

## PUBLIC REPORT TEMPLATE 2011

Please note that this template has been updated based on feedback from a number of Corporations during the recent review of regulations. It is not compulsory for you to use this Public Report template. You may wish to continue to use the previous template, or you may report in another format of your choice. Either is acceptable provided you report all the information required by the EEO Act and Regulations.

There is an explanatory document at pages 5-14 of this template that fully explains how to complete it. There is also some targeted guidance on the template itself.

### Part 1 - Corporation Details

#### Controlling Corporation

Period to which this report relates

Insert the name of the Controlling Corporation exactly as it is registered with the EEO Program. The period to which the report relates is the total period of participation up to 30 June prior to when the report is due.

St Vincent's Health Australia Limited

From

1 July 2009

To

30 June 2011

#### Table 1.1 - Major Changes to Corporate Group Structure or Operations

##### Table 1.1 – Major Changes to Corporate Group Structure or Operations

There have been a number of changes to the corporate structure of St Vincent's Health Australia (SVHA) over the period of this report, however, materially these have had minimal impact on the overall operations of the Group as the sites that have been purchased have been sites over which SVHA has previously had operational control. In reviewing our scope of operations under NGENRS, we have added a number of small sites which represented a very small proportion of our overall energy profile (0.02%) and had a non-material effect. Growth in our energy profile over the term of this report has been shown to be primarily driven by increases in operational activity and organic growth.

**Table 1.2 – Aggregate energy assessed covered in this report**

<b>Total energy use covered by all assessments in this report</b>	<b>8,401</b>	<b>GJ</b>
<b>Total energy assessed as percentage of total energy use of the corporate group**</b>	<b>1.303</b>	<b>%</b>


\* If this report covers only part of the corporate group, then the percentage should be computed on the total energy use for that part of the group covered in this report

# Please note that corporations are required to assess 80% or more of their energy use in the first five-year assessment cycle and 90% or more in subsequent five-year assessment cycles. Accordingly, for those corporations with a 2005-06 trigger year (i.e. those corporations at the end of their first-five year assessment cycle), the value in "Percentage of corporation's energy use assessed" above, must be more than 80%.

**Declaration**

**Declaration of accuracy and compliance**

The information included in this report has been reviewed and noted by the board of directors and is to the best of my knowledge, correct and in accordance with the *Energy Efficiency Opportunities Act 2006* and *Energy Efficiency Opportunities Regulations 2006*.

  
 Dr Tracey Batten  
 Chief Executive Officers  
 St Vincent's Health Australia Limited  
 Date 6/2/12

**NOTE:**

The contents of this report have been reviewed and noted by members of the SVHA Group Executive and the CEO. The report will be reviewed and noted by the SVHA Board at the next board meeting in February 2012. Once reviewed by the SVHA Board a signed copy of this report will be placed on the SVHA website.

## Part 2 - Assessment Outcomes

**Table 2.1 – Assessment Details**

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

**Name of group member or business unit or key activity**

**St Joseph's Hospital, Auburn NSW**

Total energy use in the last financial year

5144	GJ
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Energy use assessed in this entity as a percentage of total entity energy use\*

95+	%
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Energy use assessed in this entity as a percentage of total corporate energy use

0.8	%
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Accuracy of above estimates related to energy use assessed - only required if not ±5% or better

<= 5	%
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Period over which assessment was undertaken

27 April 2011

27 July 2011

Description of the way in which the entity carried out its assessment

**Site Assessment**

St Joseph's Hospital and St Joseph's Village are co-located in Auburn an inner Western suburb of Sydney. While they are separate entities they operate in very close proximity and it was determined that the audit should be extended to both sites. While each site has separate operations and separate services, there are synergies in terms of applying measures across the campus. However, to comply with public reporting standards this report has outlined outcomes for each entity separately.

Due to their co-location the approach taken for each was identical with any differences due to the physical design, operational or management process in place at each location.

**Methodology Summary**

St Vincent's Health Australia (SVHA) commissioned Net Balance Foundation (Net Balance) to undertake an energy audit of St Joseph's Hospital and St Joseph's Village in Auburn, NSW. This assessment was undertaken to satisfy the Department of Resources, Energy and Tourism (DRET) Energy Efficiency Opportunities (EEO) Program requirements and to identify cost effective energy savings and efficiency opportunities with up to a four year payback.

Net Balance on behalf of St Vincent's Health Australia conducted a project inception meeting and site visit to St Joseph's Hospital and Village in Auburn NSW on 27th April 2011. The audit is a level two energy audit as per Australian/New Zealand Standard AS/NZS 3598:2000, *Energy Audits*. The audit examined the energy consumption patterns and sources, carried out benchmarking and analysed the energy performance in a multi-criteria analysis that took into account a range of operational, building, system and external factors

In line with the EEO protocol energy use included in this analysis covers over 95% of operational energy use for St Joseph's Hospital and Village. Fuel sources included in this analysis are Electricity and Natural gas. Neither entity has a vehicle fleet so transport fuels are not included. A small amount of diesel is used to test the back-up generator at the hospital site. However seeing that the generator has not been called on to provide power to the site in recent years fuel use is minimal and there are no records of fuel purchase in the past 12 months.

\* Please note that, for individual sites that use more than 0.5PJ of energy, all energy use must be assessed (less a small proportion for non integral energy use).

