

AGL COAL POWER PLANT EMISSIONS

BAYSWATER POWER STATION

ELETRICITY PRODUCTION (Mwh)	2011/12	2012/13	2013/14	2014/15
	N/A	16594708	15528142	17092047

POLLUTANT (Kg)	2011/12	2012/13	2013/14	2014/15	1 year change	3 year change
Sulfur dioxide	73,000,000	63,000,000	59,000,000	76,000,000	28.814%	4%
Oxides of nitrogen	43,000,000	38,000,000	42,000,000	50,000,000	19%	16%
Hydrochloric acid	700,000	900,000	920,000	1,800,000	96%	157%
Particulate matter 2.5	330,000	520,000	130,000	240,000	85%	-27%
Particulate matter 10	430,000	930,000	860,000	1,000,000	16%	133%
Mercury and compounds	43	41	210	240	14%	458%

EMISSIONS INTENSITY (Kg/Mwh)	2011/12	2012/13	2013/14	2014/15	1 year change
Sulfur dioxide		3.796	3.79955	4.44651	17.02725%
Oxides of nitrogen		2.290	2.70477	2.92534	8.15488%
Hydrochloric acid		0.054	0.05925	0.10531	77.75020%
Particulate matter 2.5		0.031	0.00837	0.01400	67.22614%
Particulate matter 10		0.056	0.05538	0.05851	5.63965%
Mercury and compounds		0.0000025	0.00001	0.00001	3.82869%

LIDDELL POWER STATION

ELETRICITY PRODUCTION (Mwh)	2011/12	2012/13	2013/14	2014/15
	N/A	6577922	7366312	8069108

POLLUTANT (Kg)	2011/12	2012/13	2013/14	2014/15	1 year change	3 year change
Sulfur dioxide	39,000,000	30,000,000	27,000,000	31,000,000	15%	-21%
Oxides of nitrogen	22,000,000	15,000,000	18,000,000	18,000,000	0%	-18%
Hydrochloric acid	86,000	50,000	57,000	77,000	35%	-10%
Particulate matter 2.5	490,000	160,000	140,000	160,000	14%	-67%
Particulate matter 10	860,000	290,000	460,000	500,000	9%	-42%
Mercury and compounds	49	21	29	6	-80%	-88%

EMISSIONS INTENSITY (Kg/Mwh)	2011/12	2012/13	2013/14	2014/15	
Sulfur dioxide		4.561	3.665	3.842	5%
Oxides of nitrogen		2.280	2.444	2.231	-9%
Hydrochloric acid		0.008	0.008	0.010	23%
Particulate matter 2.5		0.024	0.019	0.020	4%
Particulate matter 10		0.044	0.062	0.062	-1%
Mercury and compounds		0.0000032	0.0000039	0.0000007	-82%

LOY YANG A POWER STATION

	2011/12	2012/13	2013/14	2014/15
ELETRICITY PRODUCTION (Mwh)	N/A	16269913	16100618	16227710

POLLUTANT (Kg)	2011/12	2012/13	2013/14	2014/15	1 year change	3 year change
Sulfur dioxide	56,000,000	49,000,000	60,000,000	60,000,000	0%	7%
Oxides of nitrogen	22,000,000	24,000,000	23,000,000	23,000,000	0%	5%
Hydrochloric acid	9,600,000	8,900,000	8,800,000	8,800,000	0%	-8%
Particulate matter 2.5	1,800,000	1,700,000	1,400,000	590,000	-58%	-67%
Particulate matter 10	3,700,000	3,400,000	3,000,000	3,200,000	7%	-14%
Mercury and compounds	200	190	370	180	-51%	-10%

EMISSIONS INTENSITY (Kg/Mwh)	2011/12	2012/13	2013/14	2014/15	1 year change
Sulfur dioxide		3.012	3.727	3.697	-1%
Oxides of nitrogen		1.475	1.429	1.417	-1%
Hydrochloric acid		0.547	0.547	0.542	-1%
Particulate matter 2.5		0.104	0.087	0.036	-58%
Particulate matter 10		0.209	0.186	0.197	6%
Mercury and compounds		0.0000117	0.0000230	0.0000111	-52%

DATA SOURCES

Electricity production data is sourced from the National Greenhouse and Energy Reporting (NGER) - <http://www.cleanenergyregulator.gov.au/NGER>

Pollution emission data is sourced from the National Pollutant Inventory (NPI) - <http://www.npi.gov.au/>

Note: AGL has owned the Liddell and Bayswater power stations since September 2014.