National GreenPower Accreditation Program: Annual Compliance Audit

1 January 2008 to 31 December 2008

NSW GOVERNMENT | Industry & Investment

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1. Introduction

1.1 Background

The National GreenPower Accreditation Program (the Program) was established in 1997 to support the growth of the renewable energy industry in Australia. The aim of the Program is to encourage the installation of new GreenPower generation facilities through increasing consumer demand and confidence in accredited GreenPower "Products". This is achieved by allowing eligible electricity retailers, known as GreenPower "Providers" under the Program, to provide consumers access to electricity produced from renewable sources (via the purchase of Renewable Energy Certificates). .

The Program is offered through a joint collaboration of participating government agencies in New South Wales (NSW), Victoria (VIC), Queensland (QLD), South Australia (SA), Australian Capital Territory (ACT) and Western Australia (WA) and is governed by the National GreenPower Steering Group (NGPSG). Industry and Investment NSW (I&I NSW) is the Program Manager, and is responsible for administering the Program of behalf of the NGPSG.

Each year an audit is conducted by an independent organisation to determine the compliance of GreenPower accredited Products against criteria set out in the National GreenPower Accreditation Program: Program Rules (Program Rules), see Appendix 1. The objective of this audit is to evaluate the compliance of GreenPower accredited Products offered by GreenPower accredited electricity retailers (Providers) against the Program Rules.

SMEC Australia Pty Ltd (SMEC) has been appointed by I&I NSW to conduct the annual technical audit of GreenPower Products under the Program for the 2008 Settlement Period which covers 1 January 2008 to 31 December 2008.

This report includes relevant details of each of the GreenPower Products offered by GreenPower Providers during the 2008 Settlement Period, and includes relevant verified data relating to GreenPower purchases, GreenPower sales to customers and the surrender of RECs. Detailed findings of the audit will remain commercial in confidence.

1.2 Scope of Audit

The scope of the audit is to assess the compliance of GreenPower Products accredited under the GreenPower Program against technical and marketing criteria set out in sections 3 and 4 of the *National GreenPower Accreditation Program: Program Rules Version 4.0* (January 2008). This scope has been defined by the Program Manager.

The technical criteria are detailed in Section 3 of the Program Rules, and include:

- 3.1: Technical auditing of Annual Audit Report Forms by an independent auditor approved by the GreenPower Provider;
- 3.2: Use of GreenPower approved Generators;
- 3.3: Changes to the GreenPower Products and Generators;
- 3.4: Minimum percentage requirement of accredited GreenPower in blended Products;
- 3.5: Proportion of electricity from 'New' GreenPower Generators;
- 3.6: Claims of eligible generation for GreenPower Products;
- 3.7: Balancing GreenPower supply and demand;

- 3.8: Transfer and surrender of Renewable Energy Certificates (RECs);
- 3.9: Eligibility of RECs;
- 3.10: Shortfall in RECs;
- 3.11: GreenPower Provider purchase of GreenPower Products; and
- 3.12: Treatment of system losses.

The marketing criteria are detailed in Section 4 of the Program Rules, and include;

- 4.2: Compliance review;
- 4.3: GreenPower Provider's intellectual property;
- 4.4: Provision of information to customers;
- 4.5: Use of GreenPower logo;
- 4.6: GreenPower Product disclosure label
- 4.7: Treatment of blends of 'Green' and other energy; and
- 4.8: Misleading conduct.

An overview of the technical and marketing criteria is provided in Section 2.2 of this report.

1.3 Audit Methodology

The audit has been conducted in accordance with the methodology in SMEC's proposal (dated 14th November 2008) that was approved by the Program Manager. This methodology was further developed based on subsequent meetings and discussions with the Program Manager. An overview of the methodology followed for the audit is provided below:

- The Program Manager provided SMEC with the list of GreenPower Products offered during the 2008 Settlement Period including the contact details of the GreenPower Providers, plus the list of GreenPower Accredited Generators and their contact details.
- An inception meeting with SMEC and the Program Manager was held at the commencement of the project. During the meeting various details regarding the scope of the audit were confirmed. The Program Manager confirmed that SMEC was not required to gather data relating to Technical Criteria 3.3 and 3.12, or Marketing Criteria 4.3 and 4.7-4.8 of the Program Rules.
- Comprehensive templates were developed following the inception meeting to ensure that all necessary data and information from GreenPower Providers and Generators would be captured. SMEC worked in collaboration with the Program Manager to produce the following templates:
  - The Annual Audit Report Form was developed to capture the necessary information from Providers for the assessment of compliance with sections 3 and 4 of the Program Rules; and
  - The Generator Report was developed to capture the necessary information from GreenPower accredited Generators as outlined in Section 5.6 of the Program Rules.
- The reporting templates were distributed to all GreenPower Providers that offered GreenPower Products during the 2008 Settlement Period and all GreenPower accredited Generators. During this process:
  - A guidance document was prepared by SMEC to assist the independent auditors prepare their audit statements;

  - SMEC liaised with Providers and Generators by telephone and email, responding to queries in relation to completing of the form, and other audit related queries and questions; and
  - Late submissions and incomplete/incorrect reporting templates were followed up by SMEC. SMEC provided assistance to the Providers where required.
- A desktop review of independently audited Annual Audit Report Forms from Providers was conducted to determine compliance with the Program Rules.
  - Where issues arose during this process, SMEC liaised with the Providers, Generators and the Program Manager. In a number of instances, Providers were asked to make amendments to the Annual Audit Report Forms and have the changes re-audited by the independent auditor prior to re-submission. These were then received and re-checked by SMEC.
  - Generator Reports were collated and used to verify Providers' claims of eligible generation.
- Two reports were prepared for the NGPSG:
  - Annual Technical Audit Report – Commercial-in-Confidence Information. This is a detailed technical audit report that contains all Commercial-in-Confidence information. The report includes a full assessment of each Provider against the technical criteria in section 3 of the Program Rules, an assessment of compliance with the marketing criteria in section 4 of the Program Rules, comment as to compliance, and recommendations based on the findings of the audit. This report contains the audit opinion of the independent auditors that conducted the audits of the GreenPower Products, plus the audit opinion based on SMEC's professional judgement.
  - National GreenPower Annual Audit Report - Compliance Audit. This is a technical audit report that has been prepared for public release. It contains data of each GreenPower Product offered during the 2008 Settlement period and includes information about the Products offered, and verified data relating to GreenPower purchases, GreenPower sales to customers and the surrender of RECs. This report contains the opinion of the SMEC, the independent auditors that conducted the audit of GreenPower Products.

1.4 Limitations and Exceptions

This report has been prepared by SMEC for the NGPSG in accordance with the contractual arrangements between SMEC and the former Department of Water and Energy (now I&I NSW), and in accordance with the proposal submitted to the DWE on 14th November 2008. The findings of this report are limited to an assessment of the compliance of accredited GreenPower Products with the *National GreenPower Accreditation Program: Program Rules Version 4.0* (January 2008), in accordance with the scope of the audit and supporting procedures.

Findings of this assessment are based on information provided to SMEC from GreenPower Providers and GreenPower Generators. All information submitted by Providers was audited by an independent auditor prior to submission to SMEC. SMEC has made no independent verification of this information beyond the agreed scope of the audit and assumes no responsibility for any inaccuracies or omissions.

This report was prepared between 31 March 2009 and 18 December 2009 and is based on information reviewed at the time of preparation. SMEC takes no responsibility for any changes made after this date. This report should be read in full. No responsibility is accepted for use of any part of

this report in any other context or for any other purpose other than that specified in the Scope of Audit. The report has been prepared for the use of the National GreenPower Accreditation Steering Group and SMEC accepts no responsibility for use by third parties

1.5 Structure of the Report

The report has been structured as follows:

- Section 1 contains the introduction to the report;
- Section 2 provides an overview of the National GreenPower Accreditation Program, including information on the Program Rules, GreenPower Products and GreenPower Providers, and GreenPower accredited Generators;
- Section 3 contains a summary of the audit findings; and
- Sections 4-39 contain data relating to each of the GreenPower Products offered during the 2008 Settlement Period (one section for each Product). These are ordered alphabetically by Provider name. The information presented is intended to provide an overview of each Product and includes details of each Product, customer numbers, GreenPower purchases and sales, and total RECs surrendered. All data from GreenPower Providers was verified by an independent auditor, prior to submission. An audit opinion regarding the compliance of each GreenPower Product is stated for each Product. The opinion provided is the actual opinion provided by the independent auditor in the Audit Statement.

1.6 Key Terms

GreenPower Provider: Any person or organisation that operates a GreenPower Product.

GreenPower Generator: an electricity generator approved by the Program Manager that results in Net environmental benefits, and is based primarily on a Renewable Energy resource.

GreenPower Product: Any Product or service that enables customers to voluntarily contribute financially to Renewable Energy generation from GreenPower Generators, and has been accredited under the National GreenPower Accreditation Program.

GreenPower Customer: A domestic or commercial entity for which the GreenPower Provider has established a contract for the provision of a GreenPower Product.

GreenPower Right: A right to claim any eligible GreenPower generation (or a portion of generation) from a GreenPower Generator that may be bought by or transferred to a GreenPower Provider for use in respect of a GreenPower Product.

'New' GreenPower Generators: An electricity generator or increase in generator capacity which was commissioned or first sold energy (whichever is earlier) after the launch of the relevant GreenPower Product or after 1 January 1997 (whichever is earlier) and that has been accredited under the National GreenPower Accreditation Scheme.

Existing GreenPower Generators: An electricity generator or increase in generator capacity which was commissioned or first sold energy (whichever earlier) prior to 1 January 1997 and that has been accredited under the National GreenPower Accreditation Program. Note: Providers are not required to surrender RECs for existing Generation

Renewable Energy Certificates: RECs are created by electricity generators that have been accredited and registered for the Mandatory Renewable Energy Target (MRET) or Victorian Renewable Energy Target (VRET) (1 REC = 1 MWh).

Further definitions are contained in Appendix C of the Program Rules (Appendix 1).

