Capacity	Geothermal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	94	94	94	94	94	94	94
New Capacity	Geothermal	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	500	500	500	500	500
New Capacity	Geothermal	SESA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	100	300	300	300	300	300

New Capacity	OCGT	ADE	397	471	471	471	678	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148	1148
New Capacity	OCGT	MEL	713	1167	1393	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095
New Capacity	OCGT	NCEN	0	0	0	263	821	1002	1157	1514	1687	1687	1687	1687	1687	1687	1687	1687	1687	1687	1687	2241	2335	2804	3290	3290	3569	3701	4115	4689	4689	4689	5132	5577
New Capacity	OCGT	NSA	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
New Capacity	OCGT	SESA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	92	136	136	136	136	172	172	172	172	172
New Capacity	OCGT	SWQ	419	994	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078
New Capacity	Solar	CQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Solar	NQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Solar	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200
New Capacity	Wind	CAN	46.9	46.9	170.1	170.1	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	1651	1651	1651	1651	1651	2453	2453	2453	2453	2453
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	757.3	2208	2208	2208	2208	2208
New Capacity	Wind	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61.7	246	246	246	246	246
New Capacity	Wind	MEL	420	420	829	829	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238
New Capacity	Wind	NCEN	0	0	0	0	0	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	206.7	314	471	471	471	471	471	471	471	471	471	471
New Capacity	Wind	NNS	0	0	0	0	0	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	221.4	626	939	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266
New Capacity	Wind	NSA	0	0	895	895	895	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1257.8	1790	1790	1790	1790	1790	2685	2685	2685	2685	2685
New Capacity	Wind	SESA	0	0	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596
New Capacity	Wind	SWNSW	0	0	420.7	509	509	545.3	907.3	907.3	907.3	907.3	907.3	907.3	907.3	907.3	907.3	907.3	907.3	907.3	907.3	907.3	1018	1059.7	1113.1	1113.1	1113.1	1113.1	1367.2	1527	1527	1527	1527	1527
New Capacity	Wind	SWQ	0	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
New Capacity	Wind	TAS	0	0	787	1187	1253.5	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1574	1574
Retirement	Black Coal	CQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	560	1680	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380
Retirement	Black Coal	NCEN	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2110	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	4310	6380	7700
Retirement	Black Coal	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	129	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
Retirement	Brown Coal	LV	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1600	1624	1764	1764	2864	3244	3244	3244	5514	5514	5514	5514	6564	6564	6564	6564	6564	6564	6564	6564	6564
Retirement	Brown Coal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	100	200	300	365	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	0	0	58	58	386	842	1331	1679	2109	2516	2959	3349	3789	4341	4806	5336	5803	6086	6501	7464	8974	10306	10741	10888	11302	11716	12130	12925	12958	13371	13781	16119
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	QLD_OCGT	419	994	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078	1078
	Solar	QLD_Solar	0	0	400	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
	Wind	QLD_Wind	0	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	399
	Biomass	NSW_Biomass	0	0	0	35	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	0	0	0	0	3	356	724	1222	1572	2073	2468	2844	4868	6668	6930	7000	7000	7000	7000	7000	7000	7334	7415	7433	7949	8759	10769	11961
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	NSW_OCGT	0	0	0	263	821	1002	1157	1514	1687	1687	1687	1687	1687	1687	1687	1687	1687	1687	1687	2241	2335	2804	3290	3290	3569	3701	4115	4689	4689	4689	5132	5577
	Solar	NSW_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	NSW_Wind	46.9	46.9	590.8	679.1	1358	1772.7	2134.7	2134.7	2134.7	2134.7	2134.7	2134.7	2134.7	2134.7	2134.7	2134.7	2134.7	2134.7	2134.7	2134.7	2295.1	2444.1	3456.5	3861.1	4174.1	4174.1	4428.2	5390	5390	5390	5390	5390
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	0	0	0	0	0	178	812	1144	1532	1909	2241	2414	2770	3275	3693	5150	5989	5989	6011	8240	8413	8841	9839	10007	10007	10007	10007	11078	11078	11078	11078	11078
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	500	500	500	500	500
	OCGT	VIC_OCGT	713	1167	1393	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095	2095
	Solar	VIC_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200
	Wind	VIC_Wind	420	420	1565	1565	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	2057	3692	3692	3692	3692	3692
	Biomass	SA_Biomass	0	0	0	0	0	0	0	44	45	50	142	193	293	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	SA_CCGT	0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	25	51	279	432	432	432	432	432	432	432	432	432	432	432	432	432	432
	Geothermal	SA_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	103	194	394	394	394	394	394
	OCGT	SA_OCGT	655	729	729	729	936	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1406	1464	1498	1542	1542	1542	1542	1578	1578	1578	1578	1578
	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1491	1491	1491	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	1853.8	2386	2386	2386	2386	2386	3281	3281	3281	3281	3281
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84	184	284	300	300	300	300	300	300
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_So ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1187	1253.5	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1552.3	1574	1574

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	129	195	195	195	195	195	755	1875	2575	2575	2575	2575	2575	2575	2575	2575	2575	2575	2575
	Black Coal	NSW_Black Coal	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2110	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	4310	6380	7700
	Brown Coal	VIC_Brown Coal	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1600	1624	1764	1764	2864	3244	3244	3244	5514	5514	5514	5514	6564	6564	6564	6564	6564	6564	6564	6564	6564
	Brown Coal	SA_Brown Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

Central

Capacity Krongart (MW)

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	0	0	0	35	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NQ	100	200	300	365	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	0	0	0	37	37	44	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	Biomass	TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	172	269	282	282	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	0	11	11	25	25	25	25	25	25	25	18	18	25	38	67	143	143	143	143	143	143	143	143	143	143	143	143	143	143
New Capacity	CCGT	CAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	239	867	1403	1671
New Capacity	CCGT	LV	0	0	0	0	0	172	787	1126	1484	1850	2228	2448	2778	3365	3681	5144	6046	6046	6145	8401	8546	9004	10006	10090	10090	10090	10090	11187	11187	11187	11187	11187
New Capacity	CCGT	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	346	363	640	834	2333	3180
New Capacity	CCGT	NNS	0	0	0	0	0	0	0	0	13	377	735	1136	1512	1961	2459	2822	4830	6629	6920	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
New Capacity	CCGT	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	85	85	85	85	85	85	85	85	85	85	85	85	85	85
New Capacity	CCGT	SEQ	0	0	0	0	0	0	0	0	0	367	810	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	0	0	55	55	383	839	1327	1676	2106	2146	2146	2146	2586	3140	3604	4135	4602	4884	5299	6263	7773	9104	9539	9686	10100	10515	10929	11723	11757	12169	12579	14918
New Capacity	Geothermal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	85	85	85	85	85	85	105	132	132	132	132	132	132	132
New Capacity	Geothermal	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	500	500	500	500	500
New Capacity	Geothermal	SESA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34	79	134	300	300	300	300	300
New Capacity	OCGT	ADE	397	471	471	522	855	1345	1345	1345	1345	1345	1345	1345	1345	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246	1246
New Capacity	OCGT	CVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148	148	148	148	148
New Capacity	OCGT	LV	303	303	303	303	303	303	303	303	303	303	303	303	303	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152	152
New Capacity	OCGT	MEL	410	864	1082	1616	1616	1616	1616	1616	1616	1616	1616	1616	1616	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855	1855
New Capacity	OCGT	NCEN	0	0	0	380	821	974	1138	1495	1687	1687	1687	1687	1687	1687	1687	1687	1687	1687	1687	2204	2331	2765	3302	3302	3673	3920	4210	4762	4762	4762	5175	5713
New Capacity	OCGT	NSA	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
New Capacity	OCGT	SESA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	46	68	68	68	68	86	86	86	86	86
New Capacity	OCGT	SWQ	419	994	1081	1081	1081	1081	1081	1081	1081	1081	1081	1081	1081	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079
New Capacity	Solar	CQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Solar	NQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Solar	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185.4	385.4	585.4	785.4	985.4	1185.4	1385.4	1585.4	1785.4	1985.4	2185.4	2385.4	2585.4	2785.4	2985.4	3185.4
New Capacity	Wind	CAN	46.9	46.9	326.7	326.7	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	1598.9	1598.9	1598.9	1598.9	1651	2453	2453	2453	2453	2453
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	788.1	2208	2208	2208	2208	2208
New Capacity	Wind	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30.9	246	246	246	246	246
New Capacity	Wind	MEL	420	420	829	829	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238
New Capacity	Wind	NCEN	0	0	0	0	0	157	157	157	157	157	157	157	157	157	157	157	157	157	157	157	181.9	314	471	471	471	471	471	471	471	471	471	471
New Capacity	Wind	NNS	0	0	0	0	0	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	313	626	828.5	932.5	932.5	932.5	932.5	939	939	939
New Capacity	Wind	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266
New Capacity	Wind	NSA	0	0	895	895	895	951.4	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1052.2	1155	1155	1155	1155	1155	1155	1155	1155	1155	1790	1790	1790	1790	1790	2685	2685	2685	2685	2685
New Capacity	Wind	SESA	0	0	446.7	455.4	580	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	774.5	774.5	814	894	894	894	894	894	894
New Capacity	Wind	SWNSW	0	0	433.6	509	509	753.8	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1040.9	1100.2	1127	1127	1127	1127	1351.9	1527	1527	1527	1527	1527
New Capacity	Wind	SWQ	0	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133

