

# RESIDENTIAL REMOTE AREA POWER SUPPLY PROGRAM TASMANIA



GUIDELINES AND PRE - PURCHASE APPLICATION

# RESIDENTIAL REMOTE AREA POWER SUPPLY PROGRAM GUIDELINES FOR APPLICANTS

## INTRODUCTION

The Residential Remote Area Power Supply (RAPS) Program will provide a rebate for eligible renewable energy power systems serving households in off-grid areas of Tasmania.

The Residential RAPS Program has been developed and is administered by the Tasmanian Office of Energy Planning and Conservation (OEPC). The Australian Government funds the program through the Renewable Remote Power Generation Program (RRPGP).

### **Objectives of the RRPGP are to:**

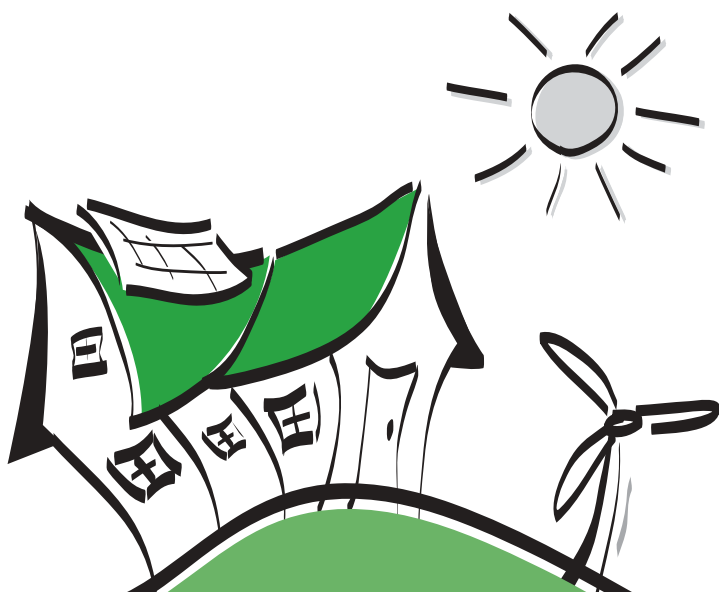
- assist in providing an effective electricity supply to remote users;
- assist in developing the Australian renewable energy industry;
- assist in meeting the energy infrastructure needs of indigenous communities; and
- initiate long term greenhouse gas reductions.

## AMOUNT OF REBATE

Subject to the availability of funds, the Residential RAPS Program will provide a rebate of 50 per cent of the eligible capital cost of renewable energy power to households that fully comply with the conditions and procedures outlined in these guidelines.

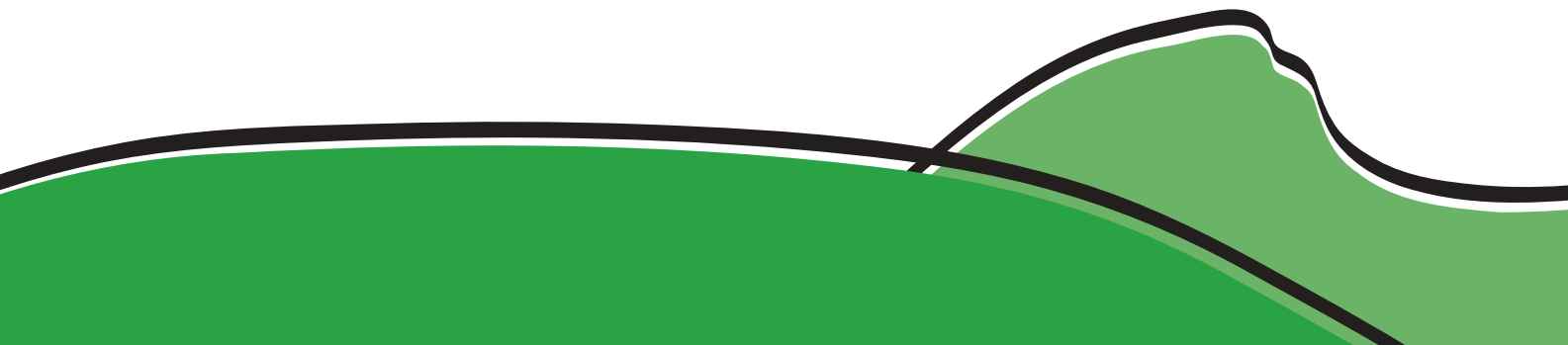
The maximum rebate available under this program is \$40 000, however applications of a higher value may be considered on a case by case basis.

The level of demand will determine how long the program runs and the OEPC retains the right to adjust the level of rebate to match funds availability.



