Australian Government
Office of the Renewable Energy Regulator

Office use only:

File no:

Application for Accreditation of a Power Station

Version 4.0
September 2009

Who can apply for the accreditation of a power station?
Section 13 (1) of the *Renewable Energy (Electricity) Act 2000* (the Act) specifies that only a 'Registered Person' may apply for the accreditation of a power station. A 'Registered Person' can be either the owner or operator of the power station. If the applicant is not a 'Registered Person' then an 'Application for Registration' form must be completed and lodged simultaneously with this form. The 'Application for Registration' form is available from the Office of the Renewable Energy Regulator (ORER) website (www.orer.gov.au).

Should the 'Application for Accreditation of a Power Station' be approved by the Regulator, section 15B of the Act specifies that the applicant becomes the 'Nominated Person' for the power station. This means that the 'Registered Person' will become the 'Nominated Person' for the purposes of the Act. Where the owner(s) and/or operator(s) of a power station are different legal entities, all parties must identify their association with the power station, sign this application form and notify which entity will be the 'Nominated Person'.

Note that only the 'Nominated Person' is able to create Renewable Energy Certificates (RECs) for eligible generation from the power station. The ORER will only discuss the application for accreditation and other related correspondence with the elected 'Nominated Person'.

The application process
When a completed 'Application for Accreditation of a Power Station' form is submitted it will be assessed by the ORER. When the application is deemed to be correctly made, the Nominated Person will be notified by email to pay an accreditation fee online through the REC Registry (www.rec-registry.gov.au). Once the fee has been paid, details of the power station will be listed on the public 'Register of Applications for Accredited Power Stations' (accessed via the REC Registry) and the application process will continue. If the application is 'properly made' under section 13 of the Act, and the Regulator approves the application under sections 14 and 15 of the Act, the power station will be listed on the 'Register of Accredited Power Stations' and thus be eligible to create RECs. The Nominated Person will be entitled to create RECs for eligible electricity that was generated after the date the application was deemed to be properly made under section 13 of the Act. If the power station begins generating electricity after this date, RECs can be created from the date the power station begins generating eligible electricity.

Applicants should be aware that their nominated person account name, the address of the power station, the power station baseline and the details regarding the renewable energy source used in the power station will be listed on the public register and the ORER website.

Assistance in completing this form
Applicants should refer to the **'Explanatory Notes – Application for Accreditation'** (the Explanatory Notes) to help complete this form. Applicants should also familiarise themselves with the Act and the *Renewable Energy (Electricity) Regulations 2001* (the Regulations). All relevant information can be downloaded from the ORER website.

Please submit (by post) completed original signed forms to:

Office of the Renewable Energy Regulator
GPO Box 621
CANBERRA ACT 2601

The Office of the Renewable Energy Regulator can be contacted by:

- Phone on: (02) 6159 7700
- Email on: orer@orer.gov.au

Office Use Only:

Nominated Person for the power station: _____

Power station name: _____

Date Received: _____

Application for Accreditation of a Power Station

For information regarding the required attachments, application assessment processes, or for assistance in completing this form, please contact the ORER on (02) 6159 7700.

Application for Accreditation of a Power Station check list – please cross the completed sections of the return:

