



Australian Government

Department of the Environment and Water Resources

Australian Greenhouse Office

Renewable Remote Power Generation Programme

Renewable Energy Water Pumping Sub-programme Guidelines

The Renewable Remote Power Generation Programme - Renewable Energy Water Pumping Sub-programme provides rebates for business, government and other incorporated organisations, to support the installation of renewable energy water pumping systems in those areas of Australia not close to a main-grid. The Sub-programme aims to reduce greenhouse gas emissions by decreasing reliance on diesel fuel for remote water pumping applications.

The Renewable Energy Water Pumping Sub-programme provides rebates for the renewable energy components of water pumps that displace diesel engine powered pumps in off-grid applications.

Rebates of 40% of the capital cost of the renewable energy components minus \$1,000 are available to applicants that fully comply with the eligibility requirements and procedures outlined in these guidelines.

To be eligible, applicants must have their *Pre-purchase Application* approved by the administrator before buying and installing new renewable energy water pumps.

Rebates are available to businesses, government and other incorporated organisations that comply with all requirements and procedures outlined in these guidelines. Applicants may apply for rebates for multiple renewable energy water pumping systems up to the maximum rebate level. The maximum rebate level is \$30,000 per site or property.

Rebates are only available for new and complete renewable energy water pumping systems that are designed to deliver a minimum annual average of 8,000 litres per day at a total head of 20 metres (or equivalent).

Terms you need to know

Administrator	The organisation that approves the <i>Pre-purchase Application</i> and <i>Rebate Application</i> . For the details of the administrator in your area, please phone 1300 137 880 or go to www.greenhouse.gov.au/renewable/rrpgp
Applicant	The future owner of the renewable energy water pump.
Designer	The person who designs your renewable energy water pump. They must hold accreditation from the Clean Energy Council or be a member of the Institution of Engineers (Australia) with adequate experience designing renewable energy water pumps.
Supplier	The organisation that supplies the major components and is responsible for assisting with honouring any major component warranty claims.
Installer	The person who installs the renewable energy water pump. By law, all work involving voltages above 50V AC or 115V DC must be carried out by a Licensed Electrical Contractor.
Main-grid	Defined as the National Electricity Grid in Queensland, NSW, Victoria, Tasmania and SA, along with the Mount Isa Grid (Queensland), the Darwin-Katherine grid (NT) plus the South-West and North-West grids in WA.

Renewable energy components and non eligible equipment and services

These terms are defined in sections 26 and 27 of these guidelines.

Application procedure

The procedure for applying for a rebate under the Renewable Energy Water Pumping Sub-programme is as follows:

Step 1

Read these Sub-programme guidelines and information about renewable energy water pumps.

Step 2

The applicant determines the water volume required, total head and site conditions for the particular pumping application. Consideration should be given to seasonal variations and future needs.

Step 3

Contact designers and suppliers of renewable energy water pumps to determine the appropriate type and size of pump required. It is recommended that the applicant obtain quotes from more than one supplier.

Step 4

Complete a *Pre-purchase Application* form in conjunction with the supplier and submit it to the Administrator together with the required attachments. **The *Pre-purchase Application* must be approved by the Administrator before equipment subject to a funding application is purchased and installed.**

Step 5

The Administrator assesses the application and approval is granted if it meets the requirements of the Sub-programme. All applicants will be advised of the outcome by mail usually within six weeks of the administrator receiving a fully completed *Pre-purchase Application*. Successful applicants will also be advised of their rebate entitlement.

Step 6

If the *Pre-purchase Application* is approved, purchase and install the specified renewable energy water pump. Approvals are valid for a period of six months from the date of approval, after which the approval expires and an applicant's rebate cannot be guaranteed.

Step 7

When the installation of a renewable energy water pump has been completed, forward to the Administrator a completed *Rebate Application* form including all required attachments. Required attachments include (but are not necessarily limited to) relevant receipts or invoices marked paid and photographs clearly showing the renewable energy water pump installed at the given site. The *Rebate Application* form must be forwarded within the six month approval period.

Step 8

The Administrator will assess the *Rebate Application* and the details of the installed renewable energy water pump against information provided in 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 required attachments. The rebate will be paid to the applicant unless they advise in the *Rebate Application* that the rebate is to be paid to the supplier.