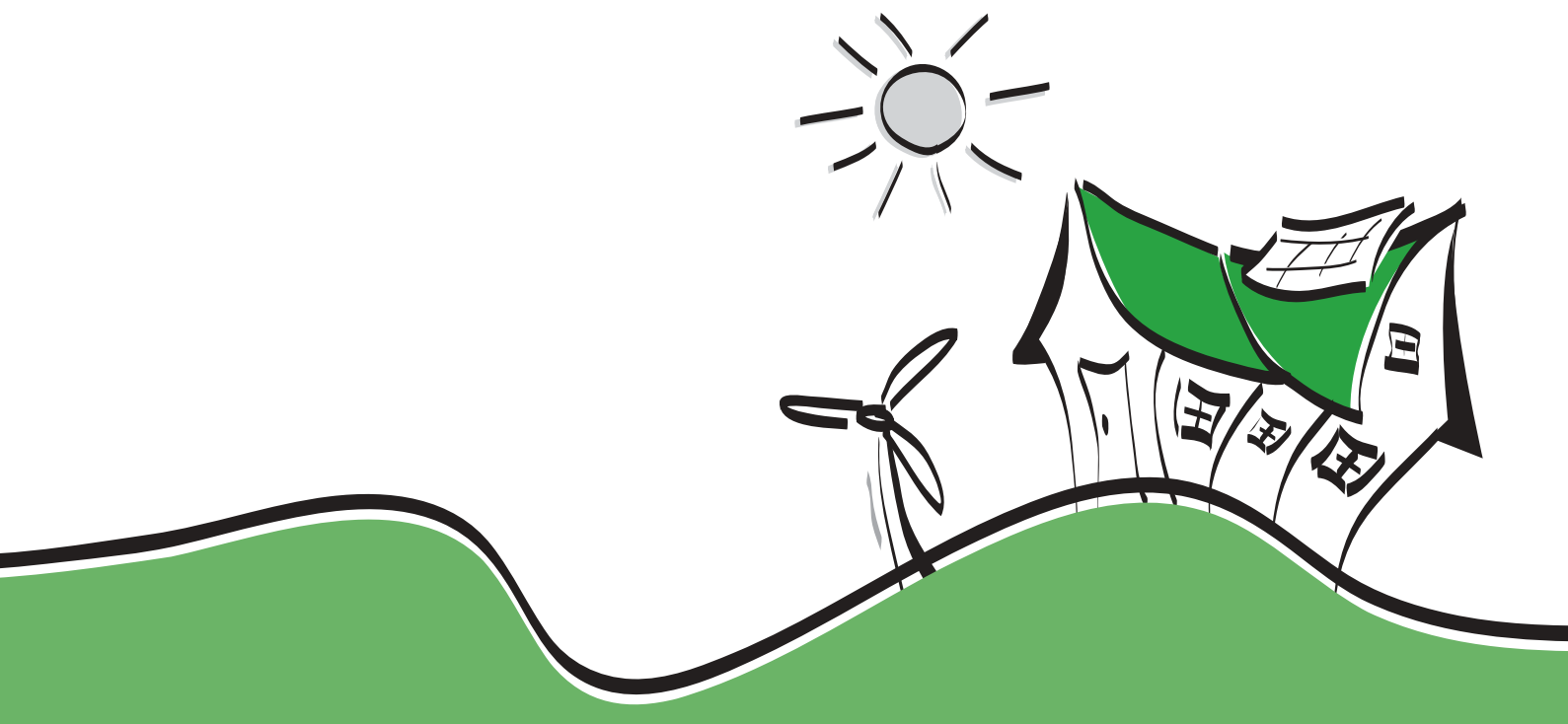
## APPLICANT REQUIREMENTS

- 1.** To be eligible for the rebate the RAPS must partly or fully replace diesel generation with a renewable energy source. The RAPS System may be a new renewable energy RAPS System where it can be demonstrated that the energy source would otherwise have been diesel. It is recognised that in some RAPS Systems a diesel back up will still form part of the system.
- 2.** The renewable energy system must serve a private household. If a power system serves a home-based business operation in addition to a private household then the rebate may be based on the GST-exclusive cost of the system.
- 3.** The owner of the land on which the renewable energy system is located must submit the application. For the purposes of this program ownership is considered to be a form of tenure that allows occupancy on the land for at least five years. Proof of ownership of the land must be provided.
- 4.** The building in which the household is located must be a permanent dwelling that complies with local building authority requirements. The building must be the permanent place of residence of the applicant (as indicated on the electoral roll). Rebates will not be available for renewable energy systems serving holiday homes, mobile homes, caravans, boats or any other temporary dwellings.
- 5.** The property where the renewable energy power system will be located must not be, nor previously have been, connected to the main Tasmanian grid. In addition, the site at which the system is to be installed would incur a cost of more than \$30,000 if it was to connect to the grid and must be more than one kilometre from the nearest suitable connection point.
- 6.** To be eligible for a rebate renewable energy equipment must be new. Equipment must not be purchased until after a Pre-purchase Application has been approved. With the exception of design services and energy reviews, services essential for the implementation of projects must not be provided or paid for until a Pre-purchase Application has been approved.
- 7.** Matching funding (to meet the other 50 per cent of costs) may come from any source except for other funding provided through the Australian Greenhouse Office.
- 8.** At least 30 per cent of the total eligible system cost must be spent on renewable electricity generating equipment (defined in the System Requirements section). For additions to existing systems, if this requirement is not met, then the system's renewable electricity generation capacity must be increased by 30 per cent.
- 9.** The applicant must ensure that all equipment for which a rebate has been obtained remains in operation at the specified location for at least five years (with the exception of batteries that have reached the end of their life or other equipment that is beyond repair).
- 10.** The applicant must complete a standard report form (to be provided by the OEPC) on the performance of the power system on an annual basis for up to five years following payment of a rebate.
- 11.** Applicants must demonstrate that sufficient resources will be available for the successful implementation of projects. Applicants must ensure that matching funding is available and that the designer, supplier and installer requirements of this program are satisfied.
- 12.** The renewable energy system must meet all relevant government regulations and all relevant approvals must be obtained.
- 13.** The applicant must provide details of the facilities that will be served by the proposed power system, including current electricity usage, expected future demand and opportunities to reduce electricity consumption.
- 14.** Applicants must enter into an agreement with suppliers of renewable energy systems for the operation, maintenance and repair of the proposed system (refer section 24).