- ☐ Section A – Owner Details. This section must be completed by all. Provide details of the power station owner. Where there are multiple owners, this section should be copied and completed as appropriate.
- ☐ Section B – Operator Details. This section must be completed only if the operator is a separate legal entity to the owner. Where there are multiple operators, this section should be copied and completed as appropriate.
- ☐ Section C – Nominated Person Details. This section must be completed by all. Specify who will receive the power station accreditation code and create the renewable energy certificates (RECs).
- ☐ Section D – Power Station Details. This section must be completed by all. Specify in detail the components of the system that the applicant considers to be a single power station.
- ☐ Section E – Renewable Energy Source Details. This section must be completed by all. List the eligible renewable energy sources from which power is intended to be generated. Where the fuel source is Wood Waste, Energy Crops, Hydro, or Landfill gas, attachments must provided with this application as detailed on page 6.
- ☐ Section F – Metering Details. This section must be completed by all. Provide details of the metering used by the power station. Single line diagrams of the power station, with the electricity meters clearly highlighted, must be attached to this application.
- ☐ Section G – REC Methodology. Provide details of the proposed methodology for calculating the REC eligibility for the power station.
- ☐ Section H – Approval Details. This section must be completed by all. All relevant approvals must be listed in this section. Copies of the relevant approval must be provided with this application.
- ☐ Section I – Generation Details. This section must be completed by all. Provide details of the date of initial electricity generation and baseline information. If the power station first generated electricity before 1 January 1997 the relevant generation data must be attached as detailed on page 10.
- ☐ Section J – Generation Projections. This section must be completed by all. Provide estimates of electricity generation for current and future generation years for each renewable energy source specified in section E.
- ☐ Section K – Declaration. This section must be completed by all. Both the owner and operator (where appropriate) must sign this section of the form. Before signing, both parties should ensure all the details are correct and that the elected Nominated Person has been approved by both parties (where appropriate).
- ☐ Attachments: Please submit all relevant attachments, including generation data, fuel eligibility sheets, and approvals.

SECTION A – Owner Details

Please provide details of the owner of the power station. If there are multiple owners, copy this page and fill it out as appropriate.

Company/Individual Name The company name must be the same as the REC Registry Account Name unless a Trading name is used	
ABN	
Trading Name (if different)	
Which name will be used within the online REC Registry?	Company name ☐ Trading name ☐
Company Postal Address	
Town/Suburb	
State / Postcode	

Primary Contact*

Title (Mr, Mrs, etc.) / Name	
Position	
Phone / Fax	( ) / ( )
Mobile	
Email	

** If the owner will act as the 'Nominated Person' for the power station (see Section C), then please ensure that the Primary Contact person is a User in the owner's REC Registry account.*

Chief Executive Officer or equivalent

Title (Mr, Mrs, etc.) / Name	
Position	
Phone / Fax	( ) / ( )
Mobile	
Email	

Are the owner and operator of the power station the same legal entity?

Yes ☐ ⟶ Go to Section C

No ☐ ⟶ Please complete Section B

SECTION B – Operator Details

Please provide details of the operator of the power station if the operator and owner are different legal entities. If there are multiple operators, copy this page and fill it out as appropriate.

Company/Individual Name The company name must be the same as the REC Registry Account Name unless a Trading name is used	
ABN	
Trading Name (if different)	
Which name will be used within the online REC Registry?	Company name ☐ Trading name ☐
Company Postal Address	
Town/Suburb	
State / Postcode	

Primary Contact*

Title (Mr, Mrs, etc.) / Name	
Position	
Phone / Fax	( ) / ( )
Mobile	
Email	

** If the operator will act as the 'Nominated Person' for the power station (see Section C), then please ensure that the Primary Contact person is a User in the operator's REC Registry account.*

Chief Executive Officer or equivalent

Title (Mr, Mrs, etc.) / Name	
Position	
Phone / Fax	( ) / ( )
Mobile	
Email	

SECTION C – Nominated Person Details

This section must be completed by the relevant stakeholder who will act as the 'Nominated Person' in all future interactions with the ORER and the REC registry.

1 Who will be the 'Nominated Person' to receive the accreditation code and create renewable energy certificates (RECs)?

Owner ☐	Operator ☐

If the Owner and the Operator of the power station are different legal entities both parties must sign this form

2 Is the Nominated Person registered as a 'Registered Person' in the REC Registry with the ORER?

Yes ☐	No ☐
Go to question 3	Go to 4

3 What is the Nominated Person's registration number?

Registration numbers can be found by searching the REC Registry 'Register of Registered Persons' at www.rec-registry.gov.au

4 Please complete an 'Application for Registration' form with this application. The 'Application for Registration' form is available from the ORER website (www.orer.gov.au). Note that you will also need to create a REC Registry account.

