

ENERGY RATING CHECKLIST – PROJECT INFORMATION

CLIENT DETAILS

Name to go on certificate: Checklist filled in by:

Phone: Email:

Project Address:

Lot Number: Plan RP/SP Number:

Suburb: Postcode:

Council to which plans are to be lodged: Private Certifier:

BILLING INFORMATION

Name: Address:

Suburb: Postcode:

Method of Payment: ☐ Credit Card ☐ Direct Deposit Email:

HOW TO COMPLETE THIS CHECKLIST:

- Please select relevant boxes (more than one type of material may be selected). If different materials are used on the first and second storey, please select the boxes marked '1st' and '2nd' accordingly.
- **Note:** if your building product or material is not listed here, please provide the, manufacturer and thermal characteristics such as U value, R value, shading coefficient, reflectance, absorptance etc. to the Assessor.
- Any additional information can be provided in the 'Other' box in each section.

PLEASE SUPPLY THE FOLLOWING INFORMATION TO SUCCESSFULLY COMPLETE YOUR ENERGY EFFICIENCY REPORT:

- ☐ Site Plan with North Point Indicated
- ☐ Floor Plan
- ☐ Elevations
- ☐ Sections and Details
- ☐ Window / Door sizes (Schedule)
- ☐ Electrical Plan Showing Recessed Downlights, Ceiling Fans, Heating and Cooling Units Inc. kW, Solar Panel Location

When emailing please supply plans in PDF format. The energy rating will be completed in 5-7 working days following receipt of ALL required information. Completed checklist and plans to be emailed to info@greenatheart.com.au. Once all information is received, we will provide an invoice containing payment instructions. Payment is to be received prior to release of certificate.

DISCLAIMER:

I certify that the information provided is correct. Any changes to be made to the provided specifications during the design or construction stage must be provided to the certifier to reassess the energy efficiency rating.

Signed:

Form completed by:

Date:

SITE INFORMATION

Site Area:m2

National Construction Code Climate Zone:

TERRAIN

☐ Exposed ☐ Suburban ☐ Open ☐ Protected

EXTERNAL WALLS

WALL TYPE	1st	2nd (floor)	WALL INSULATION TYPE	1st	2nd	WALL COLOUR	1st	2nd
☐ Weatherboard	☐	☐	☐ None	☐	☐	☐ Light	☐	☐
☐ Concrete Block 190mm	☐	☐	☐ Bulk Insulation R value.....	☐	☐	☐ Medium	☐	☐
☐ Double Brick	☐	☐	☐ Bubble Foil R value.....	☐	☐	☐ Dark	☐	☐
☐ Brick Veneer	☐	☐	☐ Foil Lined Batts R value.....	☐	☐	Other (please specify): 		
☐ Texture Board	☐	☐	☐ Reflective Foil R value.....	☐	☐			
☐ FC Sheeting/Cavity	☐	☐	WALL FRAMING TYPE					
☐ Metal Cladding	☐	☐	☐ Timber					
☐ EPS Cavity Stud	☐	☐	☐ Steel (specify thermal break type in other)					

INTERNAL WALLS

WALL TYPE	1st	2nd (floor)		1st	2nd	Other (please specify):
☐ Plasterboard on studs	☐	☐	☐ Concrete Block 90mm	☐	☐	
☐ Hebel	☐	☐	☐ Concrete Block 150mm	☐	☐	
☐ Mudbrick	☐	☐	☐ Concrete Block 200mm	☐	☐	

INTERNAL WALL HEIGHT	
☐ 1st floor	mm
☐ 2nd floor	mm

WALL FRAMING TYPE
☐ Timber
☐ Steel

FLOORS

FLOOR COVERINGS	1st	2nd (floor)	FLOOR INSULATION TYPE	1st	2nd (floor)	FLOOR STRUCTURE	1st	2nd (floor)
☐ None	☐	☐	☐ None	☐	☐	☐ Concrete Slab	☐	☐
☐ Carpet	☐	☐	☐ Bulk Insulation	☐	☐	☐ Suspended Slab	☐	☐
☐ Vinyl	☐	☐	☐ Bubble Foil	☐	☐	☐ Timber	☐	☐
☐ Ceramic Tiles	☐	☐	☐ Foil Lined Batts	☐	☐	☐ Waffle Pod Slab (show size in 'Other')	☐	☐
☐ Timber	☐	☐	Other (please specify): 					
☐ Timber on Concrete	☐	☐						
☐ Cork	☐	☐						

CEILING

CEILING LINING TYPE	1st	2nd (floor)	CEILING INSULATION TYPE	1st	2nd (floor)	Other (please specify):
☐ Plasterboard	☐	☐	☐ None	☐	☐	
☐ Timber	☐	☐	☐ Bulk Insulation R-value.....	☐	☐	
☐ Concrete	☐	☐	☐ Bubble Foil R-value.....	☐	☐	

Ceiling Height:mm

ENERGY RATING CHECKLIST – HOUSING SPECIFICATIONS



ROOFING

ROOF MATERIAL TYPE

- ☐ Sheet Metal
☐ Concrete Tiles
☐ Terracotta Tiles
☐ Concrete Slab

1st 2nd (floor)

☐	☐
☐	☐
☐	☐
☐	☐

ROOF INSULATION TYPE

- ☐ None
☐ Bulk Insulation R-value.....
☐ Bubble Foil R-value.....

1st 2nd (floor)

☐	☐
☐	☐
☐	☐

ROOF COLOUR

- ☐ Light
☐ Medium
☐ Dark

Roof Pitch
(in degrees):

.....