## DESIGNER, SUPPLIER AND INSTALLER REQUIREMENTS

15. To be eligible for a rebate the applicant must be able to show that the person who will carry out the RAPS design and installation is suitably qualified and experienced. Such a person will usually be accredited for design and installation by the Australian Business Council for Sustainable Energy (BCSE).
16. Designers, suppliers and installers must be able to demonstrate a capability to provide ongoing support for renewable energy systems and equipment. This includes where relevant, the ability to provide technical information and advice to applicants, ability to assist in the repair and maintenance of equipment and systems, ability to provide replacement components and ability to assist in honouring warranty claims.
17. Designers, suppliers and installers must have demonstrated previous experience with renewable energy RAPS systems similar to those proposed in the funding application. Designers, suppliers and installers must otherwise have:
  - a strong understanding of power systems incorporating renewable energy components for remote applications; and
  - a good understanding of environmental conditions experienced in remote areas of Tasmania; and
  - a thorough knowledge of relevant Australian Standards and the Tasmanian *Electricity Industry Safety and Administration Act 1997* and Tasmanian *Electricity Industry Safety and Administration Regulations 1999*; and
  - a high level of knowledge of commercially available system components and technologies and previous experience in a similar role.
18. Renewable energy equipment and systems provided must be new, reliable, capable of operating successfully in remote areas of Tasmania, cost-effective, safe and must meet all relevant Australian Standards and the provisions of the Tasmanian *Electricity Industry Safety and Administration Act 1997* and Tasmanian *Electricity Industry Safety Administration Regulations 1999*.
19. Designers, suppliers and installers must be adequately insured for the purposes of supplying renewable energy equipment and systems proposed in applications. At a minimum, public liability insurance with \$5 million plus cover is required.
20. Designers, suppliers and installers involved in a breach of these guidelines may be excluded from designing, supplying or installing systems under the Tasmanian Residential RAPS Program.

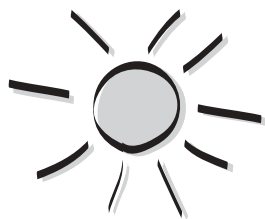


## DESIGNERS

21. The system must be designed in accordance with relevant Australian Standards and the provisions of the Tasmanian *Electricity Industry Safety and Administration Act 1997* and Tasmanian *Electricity Industry Safety and Administration Regulations 1999*, including but not limited to:
  - AS/NZS 3000 Australian/New Zealand Wiring Rules;
  - AS 4509.1 Stand Alone Power Systems – Safety Requirements;
  - AS 4509.2 Stand Alone Power Systems – Design;
  - AS 4509.3 Stand Alone Power Systems – Installation and Maintenance; and
  - AS 4086.2 Secondary Batteries for use with Stand-Alone Power Systems – Installation and Maintenance.
22. Systems must be capable of meeting given load demands, must be capable of operating successfully in remote areas of Tasmania and must be safe. For self-generating applicants who will operate and maintain systems, designs that include simple operator interface, plug in/plug out components and robust equipment are encouraged.

## SUPPLIERS

23. Suppliers must provide appropriate warranties for individual components and clear evidence should be provided that batteries are suitable for the purpose proposed. Manufacturer warranties for all major components must be for a period of one year or more, with the exception of photovoltaic modules for which manufacturer warranties must be for a period of ten years or more.
24. All applications for a rebate over \$10 000 must include a reliable means of measuring and recording performance of a proposed renewable energy power system. As a minimum, two mechanical kilowatt-hour (kWh) meters will be required (one for measuring the total electricity consumption and one for measuring any diesel generator output where relevant). For integrity of data, these meters will be required regardless of whether an inverter or other equipment is capable of providing similar data.
25. Where the supplier will not install the system or directly oversee the installation, the supplier must provide the installer with a full wiring diagram, instructions on locating system components and information on commissioning systems including handover to applicants.
26. Suppliers must enter into an agreement with an applicant that sets out:
  - the roles and responsibilities of the supplier and the applicant in regards to operating, maintaining and repairing systems;
  - the availability of support for systems in case of system malfunction or equipment failure;
  - manufacturer warranties for individual components and supplier warranties for complete systems (for both breakdown and performance), including supplier procedures for assessing and honouring warranty claims and responsibility for meeting costs associated with making a warranty claim; and
  - the availability of repair services and replacement components (repair response time and cost, time to supply replacement parts, local stockists of replacement components and local providers of repair services, etc).



27. The agreement between the supplier and the applicant may allocate responsibility for operating, maintaining and repairing power systems with the applicant where this is agreed with the supplier. For this situation the capability of the applicant (or a contracted service provider) to carry out operational and maintenance tasks must be demonstrated
26. With each system, suppliers must provide an Operation Manual, which includes:
- a list of equipment supplied, including manufacturers' documentation;
  - a system electrical connection diagram;
  - original load estimation details, including expected daily and peak load requirements;
  - expected system performance, including contribution from renewable and conventional sources;
  - a description of metering incorporated into system components and any additional metering;
  - operational procedures for the system, including basic control characteristics of the system such as auto/manual generator start, timed generator start/stops, etc – further information should be available in manufacturer's documentation;
  - a guide to shutting down, isolating and re-starting the system for maintenance and emergencies; and
  - maintenance procedures and timetable.

## INSTALLERS

29. The system must be installed in accordance with the relevant Australian Standards and the provisions of the Tasmanian *Electricity Industry Safety and Administration Act 1997* and Tasmanian *Electricity Industry Safety and Administration Regulations 1999*. For the addition of components to an existing system, the existing system must be safe.
30. An Electrical Installation Notice must be submitted by the installer to Aurora Energy upon installation of work involving voltages in excess of 50V AC or 115V DC.