2. National GreenPower Accreditation Program

2.1 Overview

The National GreenPower Accreditation Program is a voluntary market based program that was established by the NSW government in 1997. The objective of the Program is to encourage investment in new renewable energy generation by increasing consumer demand and confidence in accredited GreenPower Products. The aim of the Program is to:

- Facilitate the installation of new Renewable Energy generators across Australia beyond mandatory renewable requirements;
- Encourage growth in consumer demand for Renewable Energy;
- Provide consumer choice for, and increase confidence in credible Renewable Energy Products;
- Increase consumer awareness of Renewable Energy and greenhouse issues; and
- Decrease greenhouse gas emissions associated with electricity generation.

For the 2008 Settlement period, a total of 36[1] GreenPower Products were offered by 28 GreenPower accredited Providers. A total of 1,984,812 MWh GreenPower was sold to GreenPower customers (947,268 to residential customers and 1,037,544 to business customers). The number of customers for the 2008 Settlement Period was 934,700. A total of 1,962,405 RECs were surrendered.

2.2 GreenPower Program Rules

The GreenPower Program has stringent rules that GreenPower Providers and Generators must follow in order to gain and maintain accreditation under the Program.

This audit involved an assessment of GreenPower Products against the criteria in Sections 3 and 4 of the Program Rules. A non-technical summary of the criteria from Sections 3 and 4 of the Program Rules, relevant to the annual compliance audit, are included in the table below. This summary is intended to provide a non-technical background of the criteria. For a more formal interpretation and understanding of the criteria and requirements it is important to refer to the full version located in the Program rules (see Appendix 1).

Table 1: Summary of Criteria in Sections 3 and 4 of Program Rules

Criteria	Summary of Criteria
3.1 Technical Auditing	GreenPower Providers must complete a GreenPower annual technical report at the end of each Settlement Period. The technical report must be audited by an independent and suitably qualified auditor prior to submission.
3.2 Use of GreenPower Generators	All electricity Generators used by GreenPower Products must be approved by the Program Manager; and conform to the definition and eligibility requirements of a GreenPower Generator as set out in Section 5 of the Program Rules.
3.3 Changes to the GreenPower Products and Generators	GreenPower Providers must alert the Program Manager in writing of any changes that are made to the operation of the GreenPower Product (e.g. GreenPower Product structure, changes in fuel sources, etc) prior to those changes taking effect.

[1] This number of GreenPower Products is two less than reported in the National GreenPower Accreditation Program Status Report - Quarter 4 (1 October to 31 December 2008). The difference is attributed to AGL Energy, who previously reported three separate GreenPower Products.

Criteria	Summary of Criteria
3.4 Minimum Percentage Requirement of Accredited GreenPower in Blended Products	GreenPower Providers are required to have a minimum 10% GreenPower content in Products offered to new residential customers for all Products. The minimum GreenPower content of residential block-based Products is set at 647kWh/year from 1 January 2007 to 31 December 2009. Existing residential contracts with end users for a blended GreenPower Product made up of less than 10% accredited GreenPower are to be amended accordingly by 1 March 2007 for consumption-based GreenPower Products and by 1 January 2008 for block-based GreenPower Products.
3.5 Proportion of Energy from New GreenPower Generators	From 1 July 2006, Providers have been required to source 100% generation for new customer GreenPower sales from 'new' GreenPower approved Generators. For existing customers (contracts that were in place prior to 1 July 2006), the 100% 'new' GreenPower requirement was to be implemented as contracts were renegotiated, but no later than 31 December 2008. Prior to this change, Providers were required to derive at least 80% GreenPower sales to existing customers from new GreenPower Generators. This change means that from 1 January 2009, only electricity generated from new GreenPower Generators will be permitted for use in GreenPower Products. This rule is in place to encourage the installation of new green electricity Generators.[2]
3.6 Claims of Eligible Generation for GreenPower Products	GreenPower Providers must demonstrate ownership of GreenPower generation purchased over the Settlement Period, and specify the proportion of new versus existing Generation. The generation must have occurred during the Settlement Period. A Renewable Energy Certificate (REC) is surrendered for each MWh of New GreenPower generation sold through the GreenPower.
3.7 Balancing GreenPower Supply and Demand	GreenPower Providers are required to have made valid claims for GreenPower purchases (as defined in Section 3.6) equivalent to the amount sold to their GreenPower Customers through their GreenPower Product within the Settlement Period. The Program Manager will allow a 3 month reconciliation period to complete transactions and REC surrenders after the end of the Settlement Period. In cases where there is a shortfall of valid claims of new GreenPower purchases, a number of conditions apply, as outlined in section 3.7 of the Program Rules. Where GreenPower Providers have excess purchases pertaining to New GreenPower generation which have not been allocated to their GreenPower Product for a defined Settlement Period, GreenPower Providers will be able to carry over a 5 per cent excess of New GreenPower purchases made in the 1-year Settlement Period only to the next Settlement Period for meeting New GreenPower generation demand.
3.8 Transfer and Surrender of Renewable Energy Certificates (RECs)	To ensure that GreenPower sales are additional to legislated renewable energy purchases through the Mandatory Renewable Energy Target (MRET), GreenPower Providers are required to surrender (or invalidate) 'eligible' RECs (see eligibility under Section 3.9) as created under either MRET and VRET for each MWh of generation classified as New GreenPower generation sold as part of a GreenPower Product within a Settlement Period. GreenPower Providers will not be required to surrender RECs for Existing GreenPower generation.
3.9 Eligibility of RECs	RECs created by GreenPower approved Generators and RECs created under MRET and VRET are eligible for surrender to meet GreenPower Program requirements. RECs created under MRET and VRET are classified as New GreenPower generation. There is no requirement to transfer RECs from the same GreenPower Generators as are used in the GreenPower Product.
3.10 Shortfall in RECs	Any sales of New GreenPower generation for which a concession cannot be claimed and RECs are not transferred, cannot be validly claimed as GreenPower in accordance with Section 3.6. Where a shortfall for meeting supply with demand occurs as a result, the conditions outlined in Section 3.7 will apply.
3.11 GreenPower Provider Purchase of GreenPower Products	All GreenPower Providers are required to purchase GreenPower at a level which entitles them to use the GreenPower Customer Logo. This level is defined in "The GreenPower Logo Usage Guidelines". See Section 4.This requirement applies to each Provider's retail arm as a minimum.

[2] A 'new' Generator is defined as a GreenPower accredited Generator or increase in generation capacity, which was commissioned or first sold energy, whichever is earlier, after 1 January 1997. An 'existing' Generator is a GreenPower accredited Generator or increase in generation capacity which was commissioned or first sold energy, whichever is earlier, prior to 1 January 1997.

Criteria	Summary of Criteria
3.12 Treatment of System Losses	GreenPower Providers can choose if they wish to specify to the GreenPower Customer and Program Manager whether transmission and/or distribution system losses attributable to a GreenPower Customer are supplied from GreenPower Generators. If system losses are included, generation supplying these losses must conform to all requirements above, including the requirements for New GreenPower Generation.
4.1 Introduction	GreenPower Customers must be provided with clear and concise information about their electricity Products and services.
4.2 Compliance Review	GreenPower Providers must submit all GreenPower marketing materials currently in use to the Program Manager to verify compliance with the guidelines outlined in this code. The compliance review occurs biannually as part of the June quarterly report and the annual audit.
4.3 GreenPower Provider's Intellectual Property	The GreenPower Program Manager is granted the rights the use any intellectual property relating to the advertising or marketing of the GreenPower Product for purposes covered by these Program Rules and the GreenPower Provider Agreement.
4.4 Provision of Information to Customers	Each GreenPower Provider wishing to use a GreenPower logo, or claim GreenPower accreditation for any of their electricity Products agrees to provide relevant information regarding the Product to customers. Specifically, Providers must provide all GreenPower Customers, during customer subscription and agreement fulfilment period, with contract pricing and terms and condition written in clear, simple and easily understood terms; and make the following information available to new and potential GreenPower Customers at their request: - Generator names and types for each GreenPower Product; - Historical percentage of energy by type of generation for each GreenPower Product; - Historical percentage of New GreenPower generation (by energy) for each GreenPower Product; - The typical energy price range for each generation type
4.5 Use of GreenPower Logo	GreenPower Providers are contractually required to use the GreenPower logo in all marketing material and advertisements. Providers must refer to their GreenPower accreditation in all marketing and advertising material. Customers may be entitled to use the GreenPower customer logo if they have purchased or contracted to purchase sufficient levels of GreenPower. The GreenPower logo is available for use where an event will be powered by 100 per cent GreenPower accredited energy.
4.6 GreenPower Product Disclosure Label	The GreenPower Product Disclosure label is designed to provide full disclosure of the contents of GreenPower accredited Products through the inclusion of discrete percentages of all Product contents. The use of the GreenPower Product Disclosure Label is now compulsory for all marketing and collateral of GreenPower accredited Products. The full requirements are contained in the GreenPower Logo Usage Guidelines 2007/2008.
4.7 Treatment of Blends of 'Green' and Other Energy	Prior to entering into an agreement to provide energy to a customer, and in all marketing and advertising related to the composition of a GreenPower Product, the GreenPower Provider must provide clear information about the portions of GreenPower accredited electricity and non accredited electricity that will be provided (for each level of GreenPower on offer). Only those GreenPower Products that contain 100 per cent GreenPower are able to be described as 100 per cent renewable. No 'blended' Product (i.e. a Product containing less than 100 per cent GreenPower) may be referred to as 100 per cent renewable. Where GreenPower accredited Products are less than 100 per cent, the description of the unaccredited portion (backfill) of the Product is prohibited other than referring to the backfill as other grid electricity. If a customer is offered a 'block tariff', the GreenPower Provider must clearly communicate how the 'block' is structured (e.g. proportions of GreenPower approved energy and other components) and what the 'block' translates to in terms of approximate kWh of GreenPower purchased per day/month/quarter, emphasising that calculations are based on average consumer consumption levels rather than actual.

Criteria	Summary of Criteria
4.8 Misleading Conduct	GreenPower Providers must ensure that they do not undertake, in the opinion of the Program Manager, misleading advertising or conduct in relation to GreenPower. Of particular importance is misleading advertising relating to the composition of GreenPower Products.

2.3 GreenPower Products

GreenPower Products are available to electricity consumers in the residential and business sectors throughout Australia. GreenPower Products can only be offered by GreenPower Providers which have entered into a contractual agreement with the GreenPower Program Manager.

