

Home energy efficiency & sustainability - Evaluation Assessment



General information

Assessment Number:	Customers Name:	Assessment Date:
Address:	Suburb:	Postcode:
Phone No:	Email:	State:

Describe this home

Is the home	Is this home shared by	How many adults usually live in this home?	How many children usually live in this home?
Which of these best describes the home?	How big is the home in Sq m2?	What year was the home originally built?	How many storeys does this home have?

How many rooms are there?

Living	Kitchens	Bathrooms - including ensuites	Bedrooms
Laundry	Garages	Other (describe)	

Construction details

Roof type	Roof space	External wall cladding	Footing type
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Service connections

 Which of these services do you have connected ?

Connected to the grid	Solar PV	Natural Gas	LPG (bottled gas)	Town water	Bore water	Rainwater tank	Grey water tank
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Describe the external doors

How many external doors in this home?	What type of external doors are most of these?	Are the doors externally sealed or weatherstripped?	Are the doors protected or partially shaded?
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Weather sealing & ventilation

Do you have any internal wall vents?	Are the Wall vents sealed or unsealed?	How many Wall vents are unsealed?
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Insulation

Do you have ceiling insulation?

What year was the insulation installed?

What is the R value of the ceiling insulation?

How much ceiling insulation is there in M2

Do you have wall insulation?

What year was the insulation installed?

What is the R value of the ceiling insulation?

How much ceiling insulation is there in M2

Do you have floor insulation?

What year was the insulation installed?

What is the R value of the ceiling insulation?

How much ceiling insulation is there in M2

LIVING AREA



What is the area of the Living room?

What kind of flooring does the living have?

Is there access under the floor to install insulation?

Describe the windows in the living area

How much window area is there in the living (approximately)?

What type of window frames do they have?

Are the windows externally sealed or weatherstripped?

Are the windows in the living double glazed?

Are the windows in the living tinted?

What window coverings are used?

Do the windows in the living face roughly north and receive winter sun?

What kind of external window shades or awnings are most commonly used here?

What portion of the windows are shaded with internal or external shading?

How is the living area heated?

Do you use a heater in the living room?

What type of heater is used in this area?

If it is a ducted system, is it currently zoned?

Is the ducted system able to be zoned?

How many days per year is the heater used?

How many hours do you usually have it on?

What is the star rating of the heater?

In winter, is the living?

At what temperature do you set the system?

How is the living area cooled?

Do you use an air conditioner or other cooling device in the living room?

(For Air Conditioners only) How many days per year is it used?

(For Air Conditioners only) How many hours is it on during the DAY?

(For Air Conditioners only) How many hours is it on during the NIGHT?

What is the star rating?

In summer, is the living?

At what temperature do you set the system?

LIVING AREA



Lighting	How many light switches are in the living?	One	Two	Three	Hours used per day	Watts
	Number of	What type of light fittings are used?		What type of lamp is used?		
	Switch 1					
	Switch 2					
	Switch 3					
	Standing Lamps					
Music	What kind of entertainment devices are used in the home for playing music?	Number of	Hours used per day	Hours on Stand-by per day	Watts	
	Large stereo					
	Compact stereo					
	Portable stereo/radio					
Television	What kind of entertainment devices are used in the home for watching television & movies?	Number of	Hours used per day	Hours on Stand-by per day	Watts	
	CRTs					
	Plasma's					
	LCD's					
	Rear projectors					
	DVD's					
	Video players					
Games	What kind of entertainment devices are used in the home for playing games?	Number of	Hours used per day	Hours on Stand-by per day	Watts	
	Computer 1					
	Laptop					
	Games console 1					
	Games console 2					

LIVING AREA



Home office

What kind of home office related equipment is in this room?

Number of

Hours used
per day

Hours on Stand-by
per day

Watts

Desktop with standard monitor

Desktop with LCD monitor

Laptop

Computer game

Computer speakers

Copier (digital/Inkjet)

Copier (traditional)

Fax (inkjet/laser/digital)

Fax (thermal) Modem/router

Printer (inkjet)

Printer (laser)

Printer (impact)

Electrical devices

What other general devices are used in the home?

