

## Ballarat Health Services Carbon Emissions for the Financial Year 2014-2015

### Inventory Boundaries

Ballarat Health Services includes all emissions from or relating to the buildings listed in table 1. Excluded from this list are Business Unit related activities specifically Eureka Linen and Safety Link, which will be reported separately. In both of these cases these business units are located in separate facilities. Where the business units supply services back to Ballarat Health Services, such as the linen service, these emissions will be reported as Ballarat Health Services Scope 3 emissions.

Table 1

Base Hospital	Drummond St Ballarat
Queen Elizabeth Centre	Ascot St Ballarat
Midlands Site	Norman St Ballarat
Wendouree Site	Gillies St Wendouree
Sebastopol Site	Morgan St Sebastopol
Eureka Site	Balmoral Court Ballarat
Other Sites	a combination of several small sites

Ballarat Health Services Carbon emissions 2014-2015									
Emission Source	Consumption units	Consumption	CO <sub>2</sub> -e (tonnes)	Proportion of inventory (%)	2010-2011 CO <sub>2</sub> -e (tonnes)	2011-2012 CO <sub>2</sub> -e (tonnes)	2012-2013 CO <sub>2</sub> -e (tonnes)	2013-2014 CO <sub>2</sub> -e (tonnes)	% difference from previous year
<b>Direct emissions (Scope 1)</b>									
Natural Gas	GJ	88030.73	4518.62	18.62	4634.68	4835.36	4776.40	4968.52	-9.96%
Petrol for vehicles (estimated)	kL	188.04	447.59	1.84	619.95	497.78	420.09	501.66	-12.08%
Diesel for vehicles	kL	46.64	125.85	0.52	102.26	98.43	110.20	138.55	-10.09%
Stationary diesel	kL	45.05	120.86	0.50	26.34	21.47	68.33	69.29	42.66%
LPG for Vehicles	kL	2.70	4.16	0.02	0.00	0.00	0	7.85	-88.55%
<b>Total Scope 1</b>			<b>5217.08</b>	<b>21.50</b>	<b>5383.24</b>	<b>5453.04</b>	<b>5375.02</b>	<b>5678.02</b>	<b>-8.84%</b>
<b>Direct emissions (Scope 2)</b>									
Electricity Peak		8473042.833	10252.38	42.24	9038.60	9396.04	10185.68	10609.52	-3.48%
Electricity Off Peak		7272945.95	8800.26	36.26	7157.46	7439.84	8068.08	8473.03	3.72%
Purchased Electricity	kWh	15745988.78	19052.65	78.50	16196.06	16835.87	18253.75	19082.55	-0.16%
<b>Total Scope 2</b>			<b>19052.65</b>	<b>78.50</b>	<b>16196.06</b>	<b>16835.87</b>	<b>18253.75</b>	<b>19082.55</b>	<b>-0.16%</b>
<b>Net emissions</b>			<b>24269.73</b>		<b>21753.58</b>	<b>22288.92</b>	<b>23628.77</b>	<b>24760.57</b>	
<b>% increase over previous year</b>			<b>-2.02%</b>			<b>3.18%</b>	<b>5.67%</b>	<b>4.57%</b>	
<b>Floor area</b>	m <sup>2</sup>	<b>105552</b>							
<b>Emissions</b>			<b>0.2299</b>	<b>tCO<sub>2</sub>-e/m<sup>2</sup></b>	<b>0.2261</b>	<b>0.2318</b>	<b>0.2313</b>	<b>0.2346</b>	
<b>% increase over previous year</b>			<b>-2.02%</b>			<b>3.18%</b>	<b>-0.21%</b>	<b>1.40%</b>	