GreenPower Products are accredited under the Program and operate by guaranteeing that a certain amount or proportion of electricity is produced from renewable energy. A GreenPower Provider that sells a GreenPower Product to a consumer commits to ensuring that an equivalent amount of renewable energy is purchased from accredited GreenPower Generators. Under the Program Rules, 'blended' GreenPower Products refer to those Products which are less than 100 percent of the consumer's electricity consumption. The GreenPower accredited portion of a blended Product supplied to a residential customer must be equivalent to a minimum of 10 percent consumption[3] and the term 'GreenPower Product' refers only to this GreenPower accredited portion.

The three main types of GreenPower Products offered across Australia are;

1. Consumption based Products whereby customers nominate the level of GreenPower purchased according to a nominated percentage of their total electricity consumption;
2. 'Block' based Products whereby customers purchase a kWh 'block' of GreenPower that is based on the average household electricity consumption and is not directly linked to an individual customer's consumption; and
3. Purchase of GreenPower to match consumption provided by another Provider. This is available nationally using web interfaces and direct sales to customers. While customers continue to purchase electricity from their standard electricity supplier, the GreenPower Provider will purchase and surrender the equivalent number of GreenPower Rights and Renewable Energy Certificates (RECs) from eligible generation sources to meet the customers elected electricity consumption.

For the 2008 Settlement period, a total of 36[4] GreenPower Products were offered by 28 Providers. The audit covers GreenPower Products that were offered at any time during the Settlement Period.

The table below provides key details regarding the 36 GreenPower Products offered during the 2008 Settlement Period (1 January to 31 December 2008).

[3] The minimum GreenPower content of residential block-based Products is set at 647kWh/year through to 31 December 2009.
[4] This number of GreenPower Products is two less than reported in the National GreenPower Accreditation Program Status Report - Quarter 4 (1 October to 31 December 2008). The reason for the difference is that AGL Energy previously reported three separate GreenPower Products.

Table 2: GreenPower Products Offered During the 2008 Settlement Period

Provider	Product	States	Residential	Business
ActewAGL	Greenchoice	NSW, ACT, VIC, TAS, WA, QLD, SA	✓	✓
AGL	GreenPower	NSW, VIC, QLD, SA, ACT	✓	✓
Alinta	GreenPower EcoPlus	WA	✓	✓
ARK Climate	Ark Climate GreenPower	All	✓	✓
Aurora	AuroraGreen	NSW, ACT, VIC, TAS, QLD, SA	✓	✓
Australian Power and Gas	Greentricity	NSW, VIC, QLD	✓	✖
Carbon Planet	GreenPower	All	✖	✓
Click Energy	ClickNatural	VIC	✓	✖
Climate Friendly	GreenPower	All	✓	✓
Country Energy	Country Green	NSW, ACT, VIC, QLD, SA	✓	✓
COzero	GreenPower	All	✖	✓
EnergyAustralia	PureEnergy	NSW, ACT, VIC, QLD	✓	✓
Ergon Energy Queensland	Clean Energy	QLD	✓	✓
Horizon Power	GreenSelect	WA	✓	✓
Integral Energy	INgreen	NSW, QLD	✓	✓
	Business Green	NSW, ACT, VIC, QLD	✖	✓
	Hampton Wind	NSW	✓	✖
Jackgreen	Jackgreen Power	NSW, QLD, VIC, SA	✓	✓
Momentum	Energy Green	VIC, SA	✓	✓
Neighbourhood Energy	GreenLight	VIC	✓	✖
Origin Energy	Green Earth	All	✓	✓
	Earth's Choice	NSW, VIC, QLD	✓	✓
	EcoPower	VIC	✓	✓
	EcoSaver	VIC	✓	✖
Pacific Hydro	GreenPower	All	✖	✓
Red Energy	Green Energy	VIC,	✓	✓
Simply Energy	GreenSaver	VIC	✓	✖
	Green@work	VIC, SA	✖	✓
	Green Premium	VIC, SA	✓	✓
Synergy	NaturalPower	WA	✓	✓
	EasyGreen	WA	✓	✖
TRUenergy	TRUenergy Green	NSW, ACT, VIC, SA, QLD	✓	✓

Provider	Product	States	Residential	Business
South Australia Electricity	Green Energy	SA	✓	✓
Queensland Electricity	Green Energy	QLD	✓	✓
Victoria Electricity	Green Energy	VIC	✓	✓
Viridor	Viridor Deep Green	NSW, ACT, VIC, SA, QLD	✖	✓

2.4 GreenPower Generators

The Program Rules define eligibility criteria to which electricity generators must comply with in order to be approved under the Program as a GreenPower Generator (section 5 of the Program Rules).

A GreenPower approved generator is defined as an electricity generator that:

- Results in a greenhouse gas emission reduction within the stationary energy sector;
- Result in net environmental benefit;
- Is based primarily on a renewable energy resource, such that the proportion of eligible renewable energy input exceeds 50 percent averaged over the settlement period; and
- Meets all other specific eligibility requirements set out in Program Rules.

At 31 December 2008 there were 278 approved GreenPower generators in Australia, including 192 'new' generators.

GreenPower Generators are categorized as being either 'new' or 'existing' Generators. A new Generator is:

- An electricity Generator or increase in generator capacity which was commissioned or first sold energy (whichever is earlier) after the launch of the relevant GreenPower Product or after 1 January 1997 (whichever is earlier) and that has been accredited under the National GreenPower Accreditation Scheme.

An existing Generator is:

- An electricity generator or increase in generator capacity which was commissioned or first sold energy (whichever earlier) prior to 1 January 1997 and that has been accredited under the National GreenPower Accreditation Program.

3. Summary of Findings

3.1 Introduction

As part of the audit procedures, data relating to sections 3 and 4 of the Program Rules was collected from each Provider in the Annual Audit Report Form. This data was then verified by an independent auditor prior to submission. Data was collected from each GreenPower accredited Generator in the Generator Reports. The Generator Reports contain the information specified in section 5.6 of the Program Rules. This data was used to confirm generation output for the purpose of cross checking against Providers' information.

This section of the report provides a summary of the audit findings. The detailed findings of the audit remain commercial in confidence, as requested by the Program Manager. As stated in the methodology, this report is intended to provide relevant details on each Product along with verified statistics.

3.2 Summary of Audit Findings

The audit findings are based on:

- Data received in the Annual Audit Report Forms completed by Providers (verified by independent auditors prior to submission);
- Generator Reports submitted by each GreenPower accredited Generator; and
- SMEC's analysis.

Tables 3 and 4 below summarise the findings of the compliance audit. This includes the opinion of the independent auditor, and SMEC's audit opinion.

In undertaking the audit GreenPower Products that were found to comply with all rules in Sections 3 and 4 of the Program Rules have received an unqualified opinion from SMEC, (see table 3 below). Any instances of non-compliance with Sections 3 and 4 of the Program Rules have resulted in the GreenPower Product receiving a qualified opinion from SMEC (see table 4 below). The basis of the qualified opinion and the corresponding rule is stated in the Qualification Statement.

Table 3: Unqualified Opinions

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	SMEC's Audit Opinion
AGL	GreenPower	Environmental Resources Management (ERM)'s independent audit stated that the GreenPower Annual Technical Report of AGL Pty Ltd for the Settlement Period 1 January - 31 December 2008 is fairly presented, an in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, AGL's GreenPower Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Ark Climate	GreenPower	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of Ark Climate for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Ark Climate's GreenPower Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Alinta	GreenPower EcoPlus	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Alinta Green Power Eco Plus Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Alinta's GreenPower EcoPlus Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Australian Power & Gas	Greentricity	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of APG for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Australian Power & Gas' Greentricity Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	SMEC's Audit Opinion
Aurora	AuroraGreen	KPMG's independent audit stated that in all material aspects, the Company's National GreenPower Accreditation Program 2008 Annual Report has been prepared in accordance with the requirements of that National GreenPower Accreditation Program for the year ended 31 December 2008.	In SMEC's professional opinion, Aurora's AuroraGreen Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Carbon Planet	GreenPower	HLB Mann Judd's independent audit stated that the GreenPower Annual Audit Report of Carbon Planet Limited for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Carbon Planet's GreenPower Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Country Energy	CountryGreen	KPMG's independent audit stated that in all material respects, the annual technical report has been prepared in accordance with the requirements of the National GreenPower Accreditation Program for the year ended 31 December 2008.	In SMEC's professional opinion, Country Energy's CountryGreen Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
COzero	GreenPower	DNV Certification's independent audit stated that the GreenPower Annual Audit Report of COzero for the Settlement Period 1 January to 31December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, COzero's GreenPower Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	SMEC's Audit Opinion
EnergyAustralia	PureEnergy	Ernst & Young's independent audit stated that the GreenPower Annual Audit Report of EnergyAustralia for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, EnergyAustralia's PureEnergy Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Horizon Power	GreenSelect	Stantons International independent audit stated that the GreenPower Annual Audit Report of Horizon Power for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Horizon Power's GreenSelect Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Neighbourhood Energy	Greenlight	SAHA International's independent audit stated that the GreenPower Annual Audit Report of Neighborhood Energy Pty Limited for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Neighbourhood Energy's Greenlight Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Simply Energy	GreenSaver	Ernst & Young's independent audit stated that the Reported Data in the Report of Simply Energy for the Settlement period 1 January 2008 – 31 December 2008 are presented, in all material aspects, in accordance with the requirements of the National Green Power Accreditation Program, as set out in Section 3 of the National GreenPower Accreditation Rules, Version 4 (January 2008).	In SMEC's professional opinion, Simply Energy's GreenSaver Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	SMEC's Audit Opinion
Simply Energy	GreenPremium	Ernst & Young's independent audit stated that the Reported Data in the Report of Simply Energy for the Settlement period 1 January 2008 – 31 December 2008 are presented, in all material aspects, in accordance with the requirements of the National Green Power Accreditation Program, as set out in Section 3 of the National GreenPower Accreditation Rules, Version 4 (January 2008).	In SMEC's professional opinion, Simply Energy's GreenPremium Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Simply Energy	Green@Work	Ernst & Young's independent audit stated that the Reported Data in the Report of Simply Energy for the Settlement period 1 January 2008 – 31 December 2008 are presented, in all material aspects, in accordance with the requirements of the National Green Power Accreditation Program, as set out in Section 3 of the National GreenPower Accreditation Rules, Version 4 (January 2008).	In SMEC's professional opinion, Simply Energy's Green@Work Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Synergy	NaturalPower	Stantons International independent audit stated that the GreenPower Annual Audit Report of Synergy for the Settlement Period 1 January to 31 December 2008 for NaturalPower is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Synergy's NaturalPower Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Synergy	EasyGreen	Stantons International independent audit stated that the GreenPower Annual Audit Report of Synergy for the Settlement Period 1 January to 31 December 2008 for EasyGreen is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Synergy's EasyGreen Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	SMEC's Audit Opinion
South Australia Electricity	Green Energy	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report for the South Australia Electricity Green Energy Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, South Australia Electricity's Green Energy Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Queensland Electricity	Green Energy	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report for the Queensland Electricity Green Energy Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Queensland Electricity's Green Energy Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Victoria Electricity	Green Energy	URS Australia Pty Ltd's independent audit stated that Victoria Electricity's GreenPower Annual Audit Report for the Green Energy Product is in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Victoria Electricity's Green Energy Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Viridor	Deep Green	GreenPower Services Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of Viridor for the settlement period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	In SMEC's professional opinion, Viridor's Deep Green Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 4: Qualified Opinions