New Capacity	Wind	TAS	0	0	787	1187	1282.5	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574
Retirement	Black Coal	CQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	560	1680	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380
Retirement	Black Coal	NCEN	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2110	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	4310	6380	7700
Retirement	Black Coal	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	129	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
Retirement	Brown Coal	LV	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1600	1624	1764	1764	2864	3244	3244	3244	5514	5514	5514	5514	6564	6564	6564	6564	6564	6564	6564	6564	6564
Retirement	Brown Coal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	100	200	300	365	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	0	0	55	55	383	839	1327	1676	2106	2513	2956	3346	3786	4340	4804	5335	5802	6084	6499	7463	8973	10304	10739	10886	11300	11715	12129	12923	12957	13369	13779	16118
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	QLD_OCGT	419	994	1081	1081	1081	1081	1081	1081	1081	1081	1081	1081	1081	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079	1079
	Solar	QLD_Solar	0	0	400	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800
	Wind	QLD_Wind	0	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	399
	Biomass	NSW_Biomass	0	0	0	35	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	0	0	0	0	13	377	735	1136	1512	1961	2459	2822	4830	6629	6920	7000	7000	7000	7000	7000	7000	7167	7346	7363	7879	8701	10736	11851
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	NSW_OCGT	0	0	0	380	821	974	1138	1495	1687	1687	1687	1687	1687	1687	1687	1687	1687	1687	1687	2204	2331	2765	3302	3302	3673	3920	4210	4762	4762	4762	5175	5713
	Solar	NSW_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	NSW_Wind	46.9	46.9	760.3	835.7	1358	2072.8	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337	2384.8	2576.2	3509.9	3822.9	4025.4	4129.4	4406.4	5383.5	5383.5	5390	5390	5390
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	0	0	0	0	0	172	787	1126	1484	1850	2228	2448	2778	3365	3681	5144	6046	6046	6145	8401	8546	9004	10006	10090	10090	10090	10090	11187	11187	11187	11187	11187
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	500	500	500	500	500
	OCGT	VIC_OCGT	713	1167	1385	1919	1919	1919	1919	1919	1919	1919	1919	1919	1919	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2007	2155	2155	2155	2155	2155
	Solar	VIC_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185.4	385.4	585.4	785.4	985.4	1185.4	1385.4	1585.4	1785.4	1985.4	2185.4	2385.4	2585.4	2785.4	2985.4	3185.4
	Wind	VIC_Wind	420	420	1565	1565	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	1974	2057	3692	3692	3692	3692	3692
	Biomass	SA_Biomass	0	0	0	0	0	0	0	37	37	44	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	SA_CCGT	0	0	0	0	11	11	25	25	25	25	25	25	25	18	18	25	38	152	228	228	228	228	228	228	228	228	228	228	228	228	228	228
	Geothermal	SA_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	85	85	85	85	85	85	139	211	266	432	432	432	432	432
	OCGT	SA_OCGT	655	729	729	780	1113	1603	1603	1603	1603	1603	1603	1603	1603	1504	1504	1504	1504	1504	1504	1504	1504	1533	1550	1572	1572	1572	1572	1590	1590	1590	1590	1590
	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1341.7	1350.4	1475	1547.4	1648.2	1648.2	1648.2	1648.2	1648.2	1648.2	1648.2	1751	1751	1751	1751	1751	1751	1751	1751	1751	2386	2564.5	2564.5	2604	2684	3579	3579	3579	3579	3579
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	172	269	282	282	300	300	300	300
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1187	1282.5	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	129	195	195	195	195	195	755	1875	2575	2575	2575	2575	2575	2575	2575	2575	2575	2575	2575
	Black Coal	NSW_Black Coal	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2110	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	3620	4310	6380	7700
	Brown Coal	VIC_Brown Coal	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1600	1624	1764	1764	2864	3244	3244	3244	5514	5514	5514	5514	6564	6564	6564	6564	6564	6564	6564	6564	6564
	Brown Coal	SA_Brown Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

Revised Central

Capacity base (MW) Revised central scenario

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	12	12	12	12	54	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	0	0	0	54	54	54	54	73	73	73	73	73	80	80	80	80	80	80	80	80	80	80	80	100	100	100	100	100	100
New Capacity	Biomass	NQ	0	88	188	288	388	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	0	46	46	50	56	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	126	126	226	279	300	300
New Capacity	CCGT	ADE	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
New Capacity	CCGT	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	162	358	581
New Capacity	CCGT	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	213	457	469	469	474	1025	1233	1664
New Capacity	CCGT	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170	170	170	170	170	170	180	208	230	249	249	346	363	363	363
New Capacity	CCGT	SEQ	0	0	0	0	0	0	0	0	0	0	0	0	110	488	790	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	80	200	819	1093	1444	1819	1819	2524	2699	2869	2969	2969	3059	3862	3935	4592
New Capacity	OCGT	ADE	0	0	87	125	125	125	125	173	175	175	177	210	232	313	337	337	350	732	751	763	784	784	795	842	842	842	842	842	842	842	842	842
New Capacity	OCGT	LV	0	0	0	0	0	31	114	282	386	543	683	819	996	1207	1419	1448	1555	1596	1713	1839	1839	1839	1978	2229	2374	2528	2637	2637	2783	2815	2815	2815
New Capacity	OCGT	MEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	133	161	161	161	161	161	161	161	161	161	161	161
New Capacity	OCGT	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	119	473	473	473	473	473	605	769	777	805	805	824	824	824	824	824	824	824	824	1085
New Capacity	Wind	CAN	46.9	46.9	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849
New Capacity	Wind	CVIC	0	0	736	736	736	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5	768.5
New Capacity	Wind	LV	0	0	0	0	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
New Capacity	Wind	MEL	420	420	1053.3	1053.3	1290.8	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647
New Capacity	Wind	NCEN	0	0	0	0	157	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314	314
New Capacity	Wind	NNS	0	0	0	0	313	551.5	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	0	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266
New Capacity	Wind	NSA	0	0	895	895	943	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7	1076.7
New Capacity	Wind	SESA	0	0	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596
New Capacity	Wind	SWNSW	0	0	0	170.2	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509
New Capacity	Wind	SWQ	0	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
New Capacity	Wind	TAS	0	0	787	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574
Retirement	Black Coal	NCEN	600	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560
Retirement	Black Coal	NQ	99	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
Retirement	Brown Coal	LV	0	104	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
Retirement	Brown Coal	NSA	0	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	0	88	188	288	388	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	110	488	790	1280	1280	1400	2019	2293	2644	3019	3019	3724	3899	4069	4169	4169	4259	5062	5135	5792
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	QLD_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	QLD_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	QLD_Wind	0	0	0	133	133	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399
	Biomass	NSW_Biomass	100	112	112	112	112	154	254	254	254	254	273	273	273	273	273	280	280	280	280	280	280	280	280	280	280	280	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	213	457	469	469	474	1025	1233	1664
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	NSW_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	119	473	473	473	473	473	605	769	777	805	805	824	824	824	824	824	824	824	824	1085
	Solar	NSW_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	NSW_Wind	46.9	46.9	849	1019.2	1828	2223.5	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611	2611
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	55	162	358	581
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	VIC_OCGT	0	0	0	0	0	31	114	282	386	543	683	819	996	1207	1419	1448	1555	1596	1713	1839	1972	2000	2139	2390	2535	2689	2798	2798	2944	2976	2976	2976
	Solar	VIC_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	VIC_Wind	420	420	1789.3	1789.3	2108.8	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5	2497.5
	Biomass	SA_Biomass	0	0	0	0	0	46	46	50	56	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	126	126	226	279	300	300
	CCGT	SA_CCGT	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	195	195	195	195	195	195	205	233	255	274	274	371	388	388	388
	Geothermal	SA_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	SA_OCGT	0	0	87	125	125	125	125	173	175	175	177	210	232	313	337	337	350	732	751	763	784	784	795	842	842	842	842	842	842	842	842	842
	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1491	1491	1539	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7	1672.7
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	99	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
	Black Coal	NSW_Black Coal	600	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560
	Brown Coal	VIC_Brown Coal	0	104	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
	Brown Coal	SA_Brown Coal	0	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744

Revised Central

Capacity Split132+sc+HYTx (MW this expansion plan was used for all options except the control scheme)

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	0	0	0	0	25	25	25	25	44	44	44	44	44	52	52	52	52	52	52	52	52	52	52	52	100	100	100	100	100	100
New Capacity	Biomass	NCEN	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	100	100	100	100
New Capacity	Biomass	NQ	0	100	200	300	384	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	16	116	175	178	188	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	292	292	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	11	11	11	15	25	25	25	25	25	25	25	25	25
New Capacity	CCGT	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172	303	521	744
New Capacity	CCGT	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	328	520	545	545	545	1023	1257	1718
New Capacity	CCGT	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
New Capacity	CCGT	SEQ	0	0	0	0	0	0	0	0	0	0	0	0	110	517	818	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	108	227	929	1216	1518	1911	1911	2524	2698	2869	2969	2969	2969	3844	3891	4532
New Capacity	OCGT	ADE	0	0	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	451	470	482	503	503	503	557	581	606	606	606	606	675	675	675
New Capacity	OCGT	LV	0	0	0	0	0	0	24	241	343	501	642	811	1011	1302	1539	1568	1688	1760	1877	2003	2135	2164	2311	2554	2702	2853	2945	2945	3164	3174	3174	3174
New Capacity	OCGT	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	275	595	595	595	595	595	627	775	842	842	842	842	842	842	842	842	842	842	842	1086
New Capacity	Wind	CAN	46.9	46.9	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736
New Capacity	Wind	LV	0	0	0	0	0	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
New Capacity	Wind	MEL	420	420	1053.3	1053.3	1238	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647
New Capacity	Wind	NCEN	0	0	0	0	157	314	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1
New Capacity	Wind	NNS	0	0	0	0	313	549.9	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	0	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266
New Capacity	Wind	NSA	0	0	895	895	1061.4	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9
New Capacity	Wind	SESA	0	0	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596
New Capacity	Wind	SWNSW	0	0	0	148.7	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509
New Capacity	Wind	SWQ	0	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
New Capacity	Wind	TAS	0	0	787	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574
Retirement	Black Coal	NCEN	600	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560
Retirement	Black Coal	NQ	99	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
Retirement	Brown Coal	LV	0	104	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
Retirement	Brown Coal	NSA	0	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	0	100	200	300	384	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	110	517	818	1308	1308	1427	2129	2416	2718	3111	3111	3724	3898	4069	4169	4169	4169	5044	5091	5732
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	QLD_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	QLD_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	QLD_Wind	0	0	0	133	133	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399
	Biomass	NSW_Biomass	100	100	100	100	100	100	125	125	125	125	144	144	144	144	144	152	152	152	152	152	152	152	152	152	152	200	208	208	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	328	520	545	545	545	1023	1257	1718
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	NSW_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	275	595	595	595	595	595	627	775	842	842	842	842	842	842	842	842	842	842	842	1086
	Solar	NSW_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	NSW_Wind	46.9	46.9	849	997.7	1828	2221.9	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172	303	521	744
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	VIC_OCGT	0	0	0	0	0	0	24	241	343	501	642	811	1011	1302	1539	1568	1688	1760	1877	2003	2135	2164	2311	2554	2702	2853	2945	2945	3164	3174	3174	3174
	Solar	VIC_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	VIC_Wind	420	420	1789.3	1789.3	1974	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465
	Biomass	SA_Biomass	0	0	0	0	16	116	175	178	188	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	292	292	300	300	300	300
	CCGT	SA_CCGT	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	181	181	181	181	181	185	195	195	195	195	195	195	195	195	195
	Geothermal	SA_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	SA_OCGT	0	0	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	451	470	482	503	503	503	557	581	606	606	606	606	675	675	675
	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1491	1491	1657.4	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	99	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
	Black Coal	NSW_Black Coal	600	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560
	Brown Coal	VIC_Brown Coal	0	104	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
	Brown Coal	SA_Brown Coal	0	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744