SECTION D – Power Station Details

Provide details of the power station

5 Proposed power station name

The power station name should relate to the location of the power station

6 Latitude and Longitude of power station

Please provide latitude and longitude in degrees-minutes-seconds format

7 Physical Address of power station

Town/Suburb

State

Postcode

8 Is the power station connected to, located near, or an expansion of an existing power station?

No ☐ Yes ☐ →

If Yes, provide relevant details including whether the power stations use the same renewable energy source.

9 What is the capacity of the power station? MW

10 Specify the components of the electricity generation system that you consider to be a single power station. Refer to Schedule 1 of the Regulations for details.

Please attach photographs of the power station to this application

SECTION E – Renewable Energy Source Details

Provide details of the renewable energy source(s) utilised by the power station. You must attach the special requirements documentation as appropriate.

11 Indicate which renewable energy sources are utilised by the power station

Eligible Renewable Energy Sources			**Fossil and Ineligible Fuels**
☐ Agricultural waste ☐ Bagasse ☐ Biomass based components of MSW* ☐ Black liquor ☐ Energy crops ☐ Food waste ☐ Food processing waste	☐ Geothermal – Aquifer ☐ Hot dry rock ☐ Hydro ☐ Landfill gas* ☐ Ocean ☐ Sewage gas and biomass based components of sewage*	☐ Solar ☐ Tide ☐ Waste from processing of agricultural products ☐ Wave ☐ Wind ☐ Wood waste Other: _____	☐ Black Coal ☐ Lignite (Brown Coal) ☐ Diesel ☐ Natural Gas ☐ Coal Seam Methane ☐ Oil Other: _____

* Please describe component renewable energy sources

Special Requirements

11a **Wood Waste:**
If using Wood Waste you must attach documents which demonstrate that one or several sources of the Wood Waste meet the eligibility requirements in Regulation 8 of the Regulations. 'Wood Waste Eligibility Assessment Sheets' can be downloaded at www.orer.gov.au/publications/woodwaste.html for assistance in meeting this requirement.

11b **Energy Crops:**
If using Energy Crops you must attach documents which demonstrate compliance with the eligibility requirements in Regulation 9 of the Regulations.

11c **Hydro:**
Hydro power stations must attach a diagram of the complete scheme indicating full supply levels, water courses, interconnected power stations, pumping equipment and metering sites.

11d **Landfill Gas:**
Landfill gas power stations must attach maps of the landfill site, generation location, nearby landfill gas sites and generators, and details of gas or electrical interconnections between generators and landfill gas cells.

SECTION F – Metering Details

Provide details of the power station metering

12 Is the electricity generated by the power station metered?

Yes ☐ | No ☐

13 Is the power station in the National Electricity Market (NEM)?

No ☐ Yes ☐ ⟶ NMI

NMI is the National Metering Identifier of the power station.

14 Does the metering comply with NEM or other jurisdictional standards?

Yes - NEM ☐ | Yes – Jurisdictional ☐ | No ☐

15 Is the power station directly connected to a transmission network, a local distribution network, or is all generated electricity used internally within the facility?

Transmission ☐ | Distribution ☐ | Internal Use ☐

If transmission network connected: provide details of the Transmission Network Identifier (TNI) code and the Marginal Loss Factor (MLF) or equivalent. Indicate whether these are calendar or financial year loss factors.

TNI Code (from NEM):

MLF (or equivalent):

For Year:

16 Do the meters measure all auxiliary and imported electricity?

Yes ☐ | No ☐

17 Describe the meter details.
For all the meters include the meter type, manufacturer, model, serial numbers, class and accuracy, etc.

18 Describe the metering point(s).
For all meters describe what the meter measures (such as power station imports or power station exports), and the location of the meters with reference to the electrical single line diagram.