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	Qualification Statement	SMEC's Audit Opinion
ActewAGL	Greenchoice	Energetics Pty Ltd's independent audit stated that the the GreenPower Annual Audit Report of ActewAGL for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	RECs were not surrendered by the deadline of 31 March 2009. ActewAGL completed the surrender of RECs on 15 April 2009. This relates to criteria 3.8.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, AcetewAGL's Greenchoice Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Click Energy	ClickNatural	MORAN Chartered Accountants' independent audit stated that the GreenPower Technical Criteria and the GreenPower Marketing Criteria Statements for the period 1 January 2008 to 31 December 2008 are consistent with their understanding of the National GreenPower Accreditation Program	Information regarding generation is not made available to customers. This relates criteria 4.2, 4.4 and 4.5.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Click Energy's ClickNatural Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Climate Friendly	GreenPower	GreenPower Services Pty Ltd's independent audit stated that the reports inspected present fairly in accordance with the National GreenPower Accreditation Document and professional reporting requirements, the position of Climate Friendly's GreenPower Product as at 31 December 2008, and the results of its operation for the twelve month period ending 31 December 2008.	RECs were not surrendered by the deadline of 31 March 2009. Climate Friendly completed the surrender of RECs on 26 May 2009. This relates to criteria 3.8.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Climate Friendly's GreenPower Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	Qualification Statement	SMEC's Audit Opinion
Ergon Energy Queensland	Clean Energy	Queensland Audit Offices's independent audit stated that the GreenPower Report of Ergon Energy Corporation Ltd for the settlement period 1 January 2008 to 31 December 2008 is presented fairly, in all material respects, with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	Information regarding generation is not made available to customers. This relates to criteria 4.2, 4.4 and 4.5.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Ergon Energy Queensland's Clean Energy Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Integral Energy	INgreen	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Integral Energy INgreen Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	Integral did not specify details of Products offered. This information was taken from the December 2008 GreenPower Quarterly Report. This relates to criteria 3.4. RECs were not surrendered by deadline of 31 March 2009. Integral Energy completed the surrender of RECs on 14 April 2009. This relates to criteria 3.8.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Integral Energy's INgreen Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Integral Energy	Business Green	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Integral Energy Business Green Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	Integral did not specify details of Products offered. This information was taken from the December 2008 GreenPower Quarterly Report. This relates to criteria 3.4.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Integral Energy's Business Green Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	Qualification Statement	SMEC's Audit Opinion
Integral Energy	Hampton Wind	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Integral Energy Hampton Wind Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	Integral did not specify details of Products offered. This information was taken from the December 2008 GreenPower Quarterly Report. This relates to criteria 3.4.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Integral Energy's Hampton Wind Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Jackgreen	Jackgreen Power	DNV Certification Pty Ltd independent audit confirms that Jackgreen's GreenPower Annual Audit Report for the JackgreenPower Product is in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	Jackgreen did not surrender the RECs by the deadline of 31 March 2008. Jackgreen complied with the agreed extension granted by the Program Manager of the surrender of 19,477 RECs by 31 May 2009 and 19,477 RECs by 30 June 2009. This relates to criteria 3.8 Jackgreen did not submit the "Compliance with GreenPower Marketing Criteria" component of the Annual Audit Report Form. This relates to criteria 3.1, 4.2, 4.4 and 4.5.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Jackgreen's Jackgreen Power Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	Qualification Statement	SMEC's Audit Opinion
Momentum	Green Energy	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of Momentum Energy for the Settlement Period 1 January to 31 December 2008 in terms of data is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	There was no record of the GreenPower Program Manager's approval of Marketing material. However, no new marketing material was published during the Settlement Period. This relates to criteria 4.2, 4.4 and 4.5.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Momentum's Energy Green Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Origin Energy	Green Earth	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Origin Energy GreenEarth Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	RECs were not surrendered by the deadline of 31 March 2009. Origin Energy completed the surrender of RECs on 8 April 2009. This relates to criteria 3.8. There was a shortfall of 42 RECs that Origin Energy will be required to rectify during the 2009 Settlement Period. This relates to criteria 3.10. GreenPower brochure is still to be operationalised. Therefore information regarding contractual arrangements and generation is not made available to customers. This relates to criteria 4.2, 4.4 and 4.5.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Origin Energy's GreenEarth Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	Qualification Statement	SMEC's Audit Opinion
Origin Energy	Earth's Choice	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Origin Energy EarthsChoice Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	RECs were not surrendered by the deadline of 31 March 2009. Origin Energy completed the surrender of RECs on 8 April 2009. This relates to criteria 3.8. GreenPower brochure is still to be operationalised. Therefore information regarding contractual arrangements and generation is not made available to customers. This relates to criteria 4.2, 4.4 and 4.5.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Origin Energy's EarthsChoice Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Origin Energy	EcoPower	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Origin Energy EcoPower Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	RECs were not surrendered by the deadline of 31 March 2009. Origin Energy completed the surrender of RECs on 8 April 2009. This relates to criteria 3.8. GreenPower brochure is still to be operationalised. Therefore information regarding contractual arrangements and generation is not made available to customers.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Origin Energy's EcoPower Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	Qualification Statement	SMEC's Audit Opinion
Origin Energy	EcoSaver	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Origin Energy EcoSaver Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	RECs were not surrendered by the deadline of 31 March 2009. Origin Energy completed the surrender of RECs on 8 April 2009. This relates to criteria 3.8. GreenPower brochure is still to be operationalised. Therefore information regarding contractual arrangements and generation is not made available to customers.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Origin Energy's EcoSaver Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
Pacific Hydro	GreenPower	GreenPower Services Ltd's independent audit stated that Pacific Hydro's Green Power Annual Audit Report of Pacific Hydro for the settlement period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National Green Power Accreditation Program Rules, Version 4 (January 2008).	Actual electricity consumption was not known for the 2008 Settlement Period, and therefore purchases of GreenPower for own use was not made. Pacific Hydro has indicated it will make these purchases during the 2009 Settlement Period. This relates to criteria 3.11. Pacific Hydro was uncertain whether marketing material had been approved by the Program Manager. This relates to criteria 4.2, 4.4 and 4.5.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Pacific Hydro's GreenPower Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

GreenPower Provider	GreenPower Product	Independent Auditor Opinion	Qualification Statement	SMEC's Audit Opinion
Red Energy	Green Energy	URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of Red Energy for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008)	Red Energy did not report any purchases of GreenPower for their own use. Red Energy will be expected to make these purchases in the 2009 Settlement Period. This relates to criteria 3.11.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, Red Energy's Green Energy Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).
TRUenergy	TRUenergy Green	Environmental Resource Management (ERM) Australia's independent audit stated that the GreenPower Annual Technical Report of TRUenergy Pty Ltd for the Settlement Period 1 January – 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program, as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).	RECs were not surrendered by the deadline of 31 March 2009. TRUEnergy completed the surrender of RECs on 14 May 2009. This relates to criteria 3.8.	In SMEC's opinion, except for the matters referred to in the Qualification Statement, TRUenergy's TRUenergy Green Product is compliant with Sections 3 and 4 of the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

The detailed findings that support the qualification statements are commercial in confidence and are therefore not reported separately under the report on each GreenPower Product in the following Sections 4 to 39.

4. ActewAGL – Greenchoice

Energetics Pty Ltd's independent audit stated that the the GreenPower Annual Audit Report of ActewAGL for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block Based
Greenchoice 5	Residential	7,419	All	28%	Block of 1,825 kWh / year
Greenchoice 10	Residential / Business	2,967	All	56%	Block of 3,650 kWh / year
Greenchoice 15	Residential	646	All	85%	Block of 5,475 kWh / year
Greenchoice 20	Residential	69	All	113%	Block of 7,300 kWh / year
Greenchoice 10%	Residential / Business	3,384	NSW, ACT	10%	Consumption
Greenchoice 25%	Residential / Business	101	NSW, ACT	25%	Consumption
Greenchoice 50%	Residential / Business	154	NSW, ACT	50%	Consumption
Greenchoice 100%	Residential / Business	671	NSW, ACT	100%	Consumption
Greenchoice 200%	Residential / Business	64	NSW, ACT	200%	Consumption
Greenchoice Large Market	Business	6	All	Variable by customer	Block and Consumption
Greenchoice Events	Business	7	All	100%	Consumption
Total Number of Customers		**15,488**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Hallett Wind Farm	119,007	New	✓
Barron Gorge Hydro	2,100	Existing	✓
Total	**121,107**		

ActewAGL did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	28,742	92,366	121,107

Table 4: Surrender of RECs

RECs Surrendered	Compliant
119,008	✓

The number of RECs surrendered is 2% less that the total GreenPower sales. This relates to the GreenPower sales to existing customers that was met with existing generation.[5]

[5] This corresponds to criteria 3.5 and 3.8 of the Program Rules (Appendix 1); and criteria 3.2 of the GreenPower Transition Arrangements (Appendix 2).