## SYSTEM REQUIREMENTS

31. Applicants who fully satisfy the requirements of this program will be entitled to a rebate of 50 per cent of the GST-inclusive capital costs of eligible renewable energy equipment and services. Rebates are available for both new renewable energy systems and additions of new equipment to existing systems.
32. A list of the costs of major individual components and services broken down into the three categories given below must be provided with Pre-purchase Applications. Eligible capital costs of renewable energy systems comprise the costs of the following components:

### **Renewable electricity generating equipment including:**

- photovoltaic arrays and associated fixed or tracking support structures, maximum power point trackers, charge regulators, cable and circuit protection;
- wind turbines and associated towers, control equipment, dump loads, cable and circuit protection;
- micro-hydro units and associated penstock, piping, control equipment, dump loads and circuit protection;
- solar thermal collectors and associated piping, heat engines, coupled generators, support structures and control equipment;
- biomass combustion or conversion systems and associated heat engines, coupled generators and control equipment (biomass utilised to generate electricity must satisfy the eligibility requirements of the *Mandatory Renewable Energy Act 2000*);
- other renewable electricity generating equipment or systems that may become available.

### **Essential enabling equipment including:**

- inverters, batteries, battery chargers, battery trays and stands, cabling, conduit, fuses and fuse holders, DC circuit breakers, isolation switches, DC switchboards, battery warning signs, operation manuals, changeover switches, meters and dedicated structures used solely for housing renewable energy equipment.

### **Essential non-equipment expenditure including:**

- design, a review of energy use, transport and installation.

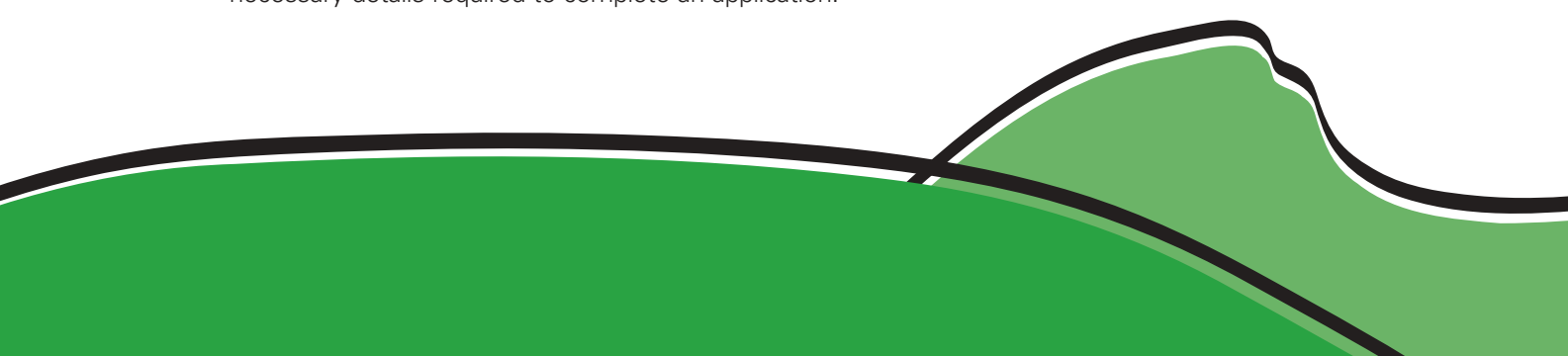


## REBATE CONDITIONS

33. Where an essential piece of equipment or an essential service on which a rebate is sought relates to both equipment eligible for a rebate and equipment not eligible for a rebate, eg a structure that houses both a battery bank and a diesel generator, then the rebate on that essential piece of equipment or service will be calculated on a pro rata basis.
34. Where OEPC considers that the cost of a renewable energy system is too high then the applicant will be required to justify the costs or to obtain two additional quotes for the supply of a similar system. The maximum rebate available under this program is \$40 000, however applications of a higher value may be considered on a case by case basis.
35. Rebates will not be available for renewable energy equipment considered by the OEPC to be excessive for the electrical load demands of a particular facility, nor will they be available for equipment or services that are not considered essential for a proposed renewable energy system. This includes spare parts or back-up units, equipment that will replace existing operational equipment that is appropriate for a given situation, damaged equipment subject to an insurance claim, and equipment that will replace existing repairable equipment.
36. Rebates will not be available for solar hot water systems, energy efficient appliances or equipment, dams for micro-hydro systems, fuel crops and fuel delivery systems for biomass systems, petrol, gas or diesel generators, fuel or any services, materials or equipment provided by applicants.