19 Describe the electricity generation process. Include the generation voltage and how the voltage is stepped up or down before use (either internal or feeding into electricity networks).

20 Who is the buyer of the electricity generated by the power station?

21 Name the suburb and/or a physical landmark at the location where electricity is fed from the revenue/tariff meter into the distribution or transmission network (where applicable).

Please attach a single line electrical diagram(s) of the power station to this application. Clearly highlight the location of each of the meters.

SECTION G – REC Methodology

Provide details of how you will measure the eligible electricity to calculate the power station's REC entitlement should the power station accreditation be approved by the Regulator.

The amount of eligible electricity generated by an accredited power station is defined by Regulation 14(1).

Regulation 14(1) states:

The amount of electricity generated by an accredited power station in a year is:

$$TLEG - (FSL + AUX + (DLEG \times (1 - MLF)))$$

where:

***TLEG** is the total amount of electricity, in MWh, generated by the power station in the year, as measured at all generator terminals of the power station in the year.*

***FSL** is the amount (if any) of electricity, in MWh, generated by the power station in the year using energy sources that are not eligible renewable energy sources, worked out under regulation 15.*

***AUX** is the auxiliary loss, in MWh, for the power station for the year*

Note See regulation 16 in relation to working out the auxiliary loss if some of the electricity generated by the power station in the year was generated using energy sources that are not eligible renewable energy sources.

***DLEG** is the amount of electricity, in MWh, transmitted or distributed by the power station in the year, measured:*

a) if the power station is part of the national electricity market – at the point determined under the National Electricity Rules; or

b) in any other case – at the point determined by an authority of the State or Territory where the power station is.

***MLF** is the marginal loss factor, to allow for the amount of electricity losses in transmission networks, determined by:*

a) if the power station is part of the national electricity market – AEMO; or

b) in any other case – an authority of the State or Territory where the power station is.

Note that the definition of ***AUX*** is refined in Regulation 3B. Regulation 3B states:

(1) For a power station, auxiliary loss means the amount of electricity used in generating electricity, and operating and maintaining the power station, but does not include any electricity used for network control ancillary services.

(2) For a hydro electric power station, auxiliary loss also includes the amount of electricity that is used to pump or to raise water before its release for hydro electric generation.

22 Describe the methodology which you propose to employ to calculate the eligible electricity from Regulation 14 in the event that the Regulator approves the application. Include a description of which meters (as previously listed) will be used to measure *TLEG, AUX, FSL and DLEG* where appropriate. Please see the Explanatory Notes for assistance.

The ORER has published a methodology for calculating the REC eligibility for **MSW Combustion** and the co-firing of **Wood Waste** (available from http://www.orer.gov.au/publications). Please indicate if you will be using the ORER's proposed methodology where applicable.

The ORER reserves the right to refuse a proposed methodology, and require that the ORER methodology be used.

SECTION H – Approval Details

Provide details of the power station approvals

23	Has the power station obtained all relevant planning, building or other approvals (Commonwealth, State/Territory, and local)?	Yes ☐	No ☐
	List approvals, date obtained, and expiry dates		
24	Has the power station obtained all relevant environmental approvals (Commonwealth, State/Territory, and local)?	Yes ☐	No ☐
	List approvals, date obtained, and expiry dates		
25	Did any of the approval processes include a test for the ecological sustainability of the project?	Yes ☐	No ☐
	If Yes: List which processes		
	If No: List the reasons		
26	Is the renewable energy source harvested?	Yes ☐	No ☐
	If Yes: Describe the processes under which the harvesting of the renewable energy source was approved (Commonwealth, State/Territory, and local).		

Attach copies of all approvals to this application

SECTION I – Generation Details

Provide details of the electricity generation history of the power station

27 Date when electricity was or will be generated for the first time

28 Is the power station part of a group of power stations using the same renewable energy source?

Yes ☐ No ☐

If the power station first generated electricity *before* 1 January 1997 please answer the remaining questions in this section. If the power station first generated (or will generate) electricity *after* 1 January 1997 continue to Section J.