**Table 2.2 - Energy efficiency opportunities identified in the assessment**

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

Status of opportunities identified to an accuracy of better than or equal to $\pm 30\%$		Total Number of opportunities	Estimated energy savings per annum by payback period (GJ)			Total estimated energy savings per annum (GJ)			
			0 - < 2 years No of Opps	2 - $\leq$ 4 years GJ	> 4 years No of Opps				
Business Response	Implemented	0				0			
	Implementation Commenced	0				0			
	To be Implemented	0				0			
	Under Investigation	2	1	699.8	1	308.9	1008.72		
	Not to be Implemented	10	2	8.3	1	4.7	7	321.4	334.38
Outcomes of assessment	Total Identified	12							1343.1
<b>Status of opportunities identified to an accuracy of worse than <math>\pm 30\%</math></b>									
Business Response	Implemented								
	Implementation Commenced								
	To be Implemented								
	Under Investigation								
	Not to be Implemented								
Outcomes of assessment	Total Identified								

Please note that Corporate Groups are not required to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

**Table 2.3 - Details of significant opportunities identified in the assessment**

Corporate Groups are required to provide at least 3 examples of significant opportunities for improving the energy efficiency of the group that have been identified in assessments.

<b>Description of Opportunity</b>	<b>Voluntary Information</b>
<p>Globe and Ballast Replacement to lighting in the Hospital. Specifically a change to:</p> <ul style="list-style-type: none"> <li>• Electronic ballasts coupled with a lamp replacement of existing T8 lamps to T5</li> <li>• Halogen Downlights to be replaced by LED replacements</li> </ul>	<p><b>Voluntary Information</b></p> <p>Business Response Under Investigation</p> <p>Energy saved (GJ) 308.88</p> <p>Greenhouse gas abated (t-CO2-e) 76.36</p> <p>\$s saved \$11,184 pa</p> <p>Payback period 3.8 years</p>
<p><b>Description of Opportunity</b></p> <p>Proposed installation of gas heating for 11 of the larger older reverse cycle air conditioner units.</p> <p><b>NOTE:</b> While the payback outlined for this measure currently sits outside the 4 year payback period under the legislation, SVHA is due to face a substantial increase in electricity prices which is likely to make this opportunity economically viable (i.e. payback of &lt;4 years). It has also been set aside for examination due to the substantial reductions in carbon emissions this activity would also generate.</p>	<p><b>Voluntary Information</b></p> <p>Business Response Under Investigation</p> <p>Energy saved (GJ) 699.84</p> <p>Greenhouse gas abated (t-CO2-e) 173.01</p> <p>\$s saved \$23,328</p> <p>Payback period 6.7 years</p>
<p><b>Description of Opportunity</b></p> <p>New lighting system for St Joseph's Hospital (A Block)</p>	<p><b>Voluntary Information</b></p> <p>Business Response Not to be implemented</p> <p>Energy saved (GJ) 254.52</p> <p>Greenhouse gas abated (t-CO2-e) 62.9</p> <p>\$s saved \$9,167 pa</p> <p>Payback period 8.8 years</p>

Please note that the "Description of the Opportunity" above should include information on the specific nature and type of opportunity, as well as information on the type of equipment and/or process involved.

## Part 2 - Assessment Outcomes

### Table 2.1 – Assessment Details

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

Name of group member or business unit or key activity

St Joseph's Village, Auburn NSW

Total energy use in the last financial year	3257	GJ
Energy use assessed in this entity as a percentage of total entity energy use*	95+	%
Energy use assessed in this entity as a percentage of total corporate energy use	0.51%	%
Accuracy of above estimates related to energy use assessed - <u>only required if not <math>\pm 5\%</math> or better</u>	$\leq 5$	%

Period over which assessment was undertaken	27 April 2011	27 July 2011
Description of the way in which the entity carried out its assessment	Please refer to assessment description or St Joseph Hospital for further details.	

\* Please note that, for individual sites that use more than 0.5PJ of energy, all energy use must be assessed (less a small proportion for non integral energy use).

**Table 2.2 - Energy efficiency opportunities identified in the assessment**

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

Status of opportunities identified to an accuracy of better than or equal to $\pm 30\%$	Total Number of opportunities	Estimated energy savings per annum by payback period (GJ)						Total estimated energy savings per annum (GJ)
		0 - < 2 years		2 - $\leq$ 4 years		> 4 years		
		No of Opps	GJ	No of Opps	GJ	No of Opps	GJ	
Business Response	Implemented	0					0	
	Implementation Commenced	0					0	
	To be Implemented	3		3	454.0		453.96	
	Under Investigation	0					0	
Outcomes of assessment	Not to be Implemented	2				2	468.7	
	Total Identified	5					922.68	
<b>Status of opportunities identified to an accuracy of worse than <math>\pm 30\%</math>.</b>								
Business Response	Implemented							
	Implementation Commenced							
	To be Implemented							
	Under Investigation							
Outcomes of assessment	Not to be Implemented							
	Total Identified							

Please note that Corporate Groups are not required to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

**Table 2.3 - Details of significant opportunities identified in the assessment**

Corporate Groups are required to provide at least 3 examples of significant opportunities for improving the energy efficiency of the group that have been identified in assessments.

Description of Opportunity	Voluntary Information	
	Business Response	To be implemented
Replacement of electric domestic hot water units with gas fired replacements	Energy saved (GJ)	161.6
	Greenhouse gas abated (t-CO2-e)	39.9
	\$s saved	3,076.9
	Payback period	2.6 years
Replacement of radiant electric wall and floor heaters with gas fired heating	Voluntary Information	
	Business Response	To be implemented
	Energy saved (GJ)	118.4
	Greenhouse gas abated (t-CO2-e)	29.3
	\$s saved	\$931 pa
Payback period	2.9 years	
Installation of a gas boosted solar hotwater system	Voluntary Information	
	Business Response	Not to be implemented
	Energy saved (GJ)	161.6
	Greenhouse gas abated (t-CO2-e)	39.9
	\$s saved	5,067 pa
Payback period	5.9 years	

Please note that the "Description of the Opportunity" above should include information on the specific nature and type of opportunity, as well as information on the type of equipment and/or process involved.