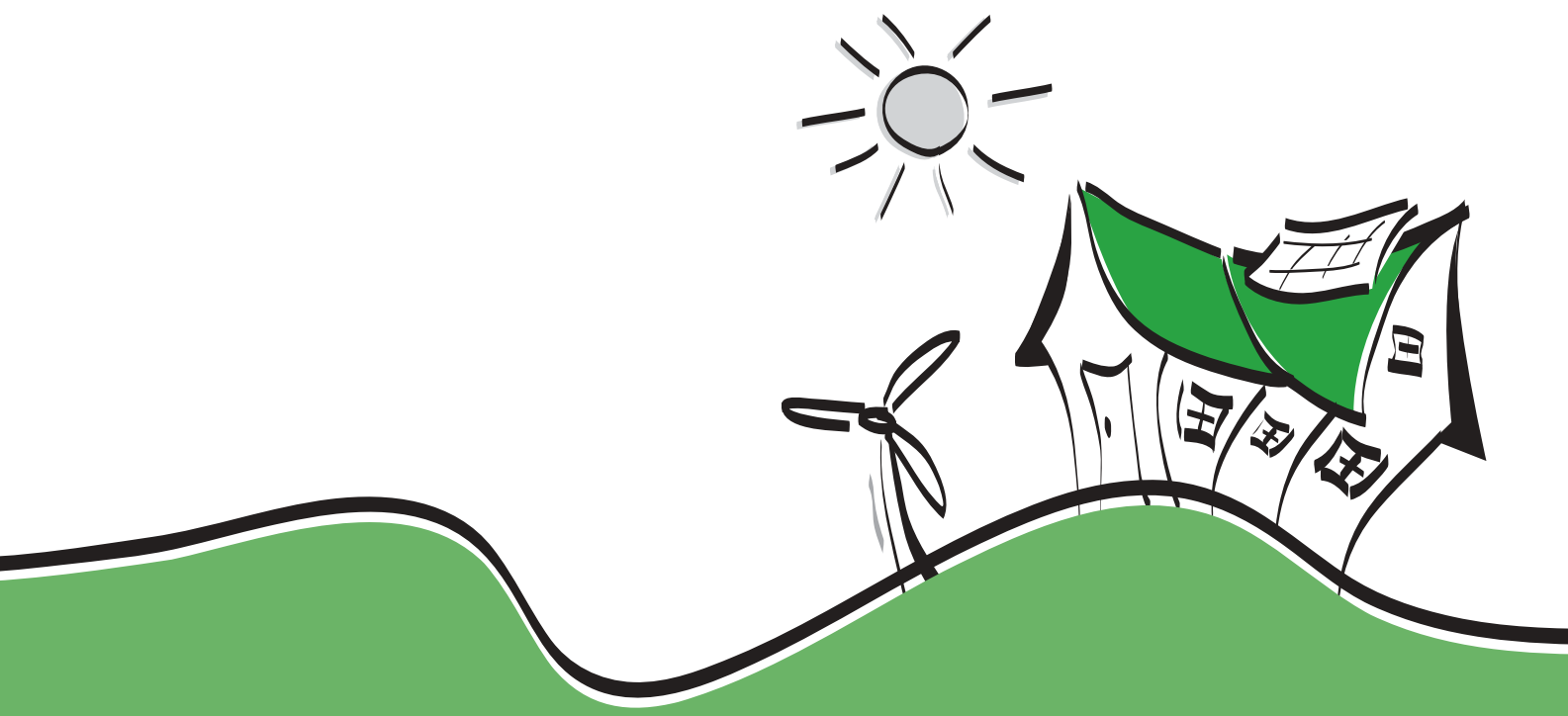
## APPLICATION PROCEDURE

### 37. The procedure for applying for a rebate under the Residential RAPS Program is as follows:

- (a) The applicant obtains and reads these Program guidelines and information about renewable energy equipment and systems.
  - (b) The applicant contacts suppliers of renewable energy equipment to assess electricity demands and determine the appropriate type and size of installation. OEPC recommends that the applicant contact more than one supplier.
  - (c) The applicant completes a Pre-purchase Application form and submits it to OEPC along with any required attachments – the Pre-purchase Application must be approved before equipment or services subject to a funding application are purchased, installed or provided.
  - (d) OEPC assesses the application and approves those that meet the requirements of the Program, subject to available funding. All applicants will be advised of the outcome by mail within four weeks of submitting a fully completed Pre-purchase Application. Successful applicants will also be advised of their rebate entitlement.
  - (e) If an application is approved the applicant then purchases and installs the specified renewable energy equipment or system. Approvals are valid for a period of six months from the date of approval after which time rebates cannot be guaranteed. Requests for extensions must be made in writing prior to the expiry date of the approval period.
  - (f) When the installation of a renewable energy system has been completed the applicant must forward to OEPC a completed Rebate Application form including attachments as required. Required attachments may include (but are not necessarily limited to) relevant receipts or invoices marked paid, a copy of the Electrical Installation Notice, a basic diagram of the installation clearly showing the location of equipment and photographic prints of all major equipment subject to a rebate and the household served by the equipment.
  - (g) OEPC will assess the application and the details of the installed system against the original Pre-purchase Application. A revised rebate may be calculated if there are any differences. Payments of rebates will usually be actioned within six weeks of receipt of a fully and correctly completed Rebate Application, including all necessary attachments. OEPC requires full details (entered onto the relevant forms or attached as required) to assess applications, and hence reserves the right to suspend processing of incomplete applications until all necessary details have been provided. OEPC will advise any applicant so affected of the necessary details required to complete an application.
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## APPLICANT OBLIGATIONS

38. OEPC recommends that applicants seek more than one quote for the supply and installation of a renewable energy system and obtain independent advice on a proposed system.
39. The applicant must complete a standard report on the performance of a power system subject to a rebate on an annual basis for up to five years. The report form will be sent out annually by OEPC. There may be other requests for information, such as telephone or face-to-face interviews from time to time.
40. The applicant must ensure that all equipment on which a rebate has been obtained under this program remains in operation at the specified location for at least five years following payment of the rebate. The exceptions to this are batteries that have reached the end of their life or other equipment that is beyond repair. During the five years following payment of a rebate a representative of the Australian Government or the State may (upon reasonable request) visit the installation in order to assess compliance with program guidelines.
41. Aurora Energy may inspect installations to ensure that systems have been installed as specified and that they comply with technical and safety requirements of relevant Australian Standards and the provisions of the Tasmanian *Electricity Industry Safety and Administration Act 1997* and Tasmanian *Electricity Industry Safety and Administration Regulations 1999*.
42. If the system is removed for any reason, the rebate must be repaid on a pro-rata basis.



## RIGHTS RESERVED BY THE AUSTRALIAN GOVERNMENT AND THE STATE

### No Australian Government or State Warranty

There is no warranty given or implied by the Australian Government or the State on any aspect of the installation funded through the RPPGP and the Australian Government and the State accepts no representations whatsoever for the quality of any other feature of renewable energy systems for which rebates are approved.

### Indemnity

The applicant acknowledges that neither the Australian Government and the State nor any of their authorised representatives accept any liability in respect of any claim or cause of action arising out of, or in relation to any renewable energy system or any system that is the subject of funding assistance. The applicant agrees that it will indemnify and keep indemnified the Australian Government and the State for any claim or liability arising out of or in relation to the renewable energy system that is the subject of this application.

### Breach of Contract

Where it is deemed that a rebate recipient has breached the requirements or conditions of this program OEPC will request that the recipient repay the rebate on a pro rata basis or legal action may be taken to recover the rebate.