Note: The Administrator requires full details (entered into the relevant forms or attached as required) to assess applications and reserves the right to suspend processing of incomplete applications until all necessary details have been provided. Applicants will be advised by the Administrator if further details are required to complete an application.

Eligibility requirements

1. The applicant must be a business, government agency or incorporated organisation that is registered for GST. The proposed renewable energy water pump must serve a purpose that is essential to the operation of the organisation submitting the application.
2. The applicant must be the future owner of the proposed renewable energy water pump. For businesses, applications must be submitted by the owner of the business or by an authorised representative. For other organisations, applications must be submitted by the governing authority of the organisation.
3. Applicants must ensure that the balance of the costs are available, that the renewable energy water pumping system requirements of this Sub-programme are satisfied, that the supplier, designer and installer requirements of this Sub-programme are satisfied and that sufficient resources will be available for the successful implementation of projects and ongoing operation and maintenance of the renewable energy water pump.
4. The balance of the costs of the proposed renewable energy water pump may come from any source except for other funding provided through the Australian Greenhouse Office or other Australian Government rebate or grant programmes.
5. The applicant must ensure a renewable energy water pump on which a rebate has been obtained under this Sub-programme remains at the specified site for at least five years following installation. Applicants must demonstrate a right to operate at the specified site for at least five years.

Renewable energy water pumping system requirements

6. For the purposes of this Sub-programme, not close means at least 1 kilometre from the nearest main-grid line. Sites less than 1 kilometre from a main-grid line may be required to provide written evidence from the local network service provider that the total cost to connect to the main-grid is more than \$30,000.
7. The proposed renewable energy water pump must replace an existing diesel powered pump or must be used where a diesel powered pump would otherwise have been used. The proposed renewable energy water pump must be designed to deliver a minimum annual average of 8,000 litres per day at a total head of 20 metres (or equivalent).
8. Renewable energy water pumping installations must meet all relevant standards and regulations. Applicants must obtain all the required government approvals and the appropriate water extraction license from the relevant government department.
9. Renewable energy water pumps on which a rebate is sought must be **new** and must be **complete systems** (i.e. must incorporate new renewable energy equipment and new essential enabling equipment, as appropriate) and must be purchased and installed **after** a *Pre-purchase Application* has been approved by the Administrator.
10. Renewable energy water pumping systems and their components must be new, reliable, capable of operating successfully in remote areas, safe and must meet all relevant Australian and International standards and regulations.
11. Appropriate warranties for complete renewable energy water pumping systems and for individual system components must be provided. A minimum one-year warranty must be provided for complete renewable energy water pumping systems. Manufacturers' warranties for all major components must be for a minimum period of one year, with the exception of photovoltaic modules for which manufacturer's warranties must be for a period of ten years or more.

Supplier requirements

12. Suppliers of renewable energy water pumps should have experience in supplying renewable energy water pumps similar to those proposed in applications. Suppliers must be capable of providing technical advice to applicants and installers, assisting in repair and maintenance of renewable energy water pumps, providing replacement components and assisting in honouring of warranty claims. Suppliers must provide installers with detailed instructions on properly and safely installing the renewable energy water pump.
13. Suppliers must be adequately insured for the purposes of supplying equipment and systems proposed in applications. At a minimum, public liability insurance with \$5 million cover is required.

14. Rebates will not be available for applications involving suppliers that have breached, or have knowingly been involved in a breach of, the requirements of this Sub-programme or other RPPG Sub-programmes.
15. Suppliers must provide an *Operation Manual* for each renewable energy water pump supplied which includes:
 - a) a list of equipment supplied, including warranties and manufacturers' documentation;
 - b) technical specifications;
 - c) operational procedures;
 - d) a guide to shutting down, isolating and re-starting the system; and
 - e) maintenance procedures and timetable.
16. Suppliers must agree with applicants in regard to:
 - a) warranties for renewable energy water pumps and system components, including procedures for assisting warranty claims;
 - b) the availability of support in case of system malfunction or equipment failure;
 - c) the roles and responsibilities of the supplier and the applicant for operating, maintaining and repairing the renewable energy water pump;
 - d) the availability of repair services and replacement components (availability of replacement components, local stockists of components, local providers of repair services); and
 - e) the estimated water delivery required for the given pumping application and the expected output of the renewable energy water pump.
17. Responsibility for operating, maintaining and repairing the renewable energy water pump may rest with the applicant (or a contracted service provider) where this is agreed with the supplier. The applicant (or contracted service provider) must be capable of carrying out the relevant tasks.