5. AGL – Green Power

Environmental Resources Management (ERM)'s independent audit stated that the GreenPower Annual Technical Report of AGL Pty Ltd for the Settlement Period 1 January - 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block Based
Green Spirit	Residential / Business	27,159	NSW, VIC, SA, QLD	10%	Consumption
Green Living	Residential / Business	1,417	NSW, VIC, SA, QLD	20%	Consumption
Green Energy	Residential / Business	7,869	NSW, VIC, SA, QLD	100%	Consumption
AGL Green Events	Residential / Business	N/A	All	100%	Block
Total Number of Customers		**36,445**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Broadmeadows	27,111	Existing	✓
Canunda	131,508	New	✓
Clayton	70,529	Existing	✓
Highbury	3,471	Existing	✓
Pedlers Creek	15,770	Existing	✓
Springvale	15,087	New	✓
Starfish Hill	44,192	New	✓
Tea Tree Gully	2,952	Existing	✓
Wingfield 1	22,182	Existing	✓
Wingfield 2	23,665	Existing	✓
Pindari PS	597	New	✓
Eildon PS G1	53,130	Existing	✓
Rubicon PS	35,921	Existing	✓
Wattle Point Wind Farm	229,463	New	✓
Banimboola PS	2,476	New	✓
Burrendong PS	1,872	Existing	✓
Hallet Hill Wind Farm	257,169	New	✓
West Nowra PS	6,357	New	✓
Isis	7,256[6]	Existing	✓
Suncoast	312	New	✓
Woy Woy	2,978	New	✓
Kincumber	3,549	New	✓
Hobart	6,836	New	✓
Kelvin Road Landfill[7]	5,146	New	✓
Glenorchy	10,351	New	✓
Werribee	53,086	New	✓
West Nowra	6,275	New	✓
Millar Road Landfill[8]	15,796	New	✓

[6] Isis Sugar Mill did not submit a Generator Return. This purchase was checked by the independent auditor but was not able to be checked against Generator data by SMEC.
[7] Referred to by AGL as Gosnells Landfill.

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Wilpena	94	New	✓
Fairleigh Sugar Mill*	2,990*	Existing	✓
Marian*	8,280*	Existing	✓
Pleystowe*	3,160*	Existing	✓
Racecourse*	5,820*	Existing	✓
Babinda*	1,600*	Existing	✓
Bingera*	360*	Existing	✓
Millaquin*	1,160*	Existing	✓
Inkerman*	5,100*	Existing	✓
Kalamia*	5,660*	Existing	✓
Macknade*	3,110*	Existing	✓
Pioneer*	53,030*	Existing[9]	✓
Victoria*	5,540*	Existing	✓
Invicta*	70,880*	Existing	✓
Proserpine	6,670	Existing	✓
Mulgrave*	5,200*	Existing	✓
Mossman*	670*	Existing	✓
Maryborough*	2,770*	Existing	✓
Kareeya	51,873	Existing	✓
Barron	28,127	Existing	✓
Rockypoint Power	145,000	Existing	✓
Total	**1,462,133**		

* Purchased from Ergon Energy Queensland rather than directly from the Generators. Generators owned by Ergon Energy Queensland. Amounts verified by independent auditor.

816,752 MWh was on-sold during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Events (MWh)	Total (MWh)
GreenPower Sales	132,907	80,340	78,416	291,663

Table 4 Surrender of RECs

RECs Surrendered	Compliant
291,663	✓

[8] Referred to by AGL as Rockingham Landfill.
[9] Pioneer was marked as a new Generator by AGL whereas it is an existing Generator since it was commissioned in 1958. AGL purchased sufficient new generation to cover sales for the 2008 Settlement Period.

6. Alinta – GreenPower EcoPlus

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Alinta Green Power Eco Plus Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
GreenPower EcoPlus	Business	1	WA	10%	Block
GreenPower EcoPlus	Business	1	WA	50%	Consumption
Total Number of Customers		**2**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Alinta Wind Farm	13,125	New	✓
Total	**13,125**		

Alinta did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	0	13,077	13,077

Table 4: Surrender of RECs

RECs Surrendered	Compliant
13,123	✓

7. Ark Climate - GreenPower

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of Ark Climate for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
GreenPower	Residential	28	All	100%	Block Based
GreenPower	Business	2	All	100%	Block Based (minimum 647 kWh/year)
Total Number of Customers		**30**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
GreenEnergy Trading	15,420	New	✓
Canunda Wind Farm	1,950	New	✓
Darwin Renewable Energy Facility	2,000	New	✓
Total	**19,370**		

Ark Climate did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)[10]
GreenPower Sales	18,883	5	18,889

Table 4: Surrender of RECs

RECs Surrendered	Compliant
18,891	✓

[10] Numbers do not sum exactly due to rounding.

8. Aurora – AuroraGreen

KPMG's independent audit stated that in all material aspects, the Company's National GreenPower Accreditation Program 2008 Annual Report has been prepared in accordance with the requirements of that National GreenPower Accreditation Program for the year ended 31 December 2008.

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
AuroraGreen	Business	4	NSW, ACT, VIC, TAS, SA, QLD	1-100%	Consumption
AuroraGreen	Residential / Business	13	TAS	10%, 20%, 50%, 75% or 100%	Consumption
Total Number of Customers		**17**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Woolnorth Studland Bay Wind Farm	216,059	New	✓
Total	**216,059**		

5,400 MWh were on-sold during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	11	7,631	7,642

Table 4: Surrender of RECs

RECs Surrendered	Compliant
7,681	✓

Aurora surrendered 40 RECs more than necessary for the 2008 Settlement Period. This is to address the shortfall of 39 RECs during the 2007 Settlement period.

9. Australian Power and Gas – Greentricity

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of APG for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Greentricity 10%	Residential	638	NSW, VIC, QLD	10%	Consumption
Greentricity 50%	Residential	206	NSW, VIC, QLD	50%	Consumption
Greentricity 100%	Residential	422	NSW, VIC, QLD	100%	Consumption
Total Number of Customers		**1,266**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Hallett Wind Farm	6,500	New	✓
Canunda Wind Farm	2,000	New	✓
Total	**8,500**		

Australian Power and Gas did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	2,029	0	2,029

Table 4: Surrender of RECs

RECs Surrendered	Compliant
2,085	✓

Australia Power and Gas transferred and voluntarily surrendered 2,085 RECs to the GreenPower REC-Registry account to meet their 2008 GreenPower requirement. Of these, 1,960 RECs were ineligible for use against GreenPower sales. These RECs were ineligible as they were Solar Hot Water RECs (refer to Transitional Arrangement 3.5). SMEC identified this issue during the course of the audit and notified Australian Power and Gas. However, as these RECs had been voluntarily surrendered, they were not able to be retrieved.

Australian Power and Gas also surrendered an equivalent number of GreenPower compliant RECs from their MRET account against its MRET liability.

Subsequently, Australia Power and Gas applied to the National GreenPower Steering Group (NGPSG) for a Special Waiver of Program Rules under section 2.2.4 of the National GreenPower Accreditation Program: Program Rules.

The application for a Special Waiver was made on the basis of the circumstances detailed above. Australia Power and Gas requested that the NGPSG approve a 'notional transfer' of RECs between its MRET and GreenPower account.

After careful consideration the NGPSG voted unanimously to grant a Special Waiver upon several conditions that included:

- The correct number of GreenPower compliant RECs have been surrendered in the Australian Power and Gas MRET account for the 2008 compliance period such that the objectives of the GreenPower Program continue to be met and the integrity of the Program is not compromised;
- A full audit is undertaken by Australian Power and Gas of all information provided to the Program Manager and contained within the REC-Registry pertaining to the Special Waiver application to determine that the correct number of GreenPower compliant RECs have been surrendered in the Australian Power and Gas MRET account for the 2008 compliance period;
- This audit is to be of the same standard as is required for the Annual GreenPower Technical Audit and carried out by a suitably qualified auditor approved by the National GreenPower Steering Group;
- A full audit statement must be supplied that the conditions of the Special Waiver have been met;
- Full details of the Special Waiver are to be published in the 2008 Annual Audit;
- Australian Power and Gas will provide the Program Manager finalised documentation detailing changes to internal systems and provide call centre staff with a Q&A approved by the NGPSG; and
- It will not be possible for Australian Power and Gas to apply for another Special Waiver in 2010 relating in any way to this matter.

Australian Power and Gas undertook the additional requirements stipulated by the NGPSG and submitted the additional documentation, and the independent audit report, to SMEC.

SMEC is satisfied that all imposed conditions have been met and Australian Power and Gas is considered compliant for auditing purposes for the 2008 settlement period.

10. Carbon Planet – GreenPower

HLB Mann Judd's independent audit stated that the GreenPower Annual Audit Report of Carbon Planet Limited for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Carbon Planet GreenPower	Business	2	All	100%	Consumption
Total Number of Customers		**2**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Hallet Wind Farm	1,200	New	✓
Total	**1,200**		

Carbon Planet did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	0	1,190	1,190

Table 4: Surrender of RECs

RECs Surrendered	Compliant
1,190	✓

11. Click Energy – ClickNatural

MORAN Chartered Accountants' independent audit stated that the GreenPower Technical Criteria and the GreenPower Marketing Criteria Statements for the period 1 January 2008 to 31 December 2008 are consistent with their understanding of the National GreenPower Accreditation Program.

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
ClickNatural	Residential	28	VIC	25%	Consumption
Total Number of Customers		**28**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Green Energy Trading	7	New	✓
Cathedral Rocks Wind Farm	2	New	✓
Green Energy Trading	17	New	✓
Green Energy Trading	24	New	✓
Green Energy Trading	12	New	✓
Green Energy Trading	2	New	✓
Total	**64**		

Click Energy did not on-sell any GreenPower during the 2008 Settlement Period.

All RECs purchased by Click Energy (listed in Table 2 above) were generated by Green Energy Trading by photovoltaic (PV) systems at the following locations: Kinglake, Inverleigh, Brunswick, Kelso and Peregian Beach. These Generators are approved under the GreenPower Program for the creation of GreenPower accredited deemed RECs.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	59	0	59

Table 4: Surrender of RECs

RECs Surrendered	Compliant
64	✓

12. Climate Friendly – GreenPower

GreenPower Services Pty Ltd's independent audit stated that the reports inspected present fairly in accordance with the National GreenPower Accreditation Document and professional reporting requirements, the position of Climate Friendly's GreenPower Product as at 31 December 2008, and the results of its operation for the twelve month period ending 31 December 2008.