### Privacy of Information provided in applications

Personal information collected under this program will only be used for the purpose of assessing applications and for the purposes of reporting to the Australian Government. Personal information may be provided to the Australian Government's Australian Greenhouse Office as required. OEPC may use information of a non-personal nature and aggregated data for the purposes of publicly reporting on the performance of the Program and for research purposes.

### Right to alter Program guidelines

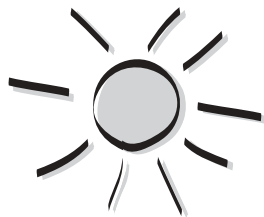
OEPC reserves the right to change Program guidelines at any time. If changes are made, rebates approved prior to the changes will be unaffected.

Applicants should not assume they will receive a rebate on submitting an application. OEPC reserves the right to reject any application that it considers does not meet the requirements set out in these guidelines.

## FURTHER INFORMATION

### Further information is available from:

Residential RAPS Program Officer  
Office of Energy Planning and Conservation  
Department of Infrastructure, Energy and Resources  
GPO Box 936  
HOBART, TAS 7001  
Phone: 1800 105 688  
Fax: (03) 6233 3937  
Email: [remote.power@dier.tas.gov.au](mailto:remote.power@dier.tas.gov.au)  
Web: [www.dier.tas.gov.au/energy/index.html](http://www.dier.tas.gov.au/energy/index.html)  
Current as at January 2004



# RESIDENTIAL REMOTE AREA POWER SUPPLY PROGRAM TASMANIA

## PRE - PURCHASE APPLICATION

**Office use only:** Date Received: \_\_\_\_/\_\_\_\_/\_\_\_\_ Application No.: \_\_\_\_\_

### 1. APPLICANT DETAILS

**Applicant name:**

**Applicant 1:**

\_\_\_\_\_  
Title (eg Mr) Given Name(s) Surname

**Applicant 2:**

\_\_\_\_\_  
Title (eg Mr) Given Name(s) Surname

**Contact Details:**

Residential Address: \_\_\_\_\_

Suburb, town or locality: \_\_\_\_\_ State: \_\_\_\_\_ Postcode: \_\_\_\_\_

Phone (B/H): \_\_\_\_\_ Phone (A/H): \_\_\_\_\_

Mobile: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_ Website/Other: \_\_\_\_\_

Postal Address: \_\_\_\_\_

Suburb, town or locality: \_\_\_\_\_ State: \_\_\_\_\_ Postcode: \_\_\_\_\_

Local Government Area: \_\_\_\_\_ Federal Electorate: \_\_\_\_\_

**Renewable Energy Contractors:** List your preferred contractor first

Supplier's company name and address

1. \_\_\_\_\_

2. \_\_\_\_\_

Contact name and phone number

1. \_\_\_\_\_

2. \_\_\_\_\_

Installer's name (if different from above)

1. \_\_\_\_\_

2. \_\_\_\_\_

Contact name and phone number

1. \_\_\_\_\_

2. \_\_\_\_\_

External project manager name (if applicable) and contact details

\_\_\_\_\_

## 2. ELIGIBILITY REQUIREMENTS

In order to qualify for a rebate under the Residential RAPS Program, applicants must be able to demonstrate that they can comply with all the conditions and procedures set out in this document.

### Grid Connection Cost:

Rebates are not payable for installations and locations that are connected to the main grid or have previously been connected to the main grid, or where electrical and civil grid connection costs (this excludes house wiring, easement compensation, surveying fees, associated legal fees or other indirect costs) are less than \$30,000. Applicants must also be more than 1km from the main distribution grid.

The property at which the rewable power system will be installed is not currently and has never been connected to the main grid  Yes  No

My property is over 1km from the nearest point of the grid. The distance to the edge of the grid is (as the crow flies to the nearest 0.1km)

\_\_\_\_\_ km

If less than 1km from the nearest point of the grid: A written estimate/quote from a registered electrical contractor (on Company letterhead) is attached indicating a grid connection cost of:

\$ \_\_\_\_\_

Property is located at Latitude S \_\_\_\_\_ Deg \_\_\_\_\_ Min \_\_\_\_\_ Dec Deg

or

Longitude E \_\_\_\_\_ Deg \_\_\_\_\_ Min \_\_\_\_\_ Dec Deg

### Current System

Is a remote area power supply currently installed at this location?  
(this includes generators)  Yes  No

**If Yes:** Does your current system incorporate a diesel, petrol or LPG generator?  
(tick both if applicable)  Diesel  Petrol, LPG, Other

Indicate size and number of generator types

\_\_\_\_\_

List any renewable generating equipment

\_\_\_\_\_

Is energy storage (batteries) part of your system?  Yes  No

Do you plan to replace or augment the current system?  Replace  Augment

What is the annual maintenance cost for your current system? \$ \_\_\_\_\_ /yr

What is your typical power availability? \_\_\_\_\_ Hr/day

What is your typical power unavailability? \_\_\_\_\_ Hr/day

How much fuel do you currently use annually?

\_\_\_\_\_ Diesel ( L/year)

\_\_\_\_\_ Petrol (L/year)

\_\_\_\_\_ Other (Specify)

What is the annual cost of fuel  
for electricity generation only?

\$ \_\_\_\_\_  
Diesel

\$ \_\_\_\_\_  
Petrol

\$ \_\_\_\_\_  
Gas

\$ \_\_\_\_\_  
Other

What is the current ratio of power produced by renewable source compared to diesel power?

\_\_\_\_\_ % renewable

\_\_\_\_\_ kWh renewable

### 3. DETAILS ABOUT YOUR PROPERTY

We need to know the location in which you intend to install the new remote area power system.