Revised Central

Capacity Krongart (MW)

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	0	0	0	0	25	25	25	25	44	44	44	44	44	52	52	52	52	52	52	52	52	52	52	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8	100	100	100	100
New Capacity	Biomass	NQ	0	100	200	300	384	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	16	116	175	178	188	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	292	292	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	11	11	11	11	11	15	25	25	25	25	25	25	25	25	25
New Capacity	CCGT	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172	303	521	744
New Capacity	CCGT	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	328	520	545	545	545	1023	1257	1718
New Capacity	CCGT	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170	170
New Capacity	CCGT	SEQ	0	0	0	0	0	0	0	0	0	0	0	0	110	517	818	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108	108	227	929	1216	1518	1911	1911	2524	2698	2869	2969	2969	2969	3844	3891	4532
New Capacity	OCGT	ADE	0	0	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	451	470	482	503	503	503	557	581	606	606	606	606	675	675	675
New Capacity	OCGT	LV	0	0	0	0	0	0	24	241	343	501	642	811	1011	1302	1539	1568	1688	1760	1877	2003	2135	2164	2311	2554	2702	2853	2945	2945	3164	3174	3174	3174
New Capacity	OCGT	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	275	595	595	595	595	595	627	775	842	842	842	842	842	842	842	842	842	842	842	1086
New Capacity	Wind	CAN	46.9	46.9	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736
New Capacity	Wind	LV	0	0	0	0	0	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
New Capacity	Wind	MEL	420	420	1053.3	1053.3	1238	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647
New Capacity	Wind	NCEN	0	0	0	0	157	314	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1	320.1
New Capacity	Wind	NNS	0	0	0	0	313	549.9	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939	939

New Capacity	Wind	NQ	0	0	0	0	0	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266
New Capacity	Wind	NSA	0	0	895	895	1061.4	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9	1086.9
New Capacity	Wind	SESA	0	0	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596
New Capacity	Wind	SWNSW	0	0	0	148.7	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509
New Capacity	Wind	SWQ	0	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133
New Capacity	Wind	TAS	0	0	787	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574
Retirement	Black Coal	NCEN	600	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560
Retirement	Black Coal	NQ	99	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
Retirement	Brown Coal	LV	0	104	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
Retirement	Brown Coal	NSA	0	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	0	100	200	300	384	384	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	110	517	818	1308	1308	1427	2129	2416	2718	3111	3111	3724	3898	4069	4169	4169	4169	5044	5091	5732
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	QLD_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	QLD_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	QLD_Wind	0	0	0	133	133	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399	399
	Biomass	NSW_Biomass	100	100	100	100	100	100	125	125	125	125	144	144	144	144	144	152	152	152	152	152	152	152	152	152	152	200	208	208	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	328	520	545	545	545	1023	1257	1718
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	NSW_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	275	595	595	595	595	595	627	775	842	842	842	842	842	842	842	842	842	842	842	1086
	Solar	NSW_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	NSW_Wind	46.9	46.9	849	997.7	1828	2221.9	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1	2617.1
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172	303	521	744
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	VIC_OCGT	0	0	0	0	0	0	24	241	343	501	642	811	1011	1302	1539	1568	1688	1760	1877	2003	2135	2164	2311	2554	2702	2853	2945	2945	3164	3174	3174	3174
	Solar	VIC_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	VIC_Wind	420	420	1789.3	1789.3	1974	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465	2465
	Biomass	SA_Biomass	0	0	0	0	16	116	175	178	188	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	292	292	300	300	300	300
	CCGT	SA_CCGT	0	0	0	0	0	0	0	0	11	11	11	11	11	11	11	11	11	181	181	181	181	181	185	195	195	195	195	195	195	195	195	195
	Geothermal	SA_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	SA_OCGT	0	0	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	451	470	482	503	503	503	557	581	606	606	606	606	675	675	675
	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1491	1491	1657.4	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9	1682.9
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574	1574

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	161	1 18	1819	1920	2021	2122	2223	2324	2425	2526	262	2 28	2829	2930	3031	3132	3233	3334	3435	3536	363	3 38	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	99	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
	Black Coal	NSW_Black Coal	600	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560	1560
	Brown Coal	VIC_Brown Coal	0	104	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164	164
	Brown Coal	SA_Brown Coal	0	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744

Low

Capacity base (MW) low scenario

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NQ	100	100	100	100	200	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	0	0	0	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	0	0	11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
New Capacity	CCGT	LV	181	336	652	3235	3849	4422	5567	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957	5957
New Capacity	CCGT	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930	930
New Capacity	CCGT	NNS	0	0	0	0	328	634	938	4245	4571	6232	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
New Capacity	CCGT	SEQ	0	0	0	0	0	0	862	1020	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	40	1016	1119	1119	1466	1935	2279	2279	2279	2527	2776	3013	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276	3276
New Capacity	CCGT CCS	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	301	301	545	545	545	545	545	545	545	545	545	545	545	545	545	545	545	545	545
New Capacity	CCGT CCS	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	900	1188	1476	1765	2997	3268	3541	3813	4085	4132	4162	4162	4162	4162	4162	4162	4162	4162	4162
New Capacity	Geothermal	CVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
New Capacity	Geothermal	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	750	750	750	750	750	750	750	750	750	750
New Capacity	Geothermal	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	263	344	374	463	482	500	500	500	500	500	500	500
New Capacity	Geothermal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	170	170	289	489	536	536	536	536	656	656	656	750	750	750	750	750	750	750	750	750
New Capacity	Geothermal	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	186	306
New Capacity	Geothermal	SESA	0	0	0	0	0	0	0	0	0	0	0	0	0	53	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
New Capacity	OCGT	ADE	370	370	370	370	370	587	627	690	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849
New Capacity	OCGT	LV	325	325	325	325	325	325	627	1671	1671	1867	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2873	3123	3305	3382	3590	3728	3728	3728
New Capacity	OCGT	NCEN	0	0	0	0	0	0	0	0	0	0	217	831	1537	2532	3745	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275
New Capacity	OCGT	NSA	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
New Capacity	Solar	ADE	0	0	0	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	208.7	383.5	383.5	383.5	383.5	383.5	383.5	383.5	469.3
New Capacity	Solar	CQ	0	0	190.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	406.4	448.5	451.9	494	536.8	553.1	595.3	637.4	680.1
New Capacity	Solar	NCEN	0	0	0	133.7	133.7	133.7	133.7	133.7	133.7	133.7	133.7	133.7	133.7	133.7	333.7	533.7	733.7	933.7	1133.7	1333.7	1533.7	1733.7	1933.7	2133.7	2333.7	2533.7	2733.7	2933.7	3133.7	3333.7	3533.7	3733.7
New Capacity	Solar	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	164.2	325.5	520.2	720.2	920.2	1120.2	1320.2	1520.2	1720.2	1920.2	2120.2	2320.2	2520.2	2720.2	2920.2	3120.2
New Capacity	Solar	NQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400
New Capacity	Solar	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70.8	249.3	298.3	359.9	559.9	759.9
New Capacity	Solar	SWNSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90.5	90.5	90.5	225.9	425.9	625.9	825.9	1025.9	1225.9	1407.7	1506.1	1622.5
New Capacity	Wind	CAN	46.9	46.9	635.7	685.3	849	990.9	990.9	990.9	990.9	990.9	990.9	990.9	990.9	990.9	990.9	1068.6	1267.3	1651	1651	1651	2453	2453	2453	2453	2453	2453	2453	2453	2453	2453	2453	2453
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	1376.3	1472	1472	1637.3	1813.7	2150.5	2208	2208	2208	2208	2208	2208	2208
New Capacity	Wind	LV	0	0	0	0	0	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
New Capacity	Wind	MEL	420	420	829	829	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647
New Capacity	Wind	NCEN	0	0	0	0	0	157	157	157	157	157	157	157	157	157	157	157	157	314	314	314	471	471	471	471	471	471	471	471	471	471	471	471
New Capacity	Wind	NNS	0	0	0	0	0	313	313	313	313	313	313	313	313	313	313	313	313	313	509.6	626	939	939	939	939	939	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266	266	266	266
New Capacity	Wind	NSA	0	0	895	895	895	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1284.3	1284.3	1372.8	1395.1	1395.1	1395.1	1411.2	1525.7	1696.9	1709.6	1786.1	1790	1790
New Capacity	Wind	SESA	0	0	407	407	476.2	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8	579.8
New Capacity	Wind	SWNSW	0	0	0	135.1	509	538.7	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	897.9	1018	1018	1018	1135.2	1527	1527	1527	1527	1527	1527	1527	1527	1527	1527	1527	1527
New Capacity	Wind	SWQ	0	0	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	532	532	532	532	532	532	532
New Capacity	Wind	TAS	0	0	787	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1
Retirement	Black Coal	CQ	0	0	0	0	350	700	1820	1820	1820	1820	1820	1820	1820	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380
Retirement	Black Coal	NCEN	0	600	600	600	600	600	600	3620	3620	5000	6380	6380	6380	7040	9140	9860	9860	9860	9860	9860	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580
Retirement	Black Coal	NQ	0	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
Retirement	Black Coal	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	856	856	856	856	856	856	856	856	856	856	856	856	856	856	856
Retirement	Brown Coal	LV	0	0	164	2834	3234	3634	5084	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564
Retirement	Brown Coal	NSA	0	0	0	0	0	272	272	272	272	272	272	272	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	100	100	100	100	200	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	40	1016	1119	1119	1466	1935	3141	3299	3479	3727	3976	4213	4476	5376	5664	5952	6241	7473	7744	8017	8289	8561	8608	8638	8638	8638	8638	8638	8638	8638	8638	8638
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	QLD_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	QLD_Solar	0	0	390.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	790.4	990.4	1206.4	1448.5	1651.9	1894	2136.8	2353.1	2595.3	2837.4	3080.1