Number of

Hours used
per day

Hours on Stand-by
per day

Watts

Charger (mobile or music unit)

Cordless phone Digital

Iron

Rechargeable vacuum cleaner

Plug-in vacuum cleaner

Sewing machine

Aquarium heater

Aquarium pump

Home security system

Intercom system

Smoke alarms (mains power)

KITCHEN



What is the area of the kitchen?

What kind of flooring does the kitchen have?

Is there access under the floor to install insulation?

Describe the windows in the kitchen

How much window area is there in the kitchen (approximately)?

What type of window frames do they have?

Are the windows externally sealed or weatherstripped?

Are the windows in the kitchen double glazed?

Are the windows in the kitchen tinted?

What window coverings are used?

Do the windows in the kitchen face roughly north and receive winter sun?

What kind of external window shades or awnings are most commonly used here?

What portion of the windows are shaded with internal or external shading?

How is the kitchen heated?

Do you use a heater in the kitchen?

What type of heater is used in this area?

If it is a ducted system, is it currently zoned?

Is the ducted system able to be zoned?

How many days per year is the heater used?

How many hours do you usually have it on?

What is the star rating of the heater?

In winter, is the kitchen?

At what temperature do you set the system?

How is the kitchen cooled?

Do you use an air conditioner or other cooling device in the kitchen?

(For Air Conditioners only) How many days per year is it used?

(For Air Conditioners only) How many hours is it on during the DAY?

(For Air Conditioners only) How many hours is it on during the NIGHT?

What is the star rating?

In summer, is the kitchen?

At what temperature do you set the system?

KITCHEN



Lighting

How many light switches are in the kitchen?	One	Two	Three	Hours used per day	Watts
Number of	What type of light fittings are used?		What type of lamp is used?		
Switch 1					
Switch 2					
Switch 3					
Standing Lamps					

Television

What kind of entertainment devices are used in the Kitchen for watching television & movies?	Number of	Hours used per day	Hours on Stand-by per day	Watts
CRTs				
Plasma's				
LCD's				
Rear projectors				
DVD's				
Video players				

Refrigeration

What kind of fridges and freezers do you have in use?	Number of	Litres	Star rating	Watts
One door fridge				
Two door fridge				
Chest freezer				
Upright freezer				
Wine chiller Bar				
Bar fridge				

KITCHEN



Cooking	What type of cooking appliances do you use regularly?	Number of	Hours used per day	Watts	Fuel
	Hotplates				Electricity Gas
	Ovens				Electricity Gas
	Grillers				Electricity Gas
	Microwaves				Electricity

Washing Dishes	When washing or rinsing dishes by hand, do you use hot water?	How many sinks of full hot water are used for washing dishes in a typical week?	Are dishes rinsed under running hot water before placing them in the dishwasher?

Dishwasher	Do you have a dishwasher	How many times is the dishwasher used in a typical week?	What wash program does your dishwasher normally use?	What tap(s) is your dishwasher connected in the kitchen?
	What is the energy efficiency rating of your dishwasher (star)	What is the size of your dishwasher (number of place settings)?	What is the water efficiency rating of your dishwasher (star)?	How water efficient are the taps of your kitchen sink?

Beverages	How much energy is used making hot drinks?	Number of	Hours used per day	Watts	Fuel
	Jug/Kettle				Electricity Gas
	Coffee Peculator				Electricity Gas
	Espresso coffee machine				Electricity Gas
	Microwave				Electricity
	Boiling water tap				Electricity Gas

What method do you use to cool your drinks?	Water dispenser built into the fridge	Bottle or jug of water from the fridge	Chilled water tap	Stand alone water chiller
How many liters of water are heated or cooled per day?				

Compost	Do you compost your scraps?	Yes	No