#### Installation Location:

System installation address: \_\_\_\_\_

Suburb, town or locality: \_\_\_\_\_ State: \_\_\_\_\_ Postcode: \_\_\_\_\_

Do you/does your organisation own this property?

- Own outright       Lease (5 years or more)       Renting  
 Mortgaged       Lease (Less than 5 years)       Other: \_\_\_\_\_

If leased then please provide a copy of the lease document

#### Please provide contact details of the permanent residents of the property:

\_\_\_\_\_

Title (eg Mr)	Given Name(s)	Surname
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Relationship to the property owner (eg):

\_\_\_\_\_  
\_\_\_\_\_

Postal address: \_\_\_\_\_

Suburb, town or locality: \_\_\_\_\_ State: \_\_\_\_\_ Postcode: \_\_\_\_\_

Phone number (B/H): \_\_\_\_\_ Fax number: \_\_\_\_\_

Phone number (A/H): \_\_\_\_\_ Mobile: \_\_\_\_\_

What is the size of the residence/s to be serviced by the proposed renewable energy system?

\_\_\_\_\_ floor area m<sup>2</sup>

Provide directions to get to your property by road, referenced to the nearest major town/city (attach maps or diagrams if necessary):

What is your main reason for deciding to install a RAPS system? (number each box).

- 24 hour power       Reduced fuel and maintenance costs       Rebate scheme  
 Other \_\_\_\_\_

How would you describe your existing power supply system?

- Poor       Average       Good       Excellent

How would you describe your current level of knowledge of renewable RAPS systems?

- Poor       Average       Good       Excellent

In terms of maintaining the RAPS system, indicate what level of involvement you are planning to have with the system maintenance:

- |   |                            |   |                            |  |
|---|----------------------------|---|----------------------------|--|
| <input type="checkbox"/> 1<br>Heavily<br>involved | <input type="checkbox"/> 2 | <input type="checkbox"/> 3<br>Some<br>involvement | <input type="checkbox"/> 4 | <input type="checkbox"/> 5<br>No involvement -<br>to be wholly<br>undertaken by contractor |
|---|----------------------------|---|----------------------------|--|

#### 4. SURVEY INFORMATION CONTINUED

Are you intending to install more appliances and/or use existing appliances more after the RAPS system is installed?

Yes     No     Undecided (will make a decision after the system is installed)

What do you see as the major benefits of installing a renewable energy based RAPS system?

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How will the maintenance of the renewable energy system be carried out?

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Have you received a rebate under a previous State or Federal renewable energy scheme?

Yes     No

**If yes:**

Scheme: \_\_\_\_\_ Rebate amount \$ \_\_\_\_\_

Scheme: \_\_\_\_\_ Rebate amount \$ \_\_\_\_\_

#### 5. DETAILS ABOUT YOUR SYSTEM DESIGNER/SUPPLIER/INSTALLER

**System Designer**

\_\_\_\_\_

Title (eg Mr)	Given Name(s)	Surname
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Organisation: \_\_\_\_\_

Address: \_\_\_\_\_

Suburb, town or locality: \_\_\_\_\_ State: \_\_\_\_\_ Postcode: \_\_\_\_\_

Phone number (B/H): \_\_\_\_\_ Fax number: \_\_\_\_\_

Email: \_\_\_\_\_ Mobile: \_\_\_\_\_

BCSE accreditation number/relevant experience (attach supporting documentation of necessary)

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**System Supplier:** *\*Complete this section if different from System Designer*

\_\_\_\_\_

Title (eg Mr)	Given Name(s)	Surname
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Organisation: \_\_\_\_\_

Address: \_\_\_\_\_

Suburb, town or locality: \_\_\_\_\_ State: \_\_\_\_\_ Postcode: \_\_\_\_\_

Phone number (B/H): \_\_\_\_\_ Fax number: \_\_\_\_\_

Email: \_\_\_\_\_ Mobile: \_\_\_\_\_

BCSE accreditation number/relevant experience (attach supporting documentation of necessary)

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**System Installer:** \*Complete this section if different from System Designer & System Supplier

\_\_\_\_\_

Title (eg Mr) \_\_\_\_\_ Given Name(s) \_\_\_\_\_ Surname \_\_\_\_\_

Organisation: \_\_\_\_\_

Address: \_\_\_\_\_

Suburb, town or locality: \_\_\_\_\_ State: \_\_\_\_\_ Postcode: \_\_\_\_\_

Phone number (B/H): \_\_\_\_\_ Fax number: \_\_\_\_\_

Email: \_\_\_\_\_ Mobile: \_\_\_\_\_

BCSE accreditation number/relevant experience (attach supporting documentation of necessary)

\_\_\_\_\_

**Electrical Contractor’s Details:**

\_\_\_\_\_

Title (eg Mr) \_\_\_\_\_ Given Name(s) \_\_\_\_\_ Surname \_\_\_\_\_

Electrical Contractors Licence Number \_\_\_\_\_

**6. SYSTEM SIZING GUIDELINE**

Complete this section in conjunction with your system designer/installer/supplier.

**Load Requirement and Power Generation:**

	Current	Projected
Average Daily Summer Load:	kWh	kWh
Average Daily Winter Load:	kWh	kWh
Annual Diesel Contribution:	%	%
Annual Petrol Contribution:	%	%
Annual Photovoltaic Contribution:	%	%
Annual Wind Turbine Contribution:	%	%
Annual Other Contribution:	%	%

Details of "other" contribution: \_\_\_\_\_

**Please provide details on the design on your system:**

	Existing System	Proposed System
Peak Capacity (30 min max):	kW	kW
Photovoltaic Generating Capacity:	kWp	kWp
Wind Generating Capacity:	kWp	kWp
Diesel Generator:	kVA/kW	kVA/kW
LPG/Petrol/Other _____	kVA/kW	kVA/kW

**Photovoltaic array:**

If you intend installing photovoltaic panels, is your array:  Fixed, or  Tracking

**Battery storage:**

I am not installing new batteries, or

Battery net voltage: \_\_\_\_\_ V Battery net capacity: \_\_\_\_\_ Ah

**7. DETAILS ABOUT YOUR PROPOSED SYSTEM**

The rebate applies to the direct renewable energy generating equipment such as PV panels and wind turbines plus support equipment such as inverters, batteries, battery stands and housing, cabling and meters. Related non-equipment expenditure such as installation costs is also covered.