	Wind	QLD_Wind	0	0	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	532	532	532	798	798	798	798
	Biomass	NSW_Biomass	0	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	328	634	938	4245	4571	6232	7000	7000	7000	7000	7930	7930	7930	7930	7930	7930	7930	7930	7930	7930	7930	7930	7930	7930	7930	7930	7930	7930
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	263	344	374	463	482	500	500	500	500	500	500	500
	OCGT	NSW_OCGT	0	0	0	0	0	0	0	0	0	0	217	831	1537	2532	3745	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275	4275
	Solar	NSW_Solar	0	0	0	133.7	133.7	133.7	133.7	133.7	133.7	133.7	133.7	133.7	133.7	133.7	333.7	533.7	897.9	1259.2	1653.9	2053.9	2544.4	2944.4	3344.4	3879.8	4479.8	5079.8	5679.8	6279.8	6879.8	7461.6	7960	8476.4
	Wind	NSW_Wind	46.9	46.9	635.7	820.4	1358	1999.6	2358.8	2358.8	2358.8	2358.8	2358.8	2358.8	2358.8	2358.8	2358.8	2436.5	2755.3	3296	3492.6	3726.2	5390	5390	5390	5390	5390	5390	5390	5390	5390	5390	5390	5390
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	181	336	652	3235	3849	4422	5567	5957	5957	5957	5957	5957	5957	6258	6258	6502	6502	6502	6502	6502	6502	6502	6502	6502	6502	6502	6502	6502	6502	6502	6502	6502
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1200	1400	1600	1750	1750	1750	1750	1750	1750	1750	1810	1936	2056
	OCGT	VIC_OCGT	325	325	325	325	325	325	627	1671	1671	1867	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2811	2873	3123	3305	3382	3590	3728	3728	3728
	Solar	VIC_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70.8	249.3	298.3	359.9	559.9	759.9
	Wind	VIC_Wind	420	420	1565	1565	1974	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	3105.3	3201	3201	3366.3	3542.7	3879.5	3937	3937	3937	3937	3937	3937	3937
	Biomass	SA_Biomass	0	0	0	0	0	0	0	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	SA_CCGT	0	0	0	0	0	11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	Geothermal	SA_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	170	223	347	547	594	594	594	594	714	714	714	808	808	808	808	808	808	808	808	808
	OCGT	SA_OCGT	628	628	628	628	628	845	885	948	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107	1107
	Solar	SA_Solar	0	0	0	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	76	208.7	383.5	383.5	383.5	383.5	383.5	383.5	383.5	469.3
	Wind	SA_Wind	0	0	1302	1302	1371.2	1723.8	1723.8	1723.8	1723.8	1723.8	1723.8	1723.8	1723.8	1723.8	1723.8	1723.8	1723.8	1723.8	1723.8	1864.1	1864.1	1952.6	1974.9	1974.9	1974.9	1991	2105.5	2276.7	2289.4	2365.9	2369.8	2369.8
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1	1018.1

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	0	195	195	195	545	895	2015	2015	2015	2015	2015	2015	2015	2575	2575	2575	2575	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431
	Black Coal	NSW_Black Coal	0	600	600	600	600	600	600	3620	3620	5000	6380	6380	6380	7040	9140	9860	9860	9860	9860	9860	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580
	Brown Coal	VIC_Brown Coal	0	0	164	2834	3234	3634	5084	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564
	Brown Coal	SA_Brown Coal	0	0	0	0	0	272	272	272	272	272	272	272	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

Low

Capacity Split132+sc+HYTx (MW this expansion plan was used for all options except Option 3 and the control scheme)

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NQ	100	100	100	100	100	103	203	203	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	100	197	197	297	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	0	0	11	11	11	11	11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
New Capacity	CCGT	LV	94	249	595	3185	3727	4432	5544	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077
New Capacity	CCGT	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827
New Capacity	CCGT	NNS	0	0	0	0	263	557	866	4173	4499	6160	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
New Capacity	CCGT	SEQ	0	0	0	0	0	0	962	1120	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	40	1016	1092	1092	1568	2129	2372	2372	2372	2518	2767	3003	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267
New Capacity	CCGT CCS	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	145	258	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491
New Capacity	CCGT CCS	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	900	1188	1476	1765	2997	3268	3541	3813	4085	4132	4163	4163	4163	4163	4163	4163	4163	4163	4163
New Capacity	Geothermal	CVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
New Capacity	Geothermal	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	750	750	750	750	750	750	750	750	750	750
New Capacity	Geothermal	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	289	370	394	490	491	500	500	500	500	500	500	500
New Capacity	Geothermal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	170	170	170	370	380	380	380	380	541	541	550	750	750	750	750	750	750	750	750	750
New Capacity	Geothermal	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	156
New Capacity	Geothermal	SESA	0	0	0	0	0	0	0	0	0	0	0	53	82	282	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	OCGT	ADE	370	370	370	370	370	370	370	370	430	553	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561
New Capacity	OCGT	LV	410	410	410	410	410	410	795	1762	1959	2133	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	3033	3253	3487	3667	3703	3807	3822	3828	3828
New Capacity	OCGT	NCEN	0	0	0	0	0	0	0	0	0	0	221	787	1467	2462	3776	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309
New Capacity	OCGT	NSA	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
New Capacity	OCGT	SESA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	81	130	227	228
New Capacity	Solar	CQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	415.1	457.2	460.7	502.8	545.6	561.9	604	646.1	688.9
New Capacity	Solar	NCEN	0	0	0	200	200	200	200	200	200	200	200	200	200	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800
New Capacity	Solar	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.9	213.9	376.6	575.6	775.6	975.6	1175.6	1375.6	1575.6	1775.6	1975.6	2175.6	2375.6	2575.6	2775.6	2975.6	3175.6
New Capacity	Solar	NQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400
New Capacity	Solar	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71.9	260	366.7	566.7	766.7	966.7
New Capacity	Solar	SWNSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.9	19.9	19.9	151.3	351.3	551.3	751.3	951.3	1138.2	1311.7	1464.9	1578.4
New Capacity	Wind	CAN	46.9	46.9	317.7	317.7	849	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1249.8	1651	1651	1651	2453	2453	2453	2453	2453	2453	2453	2453	2453	2453	2453	2453
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	1450	1472	1472	1472	1499.6	1958.3	2208	2208	2208	2208	2208	2208	2208
New Capacity	Wind	LV	0	0	0	0	0	34.3	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
New Capacity	Wind	MEL	420	420	929.3	1186	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647
New Capacity	Wind	NCEN	0	0	0	0	0	157	157	157	157	157	157	157	157	157	157	157	157	281.2	314	314	471	471	471	471	471	471	471	471	471	471	471	471
New Capacity	Wind	NNS	0	0	0	0	0	313	313	313	313	313	313	313	313	313	313	313	313	313	432.2	626	939	939	939	939	939	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266	266	266	266
New Capacity	Wind	NSA	0	0	895	895	895	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1210.2	1253.3	1333.6	1358.4	1358.4	1358.4	1408.3	1545.1	1723	1723	1723	1723	1723
New Capacity	Wind	SESA	0	0	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596
New Capacity	Wind	SWNSW	0	0	0	0	509	509	814	814	814	814	814	814	814	814	814	814	1018	1018	1018	1018	1527	1527	1527	1527	1527	1527	1527	1527	1527	1527	1527	1527
New Capacity	Wind	SWQ	0	0	0	0	44.7	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	532	532	532	532	532	532	532
New Capacity	Wind	TAS	0	0	787	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1
Retirement	Black Coal	CQ	0	0	0	0	350	700	1820	1820	1820	1820	1820	1820	1820	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380
Retirement	Black Coal	NCEN	0	600	600	600	600	600	600	3620	3620	5000	6380	6380	6380	7040	9140	9860	9860	9860	9860	9860	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580
Retirement	Black Coal	NQ	0	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
Retirement	Black Coal	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	856	856	856	856	856	856	856	856	856	856	856	856	856	856	856
Retirement	Brown Coal	LV	0	0	164	2834	3234	3634	5084	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564
Retirement	Brown Coal	NSA	0	0	0	0	0	272	272	272	272	272	272	272	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	100	100	100	100	100	103	203	203	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	40	1016	1092	1092	1568	2129	3334	3492	3572	3718	3967	4203	4467	5367	5655	5943	6232	7464	7735	8008	8280	8552	8599	8630	8630	8630	8630	8630	8630	8630	8630	8630
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	QLD_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	QLD_Solar	0	0	400	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	1000	1215.1	1457.2	1660.7	1902.8	2145.6	2361.9	2604	2846.1	3088.9
	Wind	QLD_Wind	0	0	0	0	44.7	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	532	532	532	798	798	798	798
	Biomass	NSW_Biomass	0	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	263	557	866	4173	4499	6160	7000	7000	7000	7000	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	289	370	394	490	491	500	500	500	500	500	500	500
	OCGT	NSW_OCGT	0	0	0	0	0	0	0	0	0	0	221	787	1467	2462	3776	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309
	Solar	NSW_Solar	0	0	0	200	200	200	200	200	200	200	200	200	200	200	400	613.9	1013.9	1376.6	1775.6	2175.6	2595.5	2995.5	3395.5	3926.9	4526.9	5126.9	5726.9	6326.9	6913.8	7487.3	8040.5	8554
	Wind	NSW_Wind	46.9	46.9	317.7	317.7	1358	2128.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2737.8	3263.2	3415.2	3609	5390	5390	5390	5390	5390	5390	5390	5390	5390	5390	5390	5390
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	94	249	595	3185	3727	4432	5544	6077	6077	6077	6077	6077	6077	6222	6335	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1200	1400	1600	1750	1750	1750	1750	1750	1750	1750	1750	1780	1906
	OCGT	VIC_OCGT	410	410	410	410	410	410	795	1762	1959	2133	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	3033	3253	3487	3667	3703	3807	3822	3828	3828
	Solar	VIC_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71.9	260	366.7	566.7	766.7	966.7
	Wind	VIC_Wind	420	420	1665.3	1922	1974	2008.3	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	3179	3201	3201	3201	3228.6	3687.3	3937	3937	3937	3937	3937	3937	3937
	Biomass	SA_Biomass	0	0	0	0	100	197	197	297	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	SA_CCGT	0	0	0	0	0	11	11	11	11	11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	Geothermal	SA_Geothermal	0	0	0	0	0	0	0	0	0	0	0	53	252	452	470	670	680	680	680	680	841	841	850	1050	1050	1050	1050	1050	1050	1050	1050	1050
	OCGT	SA_OCGT	628	628	628	628	628	628	628	628	688	811	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	850	900	949	1046	1047