A *1997 eligible renewable power baseline* (baseline) is calculated for those power stations that commenced generation before 1 January 1997. Schedule 3 of the Regulations specifies the guidelines for determining the baseline.

All applicants must attach monthly generation data from the 1994-2000 period.

Hydro Generators should provide monthly generation data for the 1987-2000 period.

Bagasse Co-generation power stations should provide monthly generation data for the 1990-2000 period.

Monthly generation data should detail the gross generation, auxiliary losses in the power station, net generation, and marginal loss factors (see suggested format in the Explanatory Notes). Applicants should attach descriptive comments to the generation data to indicate if the data represents normal operating practice or if unusual events occurred to distort the generation figures. Applicants should discuss their need for, and capacity to provide, monthly data as part of the accreditation process with the ORER. Applicants must supply evidence to verify the accuracy of the generation data supplied in the application. This can, for example, include third party certified meter readings or monthly/quarterly invoice data.

Generation data must be provided with this application in both electronic (excel or similar) and hard copy.

29 Are you seeking a default baseline calculated from generation in 1994, 1995 and 1996?

Yes ☐ No ☐ → Nominated baseline period

List the nominated baseline period and the reasons why the default period is not being used

30 Do these years represent typical generation years?

Yes ☐ No ☐ → Why Not?

SECTION I – Continued

31 Was actual data available for the nominated baseline period or was modelling required?

Modelling Required ☐ Actual Data ☐ → Continue to question 26

If modelling was required: provide the name and contact details of the person who undertook the modelling for the power station.	
Do you consent to the ORER contacting this person if necessary?	Yes ☐ No ☐

32 What is your proposed baseline? MWh

SECTION J – Generation Projections

Please provide the electricity generation projections

33 Provide estimates of electricity generation levels for current and future years from each eligible renewable energy source.

Please fill in as many rows as required:

Calendar Year(s) (eg 2009–2020)	**Renewable Energy Source**	**Projected Generation (per annum)**	
			MWh

Applicants should note that details of projections will not be binding. However, they may be used to track progress of generation levels against liability requirements and for the preparation of office reports.

34 Detail any changes in capacity of the power station over the period of operation. If this is an existing power station, provide details of all past, as well as future, changes in power station capacity.	
35 What is the total projected cost of the power station?	$

SECTION K – Declaration

Both the owner and the operator are required to sign this declaration (where applicable)

I, ... (insert name), as the owner of the power station, am an authorised representative of . ..... (insert company name) and certify that all of the above details are correct at the time of completing this application form.

I, ... (insert name) as the operator of the power station, am an authorised representative of ..... (insert company name) and certify that all of the above details are correct at the time of completing this application form.

I am aware that my name, the power station name, location, accreditation code, baseline and the renewable energy sources to be used in the power station, as provided in this application, will be used and some details will be made publicly available on the internet based registry system, known as the REC Registry.

I authorise the Renewable Energy Regulator and the Regulator's delegates to access meter data to assist with the accreditation of the power stations as provided in this application and for the subsequent validation of any RECs created by this power station.

I also acknowledge that there may be penalties applied for providing false or misleading information in this form and that I am authorised to make this application on behalf of the power station named in this form.

I have attached all relevant documentation in support of this application. (Please tick or provide details of the attachments).

- ☐ Photographs of the power station
- ☐ A single line electrical diagram(s) outlining the metering points and accuracy of the meters
- ☐ Copies of all relevant approvals
- ☐ Relevant generation data, if applicable

……	……	……/……/……..	
Name (owner)	Signature	Date	Place
……	……	……/……/……..	
Name (witness)	Signature	Date	Place
……	……	……/……/……..	
Name (operator)	Signature	Date	Place
……	……	……/……/……..	
Name (witness)	Signature	Date	Place