ROOF FRAMING TYPE

- ☐ Timber
☐ Steel

ROOF & EAVES VENTILATION

- ☐ Whirly Bird, Ridge or Solar
☐ Clip-in Vents, Slotted sheets
☐ Other

Yes No
☐ ☐

Number vents:

Other (please specify):

SKYLIGHTS

TYPE

- ☐ Single Glazed Clear
☐ Double Glazed Clear

- ☐ Single Glazed Opal
☐ Double Glazed Opal

Location (please specify):

WINDOWS

- ☐ Window Dimensions Clearly Shown
on Plan or Window Schedule

- ☐ Weather Seals to Doors & Windows

FRAME TYPE

- ☐ Timber
☐ Aluminium
☐ Aluminium with Thermal Break
☐ Steel
☐ UPVC

GLASS TYPE

- ☐ Single Glazed Clear
☐ Single Glazed Tinted
☐ Single Glazed Low E Clear
☐ Double Glazed Clear

Other (please specify):

PRODUCT:

U-VALUES:

BRAND

SHGC VALUES:

CEILING FANS (If not on plans state locations)

LOCATION

- ☐ Lounge/ Dining
☐ Bedrooms
☐ Bathrooms
☐ Kitchen

FAN SIZES

- ☐ 900mm
☐ 1200mm
☐ 1800mm
☐ 2100mm

Other (please specify):

LIGHTING/ELECTRICAL

REQUIRED

- ☐ Plan attached showing recessed
Downlights and Ceiling fans

SPACE AROUND DOWNLIGHTS

- ☐ 50mm
☐ 100mm
☐ 200mm
☐ 300mm

Other (please specify):

Additional Information (please specify):

ENERGY RATING CHECKLIST – WHOLE OF HOME APPLIANCES

ROOM COOLING

Room Name	Y	N	Type of System	Make	Model	Kilowatts	Heating Stars	Cooling Stars
Lounge			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Dining			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Kitchen			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Bed 1			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Bed 2			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Bed 3			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Bed 4			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Bed 5 or Other			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Media or Other			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Study or Other			☐ Ducted Evaporative ☐ Room Evaporative ☐ Ducted Refrigerative ☐ Room Refrigerative ☐ Reverse Cycle					
Notes:								

NOTES: Enter each AC unit only once, e.g. if open plan living area with AC only enter in one room.
Visit **GEMS Air Conditioner Database**: https://reg.energyrating.gov.au/comparator/product_types/ for more information on AC Specifications.



ENERGY RATING CHECKLIST – WHOLE OF HOME APPLIANCES

ROOM HEATING

Room Name	Y	N	Type of System	Make	Model	Kilowatts	Heating Stars	Cooling Stars
Lounge			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Dining			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Kitchen			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Bed 1			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Bed 2			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Bed 3			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Bed 4			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Bathrooms Number:			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Media or Other			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Study or Other			☐ Ducted Gas ☐ Gas Room Heater ☐ Ducted Reverse Cycle ☐ Room Reverse Cycle ☐ Electric Resistance Heater ☐ Slow Combustion (wood)					
Notes:								
If electric resistance heater, specify panel size here:								

NOTE: Enter each unit only once, e.g. if open plan living area with one heater, only enter in one room.



ENERGY RATING CHECKLIST – WHOLE OF HOME APPLIANCES

WATER HEATING

Type of System	Make	Model	STCs	Gas Stars	Tank Size	Peak/Off Peak
☐ Electric ☐ Instantaneous ☐ Electric Storage ☐ Gas Instantaneous ☐ Gas Storage ☐ Heat Pump ☐ Solar Boosted Gas ☐ Solar Diverter ☐ Solar Electric						
Notes:						

STC Lookup Site, and Postcode Climate Zone lookup Site: <https://cleanenergyregulator.gov.au/schemes/renewable-energy-target/small-scale-renewable-energy-scheme/small-scale-renewable-energy-0> Hot Water Heater Database: https://reg.energyrating.gov.au/comparator/product_types/

COOKING

Appliance	Make	Model	Gas, Electric or Induction
☐ Cooktop			
☐ Oven			
☐ Oven 2			
Notes:			

PLUG-IN APPLIANCES: Calculated automatically, but to find energy efficient appliances covered under the GEMS star rating system, use the following:
Major White Good Database: https://reg.energyrating.gov.au/comparator/product_types/
Appliance Star Savings Calculator: www.energyrating.gov.au/calculator

SWIMMING POOL OR SPA

☐ YES ☐ NO

Surface Area m ² or Volume m ³	Pump Make & Model	Pump Type	Star Rating
		☐ Single Speed ☐ Dual Speed ☐ Multi Speed ☐ Variable Speed	
Notes:			

Pool Pump Database: https://reg.energyrating.gov.au/comparator/product_types/

SOLAR POWER AND BATTERIES (Location to be noted on plans)

PHOTOVOLTAICS				
Panel Array	Panel Size (kW)	Panel Orientation	Panel / Roof Pitch Slope	Power Phase
1				☐ Single Phase ☐ 2 Phase ☐ 3 Phase
2				
3				
Total Inverter Capacity:		Network Limit Export Cap: If over 5kW must indicate on plans.		
BATTERIES (If included)				
Type	Nominal Storage Capacity (kW hours)			
☐ Lithium - Ion ☐ Lead - Acid ☐ Zinc - Bromine				
Notes:				