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Climate Neutral	Residential	185	All	100%	Block
Climate Neutral	Business	82	All	100%	Block
Total Number of Customers		**267**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Lake Bonney Stage One Wind Farm	14,400	New	✓
Challicum Hills Wind Farm	1,207	New	✓
Codrington Wind Farm	4,728	New	✓
Total	**20,335**		

Climate Friendly did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	554	14,127	14,681

Table 4: Surrender of RECs

RECs Surrendered	Compliant
14,681	✓

13. Country Energy – Country Green

KPMG's independent audit stated that in all material respects, the annual technical report has been prepared in accordance with the requirements of the National GreenPower Accreditation Program for the year ended 31 December 2008.

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
everydayGREEN	Residential	43,077	NSW, ACT, VIC, SA, QLD	10%	Block of 647 kWh / year
liteGREEN	Residential	4,578	NSW, ACT, VIC, SA, QLD	20%	Block of 1,294 kWh / year
livingGREEN	Residential	2,391	NSW, ACT, VIC, SA, QLD	50%	Block of 3,235 kWh / year
foreverGREEN	Residential	3,028	NSW, ACT, VIC, SA, QLD	100%	Block of 6,470 kWh / year
businessGREEN	Business	1,921	NSW, ACT, VIC, SA, QLD	10%	Consumption
businessCHOICE	Business	0	NSW, ACT, VIC, SA, QLD	20%	Consumption
businessPLUS	Business	0	NSW, ACT, VIC, SA, QLD	50%	Consumption
businessADVANTAGE	Business	169	NSW, ACT, VIC, SA, QLD	100%	Consumption
countrygreen Business	Business	374	NSW, ACT, VIC, SA, QLD	2.5% - 100%	Consumption
Total Number of Customers		**55,538**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Blayney Wind Farm	18,145	New	✓
Crookwell Wind Farm	8,574	New	✓
Lake Bonney Stage One Wind Farm	199,242	New	✓
Quaenbeyan Solar Farm	64[11]	New	✓
Western Plains Zoo Solar Farm	57	New	✓
Dungog WFP	1	New	✓
Broadwater Power Station	402	New	✓
Camelia Biogas Power Station	7,543	New	✓
Rochedale Renewable Energy Facility	27,902	New	✓
Whitwood Road Renewable Energy Facility	9,189	New	✓
Lucas Heights 2 WMC	26,103	New	✓

[11] Generator Return for Quaenbeyan Solar Farm did not show this sale to Country Energy. The generation was confirmed in the Generator Return. The purchase was verified by the independent auditor.

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
The Drop Hydro	149	New	✓
Wonthaggi Wind Farm	28,752	New	✓
Wyangala B	2,670	New	✓
Copeton Reservoir	16,499	Existing	✓
Burrendong Dam	2,494	Existing	✓
Wyangala Dam	1,856	Existing	✓
Harwood Sugar	979[12]	Existing	✓
Total	**350,621**		

Country Energy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	51,337	49,228	100,566

Table 4: Surrender of RECs

RECs Surrendered	Compliant
96,104	✓

The number of RECs surrendered is 4% less that the total GreenPower sales. This relates to the GreenPower sales to existing customers that was met with existing generation.[13]

[12] A Generator Return was not submitted by Harwood Sugar so SMEC was unable to cross-check Country Energy's claims of GreenPower Purchases with the Generation data. These purchases were verified by the independent auditor. Purchases Harwood were not used in the GreenPower Product because Country Energy only used new Generation.
[13] This corresponds to criteria 3.5 and 3.8 of the Program Rules (Appendix 1); and criteria 3.2 of the GreenPower Transition Arrangements (Appendix 2).

14. COzero – GreenPower

DNV Certification's independent audit stated that the GreenPower Annual Audit Report of COzero for the Settlement Period 1 January to 31December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
GreenPower 100%	Business	24	All	100%	Consumption
Total Number of Customers		**24**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Canunda Wind Farm	60,000	New	✓
Total	**60,000**		

COzero on-sold 1,913 MWh GreenPower during the 2008 Settlement Period. A surplus of 3,000 MWh from the 2007 Settlement Period was used.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	0	60,616	60,616

Table 4: Surrender of RECs

RECs Surrendered	Compliant
59,795	✓

COzero has reported a shortfall of 820.7 RECs (equating to 1.4% of the total). This is compliant with the Program Rules which allows a shortfall of up to 5% of the total. COzero will be required to make up this shortfall in the 2009 Settlement Period.

15. EnergyAustralia – PureEnergy

Ernst & Young's independent audit stated that the GreenPower Annual Audit Report of EnergyAustralia for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
PureEnergy	Residential	5,539	NSW, ACT, VIC, QLD	100%	Consumption
PureEnergy	Business	2,547	NSW, ACT, VIC, QLD	100%	Consumption
PureEnergy 10	Residential	62,338	NSW, ACT, VIC, QLD	10%	Consumption
PureEnergy 10	Business	179	NSW, ACT, VIC, QLD	10%	Consumption
Total Number of Customers		**70,603**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Lucas Heights 2 WMC	86,468	New	✓
Molendinar LFG	1,397	New	✓
Mornington LFG	3,436	New	✓
Stapylton LFG	4,958	New	✓
Suntown LFG	5,478	New	✓
Wyndham LFG	4,698	New	✓
Woodlawn Bioreactor	4,276	New	✓
Banimboola Power Station	2,537	New	✓
Wivenhoe Mini Hydro	3,531	New	✓
Foreshore Park Solar System	4	New	✓
Homebush Business Park Solar (John Cox Centre)	7	New	✓
Singleton Solar Farm (Stage1)	241	New	✓
Singleton Solar Farm (Stage2)	295	New	✓
Sydney Superdome Solar system	81	New	✓
Kooragang Wind Turbine	660	New	✓
Mt Millar Wind Farm	114,468	New	✓
Toora Wind Farm	45,228	New	✓
Woolnorth Studland Bay Wind Farm	5,400	New	✓
Woolnorth Bluff Point Wind Form Stages 1 & 2	218,141	New	✓
Total	**501,304**		

EnergyAustralia did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	60,059	142,447	202,506

Table 4: Surrender of RECs

RECs Surrendered	Compliant
202,506	✔

16. Ergon Energy Queensland – Clean Energy

Queensland Audit Offices' independent audit stated that the GreenPower Report of Ergon Energy Corporation Ltd for the settlement period 1 January 2008 to 31 December 2008 is presented fairly, in all material respects, with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Clean Energy	Residential / Business	58,008	QLD	10%, 25% 50%, 75%, 100%	Consumption
Total Number of Customers		**58,008**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Plane Creek Sugar Mill	1,494	New	✓
South Johnstone Sugar Mill	18,195	New	✓
Tableland Sugar Mill	13,382	New	✓
Tully Sugar Mill	32,159	New	✓
Tinaroo Hydro	6,262	New	✓
Windy Hill Wind Farm Stage 1	29,499	New	✓
Koombooloomba Hydro	22,291	New	✓
Pioneer Sugar Mill	161,050*	Existing	✓
Invicta Sugar Mill	104,224*	Existing	✓
Proserpine Sugar Mill	18,029*	Existing	✓
Babinda Sugar Mill	1,604*	Existing	✓
Bingera Sugar Mill	368*	Existing	✓
Farleigh Sugar Mill	2,997*	Existing	✓
Inkerman Sugar Mill	5,105	Existing	✓
Kalamia Sugar Mill	5,664	Existing	✓
Macknade Sugar Mill	3,111	Existing	✓
Marian Sugar Mill	8,286*	Existing	✓
Maryborough Sugar Mill	2,771*	Existing	✓
Millaquin Sugar Mill	1,170*	Existing	✓
Mossman Sugar Mill	674*	Existing	✓
Mulgrave Sugar Mill	5,200*	Existing	✓
Pleystowe Sugar Mill	3,167*	Existing	✓
Racecourse Sugar Mill	5,822*	Existing	✓
Victoria Sugar Mill	5,540*	Existing	✓
Total	**458,064**		✓

*These Generators did not submit a Generator Return and as such SMEC was unable to use the Generation data to cross-check the figures. These Generators are owned by Ergon Energy Queensland and the amount purchased from each Generator has been verified by the independent auditor.

207,625 MWh were on sold during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	40,983	9,280	50,263

Table 4: Surrender of RECs

RECs Surrendered	Compliant
47,632	✓

The number of RECs surrendered is 5% less that the total GreenPower sales. This relates to the GreenPower sales to existing customers that was met with existing generation.[14]

[14] This corresponds to criteria 3.5 and 3.8 of the Program Rules (Appendix 1); and criteria 3.2 of the GreenPower Transition Arrangements (Appendix 2).

17. Horizon Power – GreenSelect

Stantons International independent audit stated that the GreenPower Annual Audit Report of Horizon Power for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
GreenSelect 50%	Residential / Business	1	WA	50%	Consumption
GreenSelect 100%	Residential / Business	5	WA	100%	Consumption
Total Number of Customers		**6**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Esperance 9 Mile Beach Wind Farm	42	New	✓
Total	**42**		

Horizon power did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)[15]
GreenPower Sales	8	29	38

Table 4: Surrender of RECs

RECs Surrendered	Compliant
42	✓

[15] Numbers do not sum exactly due to rounding.

18. Integral Energy – INgreen

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Integral Energy INgreen Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details[16]

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
INgreen	Residential	24,822	NSW, QLD	Various Options	Consumption
INgreen	Business	98	NSW, QLD	Customer chooses	Consumption
Total Number of Customers		**24,920**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Hampton Wind Park	2,252	New	✓
Cathedral Rocks Wind Farm	26,367	New	✓
Total	**28,619**		

Integral Energy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	27,822	797	28,619

Table 4: Surrender of RECs

RECs Surrendered	Compliant
28,619	✓

[16] Integral Energy's Provider Return did not specify the Product Details. These have been taken from the GreenPower Quarterly Report, December 2008.