	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1491	1491	1491	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1806.2	1849.3	1929.6	1954.4	1954.4	1954.4	2004.3	2141.1	2319	2319	2319	2319	2319
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	0	195	195	195	545	895	2015	2015	2015	2015	2015	2015	2015	2575	2575	2575	2575	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431
	Black Coal	NSW_Black Coal	0	600	600	600	600	600	600	3620	3620	5000	6380	6380	6380	7040	9140	9860	9860	9860	9860	9860	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580
	Brown Coal	VIC_Brown Coal	0	0	164	2834	3234	3634	5084	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564
	Brown Coal	SA_Brown Coal	0	0	0	0	0	272	272	272	272	272	272	272	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

Low

Capacity Krongart (MW)

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NQ	100	100	100	100	100	103	203	203	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	100	197	197	297	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	0	0	11	11	11	11	11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
New Capacity	CCGT	LV	94	249	595	3185	3727	4432	5544	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077	6077
New Capacity	CCGT	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827	827
New Capacity	CCGT	NNS	0	0	0	0	263	557	866	4173	4499	6160	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000
New Capacity	CCGT	SEQ	0	0	0	0	0	0	962	1120	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	40	1016	1092	1092	1568	2129	2372	2372	2372	2518	2767	3003	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267	3267
New Capacity	CCGT CCS	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	145	258	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491	491
New Capacity	CCGT CCS	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	900	1188	1476	1765	2997	3268	3541	3813	4085	4132	4163	4163	4163	4163	4163	4163	4163	4163	4163
New Capacity	Geothermal	CVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
New Capacity	Geothermal	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	750	750	750	750	750	750	750	750	750	750
New Capacity	Geothermal	NCEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	289	370	394	490	491	500	500	500	500	500	500	500
New Capacity	Geothermal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	170	170	170	370	380	380	380	380	541	541	550	750	750	750	750	750	750	750	750	750
New Capacity	Geothermal	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	156
New Capacity	Geothermal	SESA	0	0	0	0	0	0	0	0	0	0	0	53	82	282	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	OCGT	ADE	370	370	370	370	370	370	370	370	430	553	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561	561
New Capacity	OCGT	LV	410	410	410	410	410	410	795	1762	1959	2133	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	3033	3253	3487	3667	3703	3807	3822	3828	3828
New Capacity	OCGT	NCEN	0	0	0	0	0	0	0	0	0	0	221	787	1467	2462	3776	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309
New Capacity	OCGT	NSA	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
New Capacity	OCGT	SESA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31	81	130	227	228
New Capacity	Solar	CQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	415.1	457.2	460.7	502.8	545.6	561.9	604	646.1	688.9
New Capacity	Solar	NCEN	0	0	0	200	200	200	200	200	200	200	200	200	200	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800
New Capacity	Solar	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.9	213.9	376.6	575.6	775.6	975.6	1175.6	1375.6	1575.6	1775.6	1975.6	2175.6	2375.6	2575.6	2775.6	2975.6	3175.6
New Capacity	Solar	NQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400
New Capacity	Solar	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71.9	260	366.7	566.7	766.7	966.7
New Capacity	Solar	SWNSW	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.9	19.9	19.9	151.3	351.3	551.3	751.3	951.3	1138.2	1311.7	1464.9	1578.4
New Capacity	Wind	CAN	46.9	46.9	317.7	317.7	849	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1149.3	1249.8	1651	1651	1651	2453	2453	2453	2453	2453	2453	2453	2453	2453	2453	2453	2453
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	1450	1472	1472	1472	1499.6	1958.3	2208	2208	2208	2208	2208	2208	2208
New Capacity	Wind	LV	0	0	0	0	0	34.3	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
New Capacity	Wind	MEL	420	420	929.3	1186	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1238	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647	1647
New Capacity	Wind	NCEN	0	0	0	0	0	157	157	157	157	157	157	157	157	157	157	157	157	281.2	314	314	471	471	471	471	471	471	471	471	471	471	471	471
New Capacity	Wind	NNS	0	0	0	0	0	313	313	313	313	313	313	313	313	313	313	313	313	313	432.2	626	939	939	939	939	939	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	266	266	266	266
New Capacity	Wind	NSA	0	0	895	895	895	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1100.1	1210.2	1253.3	1333.6	1358.4	1358.4	1358.4	1408.3	1545.1	1723	1723	1723	1723	1723
New Capacity	Wind	SESA	0	0	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596	596
New Capacity	Wind	SWNSW	0	0	0	0	509	509	814	814	814	814	814	814	814	814	814	814	1018	1018	1018	1018	1527	1527	1527	1527	1527	1527	1527	1527	1527	1527	1527	1527
New Capacity	Wind	SWQ	0	0	0	0	44.7	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	532	532	532	532	532	532	532
New Capacity	Wind	TAS	0	0	787	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1
Retirement	Black Coal	CQ	0	0	0	0	350	700	1820	1820	1820	1820	1820	1820	1820	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380	2380
Retirement	Black Coal	NCEN	0	600	600	600	600	600	600	3620	3620	5000	6380	6380	6380	7040	9140	9860	9860	9860	9860	9860	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580
Retirement	Black Coal	NQ	0	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195	195
Retirement	Black Coal	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	856	856	856	856	856	856	856	856	856	856	856	856	856	856	856
Retirement	Brown Coal	LV	0	0	164	2834	3234	3634	5084	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564
Retirement	Brown Coal	NSA	0	0	0	0	0	272	272	272	272	272	272	272	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	100	100	100	100	100	103	203	203	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	40	1016	1092	1092	1568	2129	3334	3492	3572	3718	3967	4203	4467	5367	5655	5943	6232	7464	7735	8008	8280	8552	8599	8630	8630	8630	8630	8630	8630	8630	8630	8630
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	QLD_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	QLD_Solar	0	0	400	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	800	1000	1215.1	1457.2	1660.7	1902.8	2145.6	2361.9	2604	2846.1	3088.9
	Wind	QLD_Wind	0	0	0	0	44.7	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	133	532	532	532	798	798	798	798
	Biomass	NSW_Biomass	0	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	263	557	866	4173	4499	6160	7000	7000	7000	7000	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827	7827
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	289	370	394	490	491	500	500	500	500	500	500	500
	OCGT	NSW_OCGT	0	0	0	0	0	0	0	0	0	0	221	787	1467	2462	3776	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309	4309
	Solar	NSW_Solar	0	0	0	200	200	200	200	200	200	200	200	200	200	200	400	613.9	1013.9	1376.6	1775.6	2175.6	2595.5	2995.5	3395.5	3926.9	4526.9	5126.9	5726.9	6326.9	6913.8	7487.3	8040.5	8554
	Wind	NSW_Wind	46.9	46.9	317.7	317.7	1358	2128.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2433.3	2737.8	3263.2	3415.2	3609	5390	5390	5390	5390	5390	5390	5390	5390	5390	5390	5390	5390
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	94	249	595	3185	3727	4432	5544	6077	6077	6077	6077	6077	6077	6222	6335	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568	6568
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	400	600	800	1000	1200	1400	1600	1750	1750	1750	1750	1750	1750	1750	1750	1780	1906
	OCGT	VIC_OCGT	410	410	410	410	410	410	795	1762	1959	2133	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	2981	3033	3253	3487	3667	3703	3807	3822	3828	3828
	Solar	VIC_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	71.9	260	366.7	566.7	766.7	966.7
	Wind	VIC_Wind	420	420	1665.3	1922	1974	2008.3	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	2056	3179	3201	3201	3201	3228.6	3687.3	3937	3937	3937	3937	3937	3937	3937
	Biomass	SA_Biomass	0	0	0	0	100	197	197	297	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	SA_CCGT	0	0	0	0	0	11	11	11	11	11	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	Geothermal	SA_Geothermal	0	0	0	0	0	0	0	0	0	0	0	53	252	452	470	670	680	680	680	680	841	841	850	1050	1050	1050	1050	1050	1050	1050	1050	1050
	OCGT	SA_OCGT	628	628	628	628	628	628	628	628	688	811	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	850	900	949	1046	1047
	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1491	1491	1491	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1696.1	1806.2	1849.3	1929.6	1954.4	1954.4	1954.4	2004.3	2141.1	2319	2319	2319	2319	2319
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1	974.1