Designer requirements

18. The renewable energy water pumps must be designed by a competent person with experience in designing renewable energy water pumps similar to those proposed in the applications.
19. Designers should possess a good understanding of environmental conditions experienced in remote areas of Australia, a thorough knowledge of relevant standards and other requirements, and a high level of awareness of commercially available system components and technologies.
20. The renewable energy water pump must be designed in accordance with relevant standards and the provisions of the relevant State electricity regulations and the provisions of any other relevant regulations.
21. Designers must be adequately insured for the purposes of designing renewable energy water pumping systems. At a minimum, public liability insurance with \$5 million cover is required.

Installer requirements

22. All work involving voltages in excess of 50V AC or 115V DC must be carried out by a Licensed Electrical Contractor.
23. The system must be installed in accordance with relevant standards and with the provisions of the relevant electricity regulations. A *Notice of Completion* or similar certification must be submitted to the appropriate authority upon completion of electrical work involving voltages in excess of 50V AC or 115V DC and a copy provided to the applicant.
24. Installers must be adequately insured for the purposes of installing renewable energy water pumping systems proposed in applications. At a minimum, public liability insurance with \$5 million cover is required. Where an applicant proposes to install a renewable energy water pump the applicant carries out the installation at their own risk.

Rebates available

25. Applicants that fully satisfy the requirements of this Sub-programme will be entitled to a rebate on the costs of the renewable energy components of eligible pumps. Rebates are calculated at 40% of the renewable energy component costs (GST-exclusive) minus \$1,000.

- For example: for a solar pump with a total cost of \$8,500 and a GST-exclusive renewable energy component cost of \$6,000, a rebate of $\$6,000 * 40\% - \$1,000 = \$1,400$ may be available.

26. Rebates are only available for new and complete renewable energy water pumps incorporating new renewable energy generating equipment, new pump and new enabling equipment as appropriate.

27. Rebates may be approved for renewable energy components of RE pumps, including as appropriate:

Renewable energy components

- a) photovoltaic modules;
- b) windmill heads;
- c) wind turbines;
- c) fixed or tracking support structures for photovoltaic modules;
- d) towers for windmills and wind turbines;
- e) regulators for controlling the output of renewable generating equipment, including maximum power point trackers;
- f) electronic power converters and controllers essential for the use of renewable energy sources; and
- g) cumulative flow meters.

28. This programme does not provide rebates for:

Non eligible equipment and services, including but not limited to

- a) actual pumps themselves, pump housings, pump support structures, pump rods, pump anchor cable of other pump components;
- b) concrete footings or trailers;
- c) electric motors used to drive pumps and cabling between motors and renewable energy sources;
- d) batteries for electrical storage;
- e) fossil fuelled engines or generators;
- f) piping, pipe fittings, bores, bore casings, water tanks, dams or earthworks;
- g) design, installation and transportation;
- h) equipment or services that are not considered essential for renewable energy water pump operation, including spare parts;
- i) any materials, equipment, services or components contributed by the applicant;
- j) a renewable energy water pump considered to be excessively large for a particular pumping application;
- k) renewable energy water pumping equipment that is not new or has been purchased before a *Pre-purchase Application* has been approved;
- l) land and any costs associated with land tenure;
- m) renewable energy water pumps that will replace:
 - i. an existing operational renewable energy water pump;
 - ii. an existing damaged renewable energy water pump that is easily repairable;
 - iii. a damaged renewable energy water pump that is insured; and
 - iv. a renewable energy water pump that has previously received an Australian Government rebate.

29. A list of the costs of major individual components and services broken down into Renewable Energy components and Non eligible equipment and services, must be provided in the *Pre-purchase Application* form.

