



GUARANTEED ♦ QUICK ♦ COMPREHENSIVE



Energy Rating Report

10 Smith Street, Smith Town

ACT

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FirstRate Report



YOUR HOUSE ENERGY RATING IS: << << << << **4 STARS**
in Climate: 24 **SCORE: -5 POINTS**

Name: Mr & Mrs Smith

Ref No: GU124005

House Title: Section Block

Date: 04-01-2008

Address: 10 Smith Street

Smith Town

2600

Reference: O:\...\SAMPLE REPORTS\EER

Gross Floor Area 184sqm Approx off plan

This rating only applies to the floor plan, construction details, orientation and climate as submitted and included in the attached Rating Summary. Changes to any of these could affect the rating.

Appliance Ratings

Heating: Unknown Heater / Unknown Rating

Cooling: Unknown Cooling / Unknown Rating

HotWater: Unknown Hot Water System / Unknown Rating

The appliance ratings above are based on information provided by the applicant and are included for information purposes only. They do not affect the House Energy Rating of the dwelling.

IMPROVING YOUR RATING

The table below shows the current rating of your house and its potential for improvement.

	POOR			AVERAGE				GOOD			V. GOOD	
Star Rating	0 Star	«	« «	« « «	« « « «	« « « « «	« « « « « «	« « « « « « «	« « « « « « « «	« « « « « « « « «		
Point Score	-71	-70	-46	-45	-26	-25	-11	-10	4	5	16	17
Current	-5	<input type="text"/>										
Potential	-5	<input type="text"/>										

Incorporating these design options will add the additional points required to achieve the potential rating shown in the table. Each point represents about a 1% change in energy efficiency. This list is only a guide to the range of options that could be used.

Design options

Additional points

ORIENTATION

Orientation is one of the key factors which influences energy efficiency. This dwelling will achieve different scores and star ratings for different orientations.

Current Rating	-5	« « « «
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Largest windows in the dwelling;

Direction : North

Area : 17 m²

The table below shows the total score for the dwelling when these windows face the direction indicated.

Note that obstructions overshadowing windows have been removed from all windows in these ratings to allow better comparisons to be made between orientations.

ORIENTATION	POINT SCORE	STAR RATING
1. North	-5	« « « «
2. North East	-9	« « « «
3. East	-17	« « «
4. South East	-18	« « «
5. South	-14	« « « 1
6. South West	-7	« « « «
7. West	-7	« « « «
8. North West	-5	« « « «

FirstRate Mode
Climate: 24

RATING SUMMARY for: Section Block, 10 Smith Street, Smith Town

Assessor's Name: Bruce Cohen 05-0277

Net Conditioned Floor Area: 153.3 m²

Feature			Points			
			Winter	Summer	Total	
CEILING			5	1	6	
Surface Area:	0	Insulation:	6			
WALL			3	0	3	
Surface Area:	-1	Insulation:	4	Mass:	0	
FLOOR			11	0	11	
Surface Area:	0	Insulation:	-3	Mass:	14	
AIR LEAKAGE (Percentage of score shown for each element)			5	0	5	
Fire Place	0 %	Vented Skylights	0 %			
Fixed Vents	0 %	Windows	31 %			
Exhaust Fans	26 %	Doors	31 %			
Down Lights	0 %	Gaps (around frames)	12 %			
DESIGN FEATURES			0	0	0	
Cross Ventilation	0					
ROOF GLAZING			0	0	0	
Winter Gain	0	Winter Loss	0			
WINDOWS			-20	-16	-35	
Window Direction	Area		Point Scores			
	m2	%NCFA	Winter* Loss	Winter Gain	Summer Gain	Total
N	19	12%	-27	28	-7	-6
E	11	7%	-16	10	-3	-10
S	13	9%	-20	7	-4	-17
W	2	1%	-3	2	-1	-2
Total	45	30%	-66	47	-16	-35

* Air movement over glazing can significantly increase winter heat losses. SEAV recommends heating/cooling duct outlets be positioned to avoid air movement across glass or use deflectors to direct air away from glass.

The contribution of heavyweight materials to the window score is 2 points

		Winter	Summer	Total
RATING	« « « «	4	-15	-5*

* includes 5 points from Area Adjustment