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	0	195	195	195	545	895	2015	2015	2015	2015	2015	2015	2015	2575	2575	2575	2575	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431	3431
	Black Coal	NSW_Black Coal	0	600	600	600	600	600	600	3620	3620	5000	6380	6380	6380	7040	9140	9860	9860	9860	9860	9860	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580	10580
	Brown Coal	VIC_Brown Coal	0	0	164	2834	3234	3634	5084	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564	6564
	Brown Coal	SA_Brown Coal	0	0	0	0	0	272	272	272	272	272	272	272	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

High

Capacity base (MW) high scenario

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NQ	100	200	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	0	0	0	92	104	127	159	159	159	159	259	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	Biomass	TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	200	215	215	300	300	300	300	300	300	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	25	25	25	25	135	135	135	604	604	604	604	760	1439	1439	1679	1990	2086	2261	2586	2586	2586	2586	2586	2586	2586	2586	2586	2586	2586
New Capacity	CCGT	LV	0	411	411	944	1611	2215	2762	3075	3483	3917	5011	5011	5011	5011	5011	6789	6789	6789	6789	6814	6923	9573	9573	9573	9573	9573	9573	9573	9573	9573	9573	9573
New Capacity	CCGT	MEL	0	0	0	0	0	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
New Capacity	CCGT	NCEN	0	0	0	0	0	0	0	0	0	0	347	651	1327	1934	2558	3235	3651	3651	3651	3651	3651	3651	3651	3651	3651	3651	3651	3651	3651	3651	3673	4186
New Capacity	CCGT	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	662	1094	1768	2348	2908	2908	4126	4779	5487	6048	6048	6048	6048	6048	6048
New Capacity	CCGT	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	274	341
New Capacity	CCGT	SEQ	0	136	136	386	991	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	0	0	0	0	0	474	1812	2174	2953	3981	4718	6264	6299	7249	7958	8930	9988	10608	10608	10753	11286	11906	13504	13504	13504	14307	14973	16234	17035	17035	17035	18529
New Capacity	Geothermal	NSA	0	0	0	0	0	150	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	394	394	394	550	750	750	750	750	750
New Capacity	Geothermal	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	278	278	278	278	278	300	500	500	500	500	500
New Capacity	Geothermal	SESA	0	0	0	0	0	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
New Capacity	Geothermal	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	300	300	500
New Capacity	OCGT	ADE	555	555	857	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118
New Capacity	OCGT	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	983	983	983	983	983	1971	1971	1971	1971	1971	1971
New Capacity	OCGT	MEL	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806
New Capacity	OCGT	NCEN	0	753	1056	1399	1612	1858	1898	2632	2957	2957	3075	3445	3445	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3607	4958
New Capacity	OCGT	NSA	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
New Capacity	OCGT	SEQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600	600	600	900	900	900	1500	1500	1500	1500	1500	1500
New Capacity	OCGT	SWQ	309	908	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1793	1793	1793	1793	1793	1793	2393	2393	2393	2393	2393	2393	4193
New Capacity	OCGT	TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300	300	300	300	300	300	300	300
New Capacity	Solar	CQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
New Capacity	Solar	NQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
New Capacity	Solar	NVIC	0	0	0	197.4	197.4	197.4	197.4	197.4	197.4	197.4	197.4	197.4	397.4	597.4	797.4	997.4	1197.4	1397.4	1597.4	1797.4	1997.4	2197.4	2397.4	2597.4	2797.4	2997.4	3197.4	3397.4	3597.4	3797.4	3997.4	4197.4
New Capacity	Wind	CAN	46.9	46.9	460.5	460.5	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	1651	1651	1651	1651	1651	2453	2453	2453	2453	2453
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208
New Capacity	Wind	LV	0	0	0	0	0	0	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	95.4	246	246	246	246	246	246	246	246	246	246	246
New Capacity	Wind	MEL	420	420	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	841.5	841.5	841.5	841.5	841.5	1238	1647	1647	1647	1647	1647
New Capacity	Wind	NCEN	0	0	0	0	0	157	314	314	314	314	314	314	314	314	314	314	314	314	314	314	471	471	471	471	471	471	471	471	471	471	471	471
New Capacity	Wind	NNS	0	0	0	0	0	313	313	313	313	313	313	313	313	313	313	313	313	313	939	939	939	939	939	939	939	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	56.7	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	798
New Capacity	Wind	NSA	0	0	895	1019.7	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1890.4	1890.4	1890.4	1890.4	1890.4	2373.6	2373.6	2373.6	2373.6	2373.6	2373.6
New Capacity	Wind	SESA	0	0	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	299	375.9	429.4	429.4	429.4	429.4	429.4	596	596
New Capacity	Wind	SWNSW	0	49.7	509	509	509	509	534	534	534	534	534	534	534	534	534	534	534	534	534	534	534	534	709.4	709.4	709.4	709.4	709.4	1527	1527	1527	1527	1527
New Capacity	Wind	SWQ	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	265	265	265	265	265	265	798	798	798	798	798	798	798	798	798	798
New Capacity	Wind	TAS	0	0	787	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1572.4	1574	1574	1574	1574	1974	1974	1974
Retirement	Black Coal	NCEN	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2145	2660	2660	3620	3620
Retirement	Black Coal	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96	96	96	96	96	195	195	195
Retirement	Brown Coal	LV	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1764	1764	1764	1764	1764	2124	2124	2124	2124	2124	4394	4919	5444	5444	5444	5444	5444	5444	5444	5444	5444
Retirement	Brown Coal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	100	200	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	0	136	136	386	991	1674	3012	3374	4153	5181	5918	7464	7499	8449	9158	10130	11188	11808	11808	11953	12486	13106	14704	14704	14704	15507	16173	17434	18235	18235	18235	19729
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	300	300	500
	OCGT	QLD_OCGT	309	908	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1793	2393	2393	2393	2693	2693	3293	3893	3893	3893	3893	3893	5693
	Solar	QLD_Solar	0	0	400	800	800	800	800	800	800	800	800	800	800	800	800	800	1200	1600	2000	2400	2800	3200	3600	4000	4400	4800	5200	5600	6000	6400	6800	7200
	Wind	QLD_Wind	0	0	133	133	189.7	399	399	399	399	399	399	399	399	399	399	399	531	531	531	531	531	531	1064	1064	1064	1064	1064	1064	1064	1064	1064	1596
	Biomass	NSW_Biomass	0	0	0	0	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	0	0	0	0	0	0	347	651	1327	1934	2558	3235	3651	4313	4745	5419	5999	6559	6559	7777	8430	9138	9699	9699	9699	9699	9721	10234
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	NSW_OCGT	0	753	1056	1399	1612	1858	1898	2632	2957	2957	3075	3445	3445	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3542	3607	4958
	Solar	NSW_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	NSW_Wind	46.9	96.6	969.5	969.5	1358	1828	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2010	2636	2636	2793	2793	3770.4	3770.4	3770.4	3770.4	3770.4	5390	5390	5390	5390	5390
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	0	411	411	944	1611	2234	2781	3094	3502	3936	5030	5030	5030	5030	5030	6808	6808	6808	6808	6833	6942	9592	9592	9592	9592	9592	9592	9592	9592	9592	9866	9933
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	78	278	278	278	278	278	300	500	500	500	500	500
	OCGT	VIC_OCGT	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	806	1789	1789	1789	1789	1789	2777	2777	2777	2777	2777	2777
	Solar	VIC_Solar	0	0	0	197.4	197.4	197.4	197.4	197.4	197.4	197.4	197.4	197.4	397.4	597.4	797.4	997.4	1197.4	1397.4	1597.4	1797.4	1997.4	2197.4	2397.4	2597.4	2797.4	2997.4	3197.4	3397.4	3597.4	3797.4	3997.4	4197.4
	Wind	VIC_Wind	420	420	1565	1565	1565	1565	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1572.9	1660.4	3295.5	3295.5	3295.5	3295.5	3295.5	3692	4101	4101	4101	4101	4101
	Biomass	SA_Biomass	0	0	0	0	0	0	0	92	104	127	159	159	159	159	259	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	SA_CCGT	0	0	0	25	25	25	25	135	135	135	604	604	604	604	760	1439	1439	1679	1990	2086	2261	2586	2586	2586	2586	2586	2586	2586	2586	2586	2586	2586
	Geothermal	SA_Geothermal	0	0	0	0	0	200	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	290	444	444	444	600	800	800	800	800	800
	OCGT	SA_OCGT	813	813	1115	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376	1376
	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1194	1318.7	2089	2089	2089	2089	2089	2089	2089	2089	2089	2089	2089	2089	2089	2089	2089	2089	2089	2189.4	2189.4	2189.4	2266.3	2319.8	2803	2803	2803	2803	2969.6	2969.6
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	200	215	215	300	300	300	300	300	300	300	300	300	300
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300	300	300	300	300	300	300	300
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1572.4	1574	1574	1574	1574	1974	1974	1974

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96	96	96	96	96	195	195	195
	Black Coal	NSW_Black Coal	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2145	2660	2660	3620	3620
	Brown Coal	VIC_Brown Coal	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1764	1764	1764	1764	1764	2124	2124	2124	2124	2124	4394	4919	5444	5444	5444	5444	5444	5444	5444	5444	5444
	Brown Coal	SA_Brown Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

High

Capacity Split132+sc+HYTx (MW this expansion plan was used for all options except Option 3 and the control scheme)