30. Rebates are only available for equipment and services for which valid tax invoices or receipts are provided.
31. For organisations and businesses, there may be tax implications from receiving a rebate; please consult an appropriate financial advisor for advice.
32. Where it is considered that the cost of a proposed renewable energy water pump is too high, or that the cost of the renewable energy component or any other component of a pump is too high, then the applicant or the supplier will be required to justify the cost and the applicant may be required to obtain two additional quotes for the supply of an equivalent renewable energy water pump.
33. Applicants may apply for rebates for multiple, separate renewable energy water pumps, either through a single application or through separate applications, as long as all criteria are met for each separate renewable energy water pumping system. The maximum rebate level is \$30,000 per site or property for farms, pastoral stations, communities, towns and other sites.
34. The Department of the Environment and Water Resources has the final determination as to what systems and costs are eligible for a rebate under these guidelines. Unproven technologies are not eligible.
35. Approval of rebates is subject to the availability of funds under the Renewable Energy Water Pumping Sub-programme.

Applicant obligations

36. *Equipment to remain at project location*
The applicant must ensure that all equipment on which a rebate has been obtained under this Sub-programme remains in operation at the specified location for at least five years following installation. If a renewable energy water pump on which a rebate has been received is removed from the site for any reason within five years of installation, the rebate may be required to be repaid.
37. *Inspection of systems*
During the five years following installation, after reasonable request, a representative of the Australian Government or its agents, may visit and photograph the installation and site in order to assess compliance with these Sub-programme guidelines.
38. *Safety*
Appropriately qualified Australian or state government representatives (or their agents) may inspect installations at any time, to ensure that systems comply with relevant safety requirements.
39. *Breach of contract*
Where it is deemed that a rebate recipient has breached the requirements of this Sub-programme, the recipient is obligated to rectify the breach or to repay the rebate. The Administrator or the Australian Greenhouse Office, within the Department of the Environment and Water Resources may take legal action to recover rebates from rebate recipients that breach the requirements of this Sub-programme.
40. *Publicity of systems*
Applicants should ensure that any publicity about their renewable energy water pump acknowledges that a rebate was provided by the Australian Government.

Rights reserved by the Australian Government or its agents

41. *No Australian Government or its agents warranty*
There is no warranty given or implied by the Australian Government or its agents on any aspect of renewable energy water pumps funded through the Renewable Energy Water Pumping Sub-programme. The Australian Government and its agents accept no representations whatsoever for the quality of, or any other feature of, renewable energy water pumps for which rebates are approved, or for the quality of services provided by suppliers of renewable energy water pumps.
42. *Indemnity*
The applicant acknowledges that neither the Australian Government nor any of its authorised representatives nor its agents accept any liability in respect of any claim or cause of action arising out of, or in relation to, any renewable energy water pump or equipment that is the subject of rebates. The applicant agrees that it will indemnify and keep indemnified the Australian Government and its agents for any claim or liability arising out of, or in relation to, a renewable energy water pump that is the subject of a *Pre-purchase Application* or *Rebate Application*.

43. *Information rights*

Information provided to Administrators in or in relation to applications to the Sub-programme may be provided to other government agencies as required. Administrators and government agencies may use all information provided for the purposes of assessing applications and administering the Sub-programme. Administrators and the Australian Government reserve the right to use information of a non-confidential nature and aggregated data for the purposes of publicly reporting on the performance of the Sub-programme. Intellectual property rights in information developed as part of the programme, excluding commercially confidential information, remain the property of the Australian Government.

44. *Privacy and confidentiality of information provided in applications*

Information of a personal or confidential nature collected under this Sub-programme will be kept private and confidential by Administrators and the Australian Government.

45. *Right to revise Sub-programme*

The Australian Government reserves the right to change these Sub-programme guidelines at any time. If changes are made, *Pre-purchase Applications* approved prior to the changes will be unaffected. The Australian Government reserves the right to end the Sub-programme if available funds are exhausted or for any other circumstances. Any *Pre-purchase Applications* approved prior to such a termination will be unaffected.

46. *Right to reject Pre-purchase Application and Rebate Application*

Applicants should not assume they will receive a rebate on submitting a *Pre-purchase Application*. Administrators reserve the right to reject any *Pre-purchase Application* and *Rebate Application* that is considered to not meet the requirements set out in these guidelines, and will be the sole arbitrator in determining if the requirements are met and the rebate level applicable.

Further information

Further information on the REWP Sub-programme is available by phoning **1300 137 880** or from **www.greenhouse.gov.au/renewable/rrpgp**

Further information on renewable energy water pumping systems is available from **www.rise.org.au/info/Applic/index.html**