19. Integral Energy – Business Green

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Integral Energy Business Green Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details[17]

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Business Green	Business	767	NSW, ACT, VIC, QLD	Customer chooses	Consumption
Total Number of Customers		**767**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Cathedral Rocks Wind Farm	123,633	New	✓
Eastern Creek Landfill Power Station	31,493	New	✓
Kareeya	214,841	Existing	✓
Barron Gorge Hydro	57,029	Existing	✓
Eildon Power Station	28,130	Existing	✓
Total	**455,126**		

Integral Energy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	0	34,573	34,573

Table 4: Surrender of RECs

RECs Surrendered	Compliant
34,573	✓

[17] Integral Energy's Provider Return did not specify the Product Details. These have been taken from the GreenPower Quarterly Report, December 2008.

20. Integral Energy – Hampton Wind

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Integral Energy Hampton Wind Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details[18]

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Hampton Wind	Residential	50	NSW	Not Specified[19]	NA
Total Number of Customers		**50**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Hampton Wind Park	249	New	✓
Total	**249**		

Integral Energy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	249	0	249

Table 4: Surrender of RECs

RECs Surrendered	Compliant
249	✓

[18] Integral Energy's Provider Return did not specify the Product Details. These have been taken from the GreenPower Quarterly Report, December 2008.
[19] The Provider Return and GreenPower Quarterly Report do not specify the level of GreenPower offered in this Product. The Quarterly Report states only that Hampton Wind is not offered to new customers whereas the Provider Return specifies that Integral Energy sold 249MWh GreenPower to new customers.

21. Jackgreen – Jackgreen Power

DNV Certification Pty Ltd independent audit confirms that Jackgreen's GreenPower Annual Audit Report for the JackgreenPower Product is in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

JackGreen was unable to meet the compliance deadline of 31 March 2009 for the transfer and surrender of RECs. An extension was negotiated with the GreenPower Program Manager and Jack Green complied with the revised timetable that was agreed for the submission of the report, with the exception of the Marketing component, which has not been submitted.

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Jackgreen Power 10	Residential	57,809	NSW, QLD, VIC, SA	10%	Consumption
Jackgreen Power 20	Residential	877	NSW, QLD, VIC, SA	20%	Consumption
Jackgreen Power 25	Residential	1,753	NSW, QLD, VIC, SA	25%	Consumption
Jackgreen Power 50	Residential	494	NSW, QLD, VIC, SA	50%	Consumption
Jackgreen Power 100	Residential	2,227	NSW, QLD, VIC, SA	100%	Consumption
Jackgreen Power 10	Business	2	NSW, QLD, VIC, SA	10%	Consumption
Jackgreen Power 20	Business	0	NSW, QLD, VIC, SA	20%	Consumption
Jackgreen Power 25	Business	0	NSW, QLD, VIC, SA	25%	Consumption
Jackgreen Power 50	Business	0	NSW, QLD, VIC, SA	50%	Consumption
Jackgreen Power 100	Business	1	NSW, QLD, VIC, SA	100%	Consumption
Total Number of Customers		**63,163**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Rocky Point Sugar Mill	38,954	New	✓
Total	**38,954**		

Jackgreen did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	37,209	0	37,209

Table 4: Surrender of RECs

RECs Surrendered	Compliant
37,209	✓

22. Momentum – Energy Green

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of Momentum Energy for the Settlement Period 1 January to 31 December 2008 in terms of data is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
10% Green Residential	Residential	311	VIC, SA	10%	Block of 6470 kWh / year
20% Green Residential	Residential	3	VIC, SA	20%	Block of 6470 kWh / year
50% Green Residential	Residential	3	VIC, SA	50%	Block of 6470 kWh / year
100% Green Residential	Residential	5	VIC, SA	100%	Block of 6470 kWh / year
10% Green Commercial	Business	2	VIC, SA	10%	Consumption
20% Green Commercial	Business	2	VIC, SA	20%	Consumption
75% Green Commercial	Business	2	VIC, SA	75%	Consumption
100% Green Commercial	Business	7	VIC, SA	100%	Consumption
Total Number of Customers		**335**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Starfish Hill Wind Farm	1,086	New	✓
Woolnorth Wind Farm	1,012	New	✓
Total	**2,098**		

Momentum did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	199	1,898	2,098

Table 4: Surrender of RECs

RECs Surrendered	Compliant
2,098	✓

23. Neighbourhood Energy – GreenLight

SAHA International's independent audit stated that the GreenPower Annual Audit Report of Neighborhood Energy Pty Limited for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
GreenLight	Residential	255	VIC	10%, 25%, 50% or 100%	Consumption
Total Number of Customers		**255**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Lake Bonney Stage Two Wind Farm	1,077	New	✓
Total	**1,077**		

Neighbourhood Energy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)[20]
GreenPower Sales	1,034	0	1,034

Table 4: Surrender of RECs

RECs Surrendered	Compliant
1,077	✓

150 of the RECs initially surrendered by Neighbourhood Energy to meet requirements for the 2008 Settlement Period were generated from solar hot water, and were not considered eligible under the GreenPower Program (Rule 5 of the GreenPower Transition Arrangements document) Appendix 2. Neighbourhood Energy subsequently rectified this by:

- Surrendering 115 RECs generated by a GreenPower accredited Generator; and
- Reporting a shortfall of 35 RECS (3.2%) REC which will need to be rectified in the 2009 Settlement Period.

[20] Neighbourhood Energy reported total GreenPower sales as 1,112 MWh which included 78 MWh GreenPower for their own use. Neighbourhood Energy chose to surrender an additional 78 RECs.

24. Origin Energy – Green Earth

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Origin Energy GreenEarth Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
GreenEarth	Residential	218,375	NSW, VIC, SA, QLD	20%	Consumption
GreenEarth (25%)	Residential	25,146	NSW, SA	25%	Consumption
GreenEarth Extra	Residential	1,127	NSW, VIC, SA QLD	50%	Consumption
GreenEarth Go Green Calculator	Residential	317	NSW, ACT, VIC, TAS, SA, WA, NT, QLD	100%	Consumption
GreenEarth NSW (10%)	Residential	322	NSW, SA, VIC, QLD	10%	Consumption
GreenEarth Solar	Residential	1,755	NSW, VIC, SA, QLD	100%	Consumption
GreenEarth Wind	Residential	5,702	NSW, VIC, SA QLD	100%	Consumption
Green Events	Business	10	NSW, ACT, VIC, SA, WA, NT, QLD	100%	Consumption
GreenEarth NSW (10%) SME	Business	0	NSW	10%	Consumption
GreenEarth SME	Business	6,250	NSW, VIC, SA, QLD	20%	Consumption
GreenEarth SME (25%)	Business	1,938	NSW, VIC, SA, QLD	25%	Consumption
GreenEarth SME Extra	Business	36	NSW, VIC, SA, QLD	50%	Consumption
GreenEarth SME Solar	Business	16	NSW, VIC, SA	100%	Consumption
GreenEarth SME Wind	Business	3,976	NSW, VIC, SA, QLD	100%	Consumption
GreenEarth (100 OGPR)	Business	1	VIC	100%	Consumption
GreenEarth (100)	Business	57	NSW, ACT, VIC, SA, WA, NT, QLD	100%	Consumption
GreenEarth (80/20)	Business	2	VIC	80%	Consumption
Total Number of Customers		**265,030**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Stotts Creek - Landfill Gas	3,119	New	✓
Sleeman Sports Centre	2,469	New	✓
Codrington	42,572	New	✓
Challicum Hills	138,794	New	✓
Boral LFG - Truganina	8,692	New	✘[21]
EDL Browns Plains	9,842	New	✓
Canunda Wind Farm	20,000	New	✓
Lake Bonney Wind Farm 2	72,926	New	✓
Lake Bonney Wind Farm 1	80,000	New	✓
Cathedral Rocks	27,964	New	✓
Nieterana Mini-Hydro	3,805	New	✓
Parangana Mini-Hydro	2,451	New	✓
Atlas WA LFG	7,840	New	✓
Emu Downs Wind Farm	82,024	New	✓
Snowtown Wind Farm	39,332	New	✓
South Cardup LFG	25,438	New	✓
Origin Small PV Dec 2008	39,020	New	✓
Kareeya Hydro Plant	150,075	Existing	✓
Fairleigh	3,050	Existing	✓
Marian	8,640	Existing	✓
Pleystowe	3,550	Existing	✓
Racecourse	6,000	Existing	✓
Babinda	1,600	Existing	✓
Bingera	360	Existing	✓
Millaquin	1,160	Existing	✓
Inkerman	5,260	Existing	✓
Kalamia	5,560	Existing	✓
Macknade	3,070	Existing	✓
Pioneer	43,040	Existing	✓
Victoria	5,540	Existing	✓
Invicta	69,860	Existing	✓
Prosperine	6,670	Existing	✓
Mulgrave Co-Gen	5,200	Existing	✓
Mossman	670	Existing	✓
Maryborough	770	Existing	✓
Total	**926,363**		

320,000 MWh was on sold during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)[22]
GreenPower Sales	308,326	297,076	605,403

Table 4: Surrender of RECs

RECs Surrendered	Compliant
599,105[23]	✓

[21] This is not on the list of GreenPower accredited Generators; however, this has been addressed in Section 2.11.
[22] Total does not sum exactly due to rounding.
[23] Origin Energy was granted a REC Special Concession of 6,256, however, a 42 REC shortfall remains that Origin Energy will be required to address in the 2009 Settlement Period.

Origin Energy transferred and voluntarily surrendered 701,179 RECs to the GreenPower REC-Registry account to meet their 2008 GreenPower requirement. Of these, 378,675 RECs were ineligible for use against GreenPower sales. These RECs were ineligible as they were Solar Hot Water RECs (refer to Transitional Arrangement 3.5). SMEC identified this issue during the course of the audit and notified Origin Energy. However, as these RECs had been voluntarily surrendered, they were not able to be retrieved.

Origin Energy also surrendered an equivalent number of GreenPower compliant RECs from their MRET account against Origin's MRET liability that were originally destined to be utilised for GreenPower compliance.

Subsequently, Origin Energy applied to the National GreenPower Steering Group (NGPSG) for a Special Waiver of Program Rules under section 2.2.4 of the National GreenPower Accreditation Program: Program Rules.