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NQ	100	200	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	0	0	0	95	195	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	Biomass	TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	200	217	217	300	300	300	300	300	300	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	25	25	25	25	25	25	25	143	143	143	143	268	922	922	922	922	1424	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540
New Capacity	CCGT	LV	63	414	414	893	1056	1056	1552	1972	2290	2760	4172	4172	4172	4172	4251	6152	6152	6152	6152	6152	6318	8922	8922	8922	8922	8922	8922	8922	8922	8922	8922	8922
New Capacity	CCGT	MEL	0	0	0	0	509	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132	1132
New Capacity	CCGT	NCEN	0	0	0	0	0	0	0	0	0	0	411	742	1414	2100	2723	3399	3820	3820	3820	3820	3820	3820	3820	3820	3820	3820	3820	3820	3820	3820	3820	4245
New Capacity	CCGT	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	658	1009	1684	2268	2823	2823	4041	4691	5401	5953	5970	7024	7024	7024	7024
New Capacity	CCGT	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	286	344
New Capacity	CCGT	SEQ	0	137	137	387	1038	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	0	0	0	0	0	475	1830	2175	2956	3967	4719	6275	6299	7294	8001	8931	9989	10609	10609	10754	11287	11907	13505	13505	13505	14308	14974	16234	17036	17036	17036	18529
New Capacity	Geothermal	NSA	0	0	0	0	0	0	46	46	46	46	46	46	46	46	46	46	46	170	170	170	170	170	185	185	185	376	576	750	750	750	750	750
New Capacity	Geothermal	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	279	279	279	279	279	300	500	500	500	500	500
New Capacity	Geothermal	SESA	0	0	0	0	0	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	Geothermal	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	300	300	500

New Capacity	OCGT	ADE	555	555	902	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266	1266
New Capacity	OCGT	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1122	1122	1122	1122	1122	2264	6277	6277	6277	6277	6390
New Capacity	OCGT	MEL	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744
New Capacity	OCGT	NCEN	0	812	1084	1411	1572	1862	1968	2649	2971	2971	3092	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3506	4942
New Capacity	OCGT	NSA	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
New Capacity	OCGT	SEQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600	600	600	900	900	900	1500	1500	1500	1500	1500	1500
New Capacity	OCGT	SWQ	309	907	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1792	1792	1792	1792	1792	1792	2392	2392	2392	2392	2392	2392	4193
New Capacity	OCGT	TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300	300	300	300	300	300	300	300
New Capacity	Solar	CQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
New Capacity	Solar	NQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
New Capacity	Solar	NVIC	0	0	0	147.1	147.1	147.1	147.1	147.1	147.1	147.1	147.1	147.1	347.1	547.1	747.1	947.1	1147.1	1347.1	1547.1	1747.1	1947.1	2147.1	2347.1	2547.1	2747.1	2947.1	3147.1	3347.1	3547.1	3747.1	3947.1	4147.1
New Capacity	Wind	CAN	46.9	46.9	151.5	323.1	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	848.9	1650.9	1650.9	1650.9	1650.9	1650.9	2452.9	2452.9	2452.9	2452.9	2452.9
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208
New Capacity	Wind	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	246	246	246	246	246	246	246	246	246	246	246
New Capacity	Wind	MEL	420	420	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	1238	1647	1647	1647	1647	1647
New Capacity	Wind	NCEN	0	0	0	0	0	114.4	157	157	157	157	157	157	157	157	157	157	157	157	314	314	471	471	471	471	471	471	471	471	471	471	471	471
New Capacity	Wind	NNS	0	0	0	0	0	313	313	313	313	313	313	313	313	313	313	313	313	313	939	939	939	939	939	939	939	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	0	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	798
New Capacity	Wind	NSA	0	0	895	955.8	1639	1639	1639	1639	1639	1639	1639	1639	1639	1639	1639	1639	1639	1639	1639	1790	1790	2617.6	2617.6	2617.6	2617.6	2617.6	2685	2685	2685	2685	2685	2685
New Capacity	Wind	SESA	0	0	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	584.2	596	596	596	596	596	596	596	596	596	1137.6
New Capacity	Wind	SWNSW	0	48.8	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	509	702.4	702.4	702.4	702.4	702.4	1527	1527	1527	1527	1527
New Capacity	Wind	SWQ	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	265	265	265	265	265	265	798	798	798	798	798	798	798	798	798	798
New Capacity	Wind	TAS	0	0	787	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1187	1187	1480.1	1574	1574	1574	1574	1974	1974	1974
Retirement	Black Coal	NCEN	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2145	2660	2660	3620	3620
Retirement	Black Coal	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96	96	96	96	96	195	195	195
Retirement	Brown Coal	LV	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1764	1764	1764	1764	1764	2124	2124	2124	2124	2124	4394	4919	5444	5444	5444	5444	5444	5444	5444	5444	5444
Retirement	Brown Coal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

New builds by Type & State

New build	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Biomass	QLD_Biomass	100	200	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	0	137	137	387	1038	1675	3030	3375	4156	5167	5919	7475	7499	8494	9201	10131	11189	11809	11809	11954	12487	13107	14705	14705	14705	15508	16174	17434	18236	18236	18236	19729
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	300	300	500
	OCGT	QLD_OCGT	309	907	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1192	1792	2392	2392	2392	2692	2692	3292	3892	3892	3892	3892	3892	5693
	Solar	QLD_Solar	0	0	400	800	800	800	800	800	800	800	800	800	800	800	800	800	1200	1600	2000	2400	2800	3200	3600	4000	4400	4800	5200	5600	6000	6400	6800	7200
	Wind	QLD_Wind	0	0	133	133	133	399	399	399	399	399	399	399	399	399	399	399	531	531	531	531	531	531	1064	1064	1064	1064	1064	1064	1064	1064	1064	1596
	Biomass	NSW_Biomass	0	0	0	0	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	0	0	0	0	0	0	411	742	1414	2100	2723	3399	3820	4478	4829	5504	6088	6643	6643	7861	8511	9221	9773	9790	10844	10844	10844	11269
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	NSW_OCGT	0	812	1084	1411	1572	1862	1968	2649	2971	2971	3092	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3506	4942
	Solar	NSW_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	NSW_Wind	46.9	95.7	660.5	832.1	1357.9	1785.3	1827.9	1827.9	1827.9	1827.9	1827.9	1827.9	1827.9	1827.9	1827.9	1827.9	1827.9	1827.9	2610.9	2610.9	2767.9	2767.9	3763.3	3763.3	3763.3	3763.3	3763.3	5389.9	5389.9	5389.9	5389.9	5389.9
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	63	414	414	893	1565	2188	2684	3104	3422	3892	5304	5304	5304	5304	5383	7284	7284	7284	7284	7284	7450	10054	10054	10054	10054	10054	10054	10054	10054	10054	10340	10398
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	79	279	279	279	279	279	300	500	500	500	500	500
	OCGT	VIC_OCGT	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	744	1866	1866	1866	1866	1866	3008	7021	7021	7021	7021	7134
	Solar	VIC_Solar	0	0	0	147.1	147.1	147.1	147.1	147.1	147.1	147.1	147.1	147.1	347.1	547.1	747.1	947.1	1147.1	1347.1	1547.1	1747.1	1947.1	2147.1	2347.1	2547.1	2747.1	2947.1	3147.1	3347.1	3547.1	3747.1	3947.1	4147.1
	Wind	VIC_Wind	420	420	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1648	3283	3283	3283	3283	3283	3692	4101	4101	4101	4101	4101
	Biomass	SA_Biomass	0	0	0	0	0	0	0	95	195	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	SA_CCGT	0	0	0	25	25	25	25	25	25	25	143	143	143	143	268	922	922	922	922	1424	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540	1540
	Geothermal	SA_Geothermal	0	0	0	0	0	200	346	346	346	346	346	346	346	346	346	346	346	470	470	470	470	470	485	485	485	676	876	1050	1050	1050	1050	1050
	OCGT	SA_OCGT	813	813	1160	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524
	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1479.2	1540	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2223.2	2374.2	2374.2	3201.8	3213.6	3213.6	3213.6	3213.6	3281	3281	3281	3281	3281	3822.6
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	200	217	217	300	300	300	300	300	300	300	300	300	300
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300	300	300	300	300	300	300	300
	Solar	TAS_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1126.9	1187	1187	1480.1	1574	1574	1574	1574	1974	1974	1974

Retirements by Type & State

Retirements	GenerationType	Region	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
	Black Coal	QLD_Black Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96	96	96	96	96	195	195	195
	Black Coal	NSW_Black Coal	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2145	2660	2660	3620	3620
	Brown Coal	VIC_Brown Coal	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1764	1764	1764	1764	1764	2124	2124	2124	2124	2124	4394	4919	5444	5444	5444	5444	5444	5444	5444	5444	5444
	Brown Coal	SA_Brown Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

High

Capacity Krongart(MW)