At least 30% of the renewable energy system cost (prior to the application of the rebate) must comprise renewable energy generating equipment. This includes, but is not limited to, photovoltaic (PV) arrays, PV array support structures and trackers, wind turbines and towers. Batteries are excluded.

Non-equipment costs reported in this application should also be itemised on your tax invoice (forwarded on completion of installation).

**All components that are to be incorporated into the proposed system must be listed on the following page.**



## 8. OPERATION AND MAINTENANCE OF THE PROPOSED SYSTEM

*\*Complete this section in conjunction with your system designer/installer/supplier.*

### Maintenance will be performed by the following person(s):

*Principal Maintenance:*

\_\_\_\_\_

Title (eg Mr)	Given Name(s)	Surname
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Organisation: \_\_\_\_\_  
(Enter "Owner" if principal maintainer is the owner):

*Support maintenance (optional):*

\_\_\_\_\_

Title (eg Mr)	Given Name(s)	Surname
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Organisation: \_\_\_\_\_

### Maintenance Contract

*Have you established a maintenance contract?*

- Yes, including battery replacement.
- Yes, but not including battery replacement.
- No, there is no maintenance contract.

How long after system installation do you expect to replace the batteries (that is, what is the expected battery life)?

### System Usage Training:

The following training will be provided to the person(s) or organisation(s) responsible for maintenance and basic repair:

### Operation manual

Operational manual incorporating items outlined in item 26 of guidelines will be supplied  Yes

## 9. MONITORING OF THE PROPOSED SYSTEM

Some equipment required to fulfil the monitoring obligations must be considered. Applicants must be able to provide the Office of Energy Planning and Conservation with details on total and renewable energy usage. Please indicate below how you intend to monitor your system:

- I intend to purchase (or use from my current system) the following device(s)  
Or

- I intend to borrow the following device(s) for the duration of my monitoring requirements (state whom from):

*Description of monitoring system:*

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## 10. RESIDENTIAL RAPS APPLICANT DECLARATION

I, \_\_\_\_\_  
Name, address and occupation

Do solemnly and sincerely declare that in accepting this rebate I acknowledge that I am not eligible for any other Australian Greenhouse Office (AGO) funding for the new system equipment, components and installation costs described in this application form. I understand that only extensions to this system maybe eligible for other AGO funding.

**Please check one of the following:**

- I have submitted an application to the Photovoltaic Rebate Program (PVRP) and wish to withdraw this application should my RRP application be approved.
- I have not applied or received funding from the PVRP or any other Australian Greenhouse Office funding source for the new system equipment listed in this form.

**Should this application be approved:**

- I understand that I must install the aforementioned system within six (6) months of the date of approval (You must check this in order to be approved for a rebate).
- I expect to have access to the balance of the funds required to purchase this system within the six (6) month period (You must check this in order to be approved for a rebate).
- I would like the Office of Energy Planning and Conservation to forward a copy of the Residential Remote Area Supply Approval letter to my Supplier/Designer/Installer.  
(You may wish to check this box in order to assist your supplier with ordering and scheduling requirements.)
- I undertake to meet all reporting requirements specified in the guide.

***The information presented in this application form is current and correct. I have read and understood all pages of the Guidelines, and agree to the terms and conditions presented in them.***

I am authorised to sign this declaration on behalf of the owner, or will be the owner of the proposed renewable energy system.

\_\_\_\_\_  
Applicant Signature(s)

\_\_\_\_\_  
Applicant Print Name(s)

Declared at: \_\_\_\_\_  
Place

On \_\_\_\_\_ before me  
Date

The applicant(s) signed this declaration before me. I am over 18 years of age.

\_\_\_\_\_  
Justice Commissioner of Declarations or authorise person signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness Address:

B/H: ( ) \_\_\_\_\_  
Witness phone number

\_\_\_\_\_  
Occupation

*The witness may not be the system designer, supplier or installer (as listed in this application). The witness must not be a contracted employee or immediate family member of the designer, supplier, installer or a contracted employee.*

## APPLICANT CHECKLIST

- Please check that you have correctly completed this application form before submitting it to the Office of Energy Planning and Conservation.
- Read and understood the guidelines.
- Provided all of your personal contact details.
- Supplied property location and ownership details.
- Provided details to confirm permanent residency at the location where the system is to be installed.
- Given grid connection cost estimates and attached any relevant quotes if required.
- Provided name(s) and contact details of the designer, supplier, installer and electrical contractor.
- Supplied details of all the components that your proposed system will comprise including second-hand, existing or other non-rebateable items.
- Provided details of your load requirements and, if applicable, details of your current system and it's fuel usage.
- Included a copy of the energy usage audit performed with your system designer.
- Given details of any maintenance contract you have entered into.

**Please send completed application forms to:**

Residential RAPS Program Officer  
The Office of Energy Planning and Conservation  
Department of Infrastructure, Energy and Resources  
GPO Box 936  
Hobart TAS 7001

**Residential RAPS Program Officer**  
**Office of Energy Planning and Conservation**  
**Department of Infrastructure, Energy and Resources**  
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**HOBART TAS 7001**

*If you have any questions or require assistance completing this booklet,  
please phone: **1800 105 688***