Sub Regional Build & Retirement Information

Type	GenerationType	Zone	1314	1415	1516	1617	1718	1819	1920	2021	2122	2223	2324	2425	2526	2627	2728	2829	2930	3031	3132	3233	3334	3435	3536	3637	3738	3839	3940	4041	4142	4243	4344	4445
New Capacity	Biomass	CAN	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NCEN	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NNS	0	0	0	0	0	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
New Capacity	Biomass	NQ	100	200	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
New Capacity	Biomass	SESA	0	0	0	0	0	0	0	89	101	118	218	218	218	220	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	Biomass	TAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	200	219	219	300	300	300	300	300	300	300	300	300	300
New Capacity	CCGT	ADE	0	0	0	25	25	25	25	126	126	126	268	268	268	268	268	803	803	803	803	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118
New Capacity	CCGT	LV	0	403	403	962	1190	1190	1658	1983	2392	2831	4180	4180	4180	4180	4357	6320	6320	6320	6320	6607	6607	9206	9206	9206	9206	9206	9206	9206	9206	9206	9206	9206
New Capacity	CCGT	MEL	0	0	0	0	442	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064	1064
New Capacity	CCGT	NCEN	0	0	0	0	0	0	0	0	0	0	355	837	1563	2249	2871	3544	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	4339
New Capacity	CCGT	NNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	656	1081	1751	2333	2892	2892	4109	4750	5457	5995	5995	5995	5995	5995	5995
New Capacity	CCGT	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	27	285	342
New Capacity	CCGT	SEQ	0	136	136	386	983	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
New Capacity	CCGT	SWQ	0	0	0	0	0	474	1805	2174	3051	4080	4718	6298	6298	7271	7979	8930	9988	10608	10608	10753	11286	11906	13504	13504	13504	14307	14973	16234	17004	17004	17004	18529
New Capacity	Geothermal	NSA	0	0	0	0	0	39	101	101	101	101	101	101	101	101	101	101	101	170	170	170	170	370	370	370	370	370	570	656	656	656	656	750
New Capacity	Geothermal	NVIC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	252	252	252	252	252	300	500	500	500	500	500
New Capacity	Geothermal	SESA	0	0	0	0	0	161	274	274	274	274	274	274	274	274	274	274	274	274	274	274	300	300	300	300	300	300	300	300	300	300	300	300
New Capacity	Geothermal	SWQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	300	300	500
New Capacity	OCGT	ADE	451	555	773	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031	1031
New Capacity	OCGT	MEL	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	2236	2236	2236	2236	2236	3590	3590	3590	3590	3590	3590
New Capacity	OCGT	NCEN	0	657	1042	1395	1612	1851	1960	2642	2870	2870	3127	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3467	4915
New Capacity	OCGT	NSA	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
New Capacity	OCGT	SEQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600	600	600	900	900	900	1500	1500	1500	1500	1500	1500
New Capacity	OCGT	SWQ	309	908	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1793	1793	1793	1793	1793	1793	2393	2393	2393	2430	2430	2430	4193
New Capacity	Solar	CQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
New Capacity	Solar	NQ	0	0	200	400	400	400	400	400	400	400	400	400	400	400	400	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600
New Capacity	Solar	NVIC	0	0	0	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.9	359.9	559.9	759.9	959.9	1159.9	1359.9	1559.9	1759.9	1959.9	2159.9	2359.9	2559.9	2759.9	2959.9	3159.9	3359.9	3559.9	3759.9	3959.9	4159.9
New Capacity	Wind	CAN	46.9	46.9	495.1	495.1	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	849	1651	1651	1651	1651	1651	2453	2453	2453	2453	2453
New Capacity	Wind	CVIC	0	0	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208	2208
New Capacity	Wind	LV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83	246	246	246	246	246	246	246	246	246	246	246
New Capacity	Wind	MEL	420	420	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	829	1238	1647	1647	1647	1647	1647
New Capacity	Wind	NCEN	0	0	0	0	0	213.2	213.2	213.2	213.2	213.2	213.2	213.2	213.2	213.2	213.2	213.2	213.2	213.2	314	314	471	471	471	471	471	471	471	471	471	471	471	471
New Capacity	Wind	NNS	0	0	0	0	0	313	313	313	313	313	313	313	313	313	313	313	313	313	939	939	939	939	939	939	939	939	939	939	939	939	939	939
New Capacity	Wind	NQ	0	0	0	0	136.5	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	266	798
New Capacity	Wind	NSA	0	0	903.4	1060.2	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1790	1807.6	2558.1	2685	2685	2685	2685	2685	2685	2685	2685	2685	2685	2685
New Capacity	Wind	SESA	0	0	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	596	596	596	596	1192	1192	1192	1192	1788	1788	1788
New Capacity	Wind	SWNSW	0	51.3	509	509	509	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	529.4	659.9	659.9	659.9	659.9	659.9	1527	1527	1527	1527	1527
New Capacity	Wind	SWQ	0	0	133	133	133	133	133	133	133	133	133	133	133	133	133	133	265	265	265	265	265	265	798	798	798	798	798	798	798	798	798	798

New Capacity	Wind	TAS	0	0	787	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1507.5	1574	1574	1574	1574	1674.6	1674.9	1974
Retirement	Black Coal	NCEN	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2145	2660	2660	3620	3620
Retirement	Black Coal	NQ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96	96	96	96	96	195	195	195
Retirement	Brown Coal	LV	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1764	1764	1764	1764	1764	2124	2124	2124	2124	2124	4394	4919	5444	5444	5444	5444	5444	5444	5444	5444
Retirement	Brown Coal	NSA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544
New builds by Type & State																																	
New build	**GenerationType**	**Region**	**1314**	**1415**	**1516**	**161**	**1 18**	**1819**	**1920**	**2021**	**2122**	**2223**	**2324**	**2425**	**2526**	**262**	**2 28**	**2829**	**2930**	**3031**	**3132**	**3233**	**3334**	**3435**	**3536**	**363**	**3 38**	**3839**	**3940**	**4041**	**4142**	**4243**	**4344**	**4445**
	Biomass	QLD_Biomass	100	200	300	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
	CCGT	QLD_CCGT	0	136	136	386	983	1674	3005	3374	4251	5280	5918	7498	7498	8471	9179	10130	11188	11808	11808	11953	12486	13106	14704	14704	14704	15507	16173	17434	18204	18204	18204	19729
	Geothermal	QLD_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	300	300	300	500
	OCGT	QLD_OCGT	309	908	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1193	1793	2393	2393	2393	2693	2693	3293	3893	3893	3930	3930	3930	5693
	Solar	QLD_Solar	0	0	400	800	800	800	800	800	800	800	800	800	800	800	800	800	1200	1600	2000	2400	2800	3200	3600	4000	4400	4800	5200	5600	6000	6400	6800	7200
	Wind	QLD_Wind	0	0	133	133	269.5	399	399	399	399	399	399	399	399	399	399	399	531	531	531	531	531	531	1064	1064	1064	1064	1064	1064	1064	1064	1064	1596
	Biomass	NSW_Biomass	0	0	0	0	100	200	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	NSW_CCGT	0	0	0	0	0	0	0	0	0	0	355	837	1563	2249	2871	3544	3922	4578	5003	5673	6255	6814	6814	8031	8672	9379	9917	9917	9917	9917	9917	10334
	Geothermal	NSW_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	NSW_OCGT	0	657	1042	1395	1612	1851	1960	2642	2870	2870	3127	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3220	3467	4915
	Solar	NSW_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	NSW_Wind	46.9	98.2	1004.1	1004.1	1358	1904.6	1904.6	1904.6	1904.6	1904.6	1904.6	1904.6	1904.6	1904.6	1904.6	1904.6	1904.6	1904.6	2631.4	2631.4	2788.4	2788.4	3720.9	3720.9	3720.9	3720.9	3720.9	5390	5390	5390	5390	5390
	Biomass	VIC_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	CCGT	VIC_CCGT	0	403	403	962	1632	2254	2722	3047	3456	3895	5244	5244	5244	5244	5421	7384	7384	7384	7384	7671	7671	10270	10270	10270	10270	10270	10270	10270	10270	10297	10555	10612
	Geothermal	VIC_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	252	252	252	252	252	300	500	500	500	500	500
	OCGT	VIC_OCGT	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	910	2236	2236	2236	2236	2236	3590	3590	3590	3590	3590	3590
	Solar	VIC_Solar	0	0	0	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.9	159.9	359.9	559.9	759.9	959.9	1159.9	1359.9	1559.9	1759.9	1959.9	2159.9	2359.9	2559.9	2759.9	2959.9	3159.9	3359.9	3559.9	3759.9	3959.9	4159.9
	Wind	VIC_Wind	420	420	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1565	1648	3283	3283	3283	3283	3283	3692	4101	4101	4101	4101	4101
	Biomass	SA_Biomass	0	0	0	0	0	0	0	89	101	118	218	218	218	220	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300
	CCGT	SA_CCGT	0	0	0	25	25	25	25	126	126	126	268	268	268	268	268	803	803	803	803	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118	1118
	Geothermal	SA_Geothermal	0	0	0	0	0	200	375	375	375	375	375	375	375	375	375	375	375	444	444	444	470	670	670	670	670	670	870	956	956	956	956	1050
	OCGT	SA_OCGT	709	813	1031	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289	1289
	Solar	SA_Solar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	SA_Wind	0	0	1162.4	1319.2	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2049	2066.6	2817.1	3281	3281	3281	3281	3877	3877	3877	3877	4473	4473	4473
	Biomass	TAS_Biomass	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	200	219	219	300	300	300	300	300	300	300	300	300	300
	CCGT	TAS_CCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Geothermal	TAS_Geothermal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	OCGT	TAS_OCGT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Solar	TAS_So ar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Wind	TAS_Wind	0	0	787	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1187	1507.5	1574	1574	1574	1574	1674.6	1674.9	1974
Retirements by Type & State																																	
Retirements	**GenerationType**	**Region**	**1314**	**1415**	**1516**	**1617**	**1718**	**1819**	**1920**	**2021**	**2122**	**2223**	**2324**	**2425**	**2526**	**2627**	**2728**	**2829**	**2930**	**3031**	**3132**	**3233**	**3334**	**3435**	**3536**	**3637**	**3738**	**3839**	**3940**	**4041**	**4142**	**4243**	**4344**	**4445**
	Black Coal	QLD_Black Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	96	96	96	96	96	195	195	195
	Black Coal	NSW_Black Coal	0	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	600	2145	2660	2660	3620	3620
	Brown Coal	VIC_Brown Coal	0	0	0	400	800	1200	1600	1600	1600	1600	1600	1764	1764	1764	1764	1764	2124	2124	2124	2124	2124	4394	4919	5444	5444	5444	5444	5444	5444	5444	5444	5444
	Brown Coal	SA_Brown Coal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	544	544	544	544	544	544	544	544	544	544	544	544	544	544	544

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