The application for a Special Waiver was made on the basis of the circumstances detailed above. Origin Energy requested that the NGPSG approve a 'notional transfer' of RECs between its MRET and GreenPower account.

After careful consideration the NGPSG voted unanimously to grant a Special Waiver upon several conditions that included:

- The correct number of GreenPower compliant RECs have been surrendered in the Origin Energy MRET account for the 2008 compliance period such that the objectives of the GreenPower Program continue to be met and the integrity of the Program is not compromised;
- A full audit is undertaken by Origin Energy of all information provided to the Program Manager and contained within the REC-Registry pertaining to the Special Waiver application to determine that the correct number of GreenPower compliant RECs have been surrendered in the Origin Energy MRET account for the 2008 compliance period;
- This audit is to be of the same standard as is required for the Annual GreenPower Technical Audit and carried out by a suitably qualified auditor approved by the National GreenPower Steering Group;
- A full audit statement must be supplied that the conditions of the Special Waiver have been met;
- Full details of the Special Waiver are to be published in the 2008 Annual Audit;
- Origin Energy will provide the Program Manager finalised documentation detailing changes to internal systems and provide call centre staff with a Q&A approved by the NGPSG; and
- It will not be possible for Origin Energy to apply for another Special Waiver in 2010 relating in any way to this matter.

Origin Energy undertook the additional requirements stipulated by the NGPSG and submitted the additional documentation, and the independent audit report, to SMEC.

SMEC is satisfied that all imposed conditions have been met and Origin Energy is considered compliant for auditing purposes for the 2008 settlement period.

25. Origin Energy – Earth's Choice

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Origin Energy EarthsChoice Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
GreenEarth 25%	Residential	55,968	VIC, QLD	25%	Consumption
Earth's Choice 330 kWh	Residential	17,378	VIC, QLD	20%	Block of 1,320 kWh / year
Earth's Choice 665 kWh	Residential	654	VIC, QLD	41%	Block of 2,660 kWh / year
Earth's Choice 1000 kWh	Residential	465	VIC, QLD	62%	Block of 4,000 kWh / year
Earth's Choice 1300 kWh	Residential	959	QLD	80%	Block of 5,200 kWh / year
Earth's Choice 1665 kWh	Residential	90	QLD	103%	Block of 6,660 kWh / year
Earth's Choice 1990 kWh	Residential	102	QLD	123%	Block of 7,960 kWh / year
Earth's Choice 2310 kWh	Residential	18	QLD	143%	Block of 9,240 kWh / year
Earth's Choice 2640 kWh	Residential	25	QLD	163%	Block of 10,560 kWh / year
Earth's Choice 2970 kWh	Residential	4	QLD	184%	Block of 11,880 kWh / year
Earth's Choice 3300 kWh	Residential	10	QLD	204%	Block of 13,200 kWh / year
Earth's Choice 3960 kWh	Residential	5	QLD	245%	Block of 15,840 kWh / year
Earth's Choice 4800 kWh	Residential	2	QLD	297%	Block of 19,200 kWh / year
Earth's Choice 330 kWh	Business	12	QLD	20%	Block of 1,320 kWh / year
Earth's Choice 1300 kWh	Business	4	QLD	80%	Block of 5,200 kWh / year
Earth's Choice 3960 kWh	Business	1	QLD	245%	Block of 15,840 kWh / year
Earth's Choice C&I	Business	5	NSW	100%	Consumption
Earth's Choice C&I	Business	249	QLD	100%	Consumption
Earth's Choice C&I	Business	120	VIC	100%	Consumption
Total Number of Customers		**76,071**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Lake Bonney Stage Two Wind Farm	97,356	New	✓
Total	**97,356**		

Origin Energy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	68,742	28,613	97,355

Table 4: Surrender of RECs

RECs Surrendered	Compliant
97,356	✓

26. Origin Energy – EcoPower

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Origin Energy EcoPower Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
EcoPower Residential	Residential	67	VIC	100%	Consumption
EcoPower SME	Business	5	VIC	100%	Consumption
Total Number of Customers		**72**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Lake Bonney Stage Two Wind Farm	364	New	✓
Total	**364**		

Origin Energy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	258	106	346

Table 4: Surrender of RECs

RECs Surrendered	Compliant
364	✓

27. Origin Energy – EcoSaver

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report spreadsheet for the Origin Energy EcoSaver Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
EcoSaver Residential	Residential	2,081	VIC	100%	Consumption
Total Number of Customers		**2,081**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Lake Bonney Stage Two Wind Farm	4,354	New	✓
Total	**4,354**		

Origin Energy did not on-sell any GreenPower during the 2008 Settlement Period

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	4,354	0	4,354

Table 4: Surrender of RECs

RECs Surrendered	Compliant
4,354	✓

28. Pacific Hydro - GreenPower

GreenPower Services Ltd's independent audit stated that Pacific Hydro's Green Power Annual Audit Report of Pacific Hydro for the settlement period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National Green Power Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Pacific Hydro	Business	5	All	100%	Block[24]
Pacific Hydro (*Employees Only)*	Residential	17	All	100%	Block of 5,000, 10,000 or 15,000 kWh / year
Total Number of Customers		**22**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Yambuk Wind Farm	15,553	New	✓
Total	**15,553**		

Pacific Hydro did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	145	15,408	15,553

Table 4: Surrender of RECs

RECs Surrendered	Compliant
15,553	✓

[24] Block amount is based on customer demand

29. Red Energy – Green Energy

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of Red Energy for the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008)

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
10% Green Power	Business	1	VIC	10%	Consumption
Evergreen 100% Green Power	Residential	10	VIC	100%	Consumption
Total Number of Customers		**11**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Tumut 3 Power Station	41	New	✓
Total	**41**		

Red Energy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	2	39	41

Table 4: Surrender of RECs

RECs Surrendered	Compliant
0[25]	✓

[25] Red Energy was granted a REC Special Concession of 42

30. Simply Energy – GreenSaver

Ernst & Young's independent audit stated that the Reported Data in the Report of Simply Energy for the Settlement period 1 January 2008 – 31 December 2008 are presented, in all material aspects, in accordance with the requirements of the National Green Power Accreditation Program, as set out in Section 3 of the National GreenPower Accreditation Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
GreenSaver	Residential / Business	96,258	VIC , SA	10%[26]	Consumption
Total Number of Customers		**96,258**			

Table 2: GreenPower Purchases (MWh)[27]

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Lake Bonney Stage Two Wind Farm	121,544	New	✓
Canunda Wind Farm	10,000	New	✓
Kareeya	5,442	Existing	✓
Challicum Hills Wind Farm	39,015	New	✓
Codrington Wind Farm	8,575	New	✓
Lake Bonney Stage One Wind Farm	1,518	New	✓
Hallet Wind Farm	4,358	New	✓
Wattle Point Wind Farm	200	New	✓
Toora Wind Farm	137	New	✓
Total	**190,789**		

Simply Energy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	67,912	1,912	69,824

Table 4: Surrender of RECs

RECs Surrendered	Compliant
69,824	✓

A total of 87,842 RECs were surrendered by Simply Energy for its three products (GreenSaver, GreenPremium and Green@work), which is more than sufficient to meet its obligations for the 2008 Settlement Period.

[26] Prior to 01/07/06 the Simply Energy GreenSaver Product was sold as 12.5% GreenPower Accredited.
[27] GreenPower purchases shown are aggregate figures for all Simply Energy Products (GreenSaver, GreenPremium and Green@work)

31. Simply Energy – GreenPremium

Ernst & Young's independent audit stated that the Reported Data in the Report of Simply Energy for the Settlement period 1 January 2008 – 31 December 2008 are presented, in all material aspects, in accordance with the requirements of the National Green Power Accreditation Program, as set out in Section 3 of the National GreenPower Accreditation Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
GreenPremium	Residential / Business	235	VIC, SA	100%	Consumption
Total Number of Customers		**235**			

Table 2: GreenPower Purchases

GreenPower purchases are shown in aggregate for all three Simply Energy GreenPower Products. Please refer to Table 2 in Section 30.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	1,632	7	1,639

Table 4: Surrender of RECs

RECs Surrendered	Compliant
1,639	✓

A total of 87,842 RECs were surrendered by Simply Energy for its three products (GreenSaver, GreenPremium and Green@work), which is more than sufficient to meet its obligations for the 2008 Settlement Period.

32. Simply Energy – Green@work

Ernst & Young's independent audit stated that the Reported Data in the Report of Simply Energy for the Settlement period 1 January 2008 – 31 December 2008 are presented, in all material aspects, in accordance with the requirements of the National Green Power Accreditation Program, as set out in Section 3 of the National GreenPower Accreditation Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Green@work	Business	6	VIC	10%	Consumption
Green@work	Business	1	VIC	12%	Consumption
Green@work	Business	1	VIC	20%	Consumption
Green@work	Business	2	VIC, SA	25%	Consumption
Green@work	Business	1	VIC	30%	Consumption
Green@work	Business	1	VIC	50%	Consumption
Green@work	Business	4	VIC, SA	100%	Consumption
Total Number of Customers		**16**			

Table 2: GreenPower Purchases

GreenPower purchases are shown in aggregate for all three Simply Energy GreenPower Products. Please refer to Table 2 in Section 30.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	0	16,215	16,215

Table 4: Surrender of RECs

RECs Surrendered	Compliant
16,215	✓

A total of 87,842 RECs were surrendered by Simply Energy for its three products (GreenSaver, GreenPremium and Green@work), which is more than sufficient to meet its obligations for the 2008 Settlement Period.

33. Synergy – NaturalPower

Stantons International independent audit stated that the GreenPower Annual Audit Report of Synergy for the Settlement Period 1 January to 31 December 2008 for NaturalPower is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
NaturalPower	Residential	6,228	WA	25%-100%	Consumption
NaturalPower	Business	1,302	WA	2.5%-100%	Consumption
Total Number of Customers		**7,530**			

Table 2: GreenPower Purchases (MWh)[28]

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Albany Wind Farm	59,435	New	✓
Emu Downs Wind Farm	13,261	New	✓
Total	**72,696**		

Synergy did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	29,160	41,029	70,189

Table 4: Surrender of RECs

RECs Surrendered	Compliant
70,189	✓

[28] GreenPower purchases shown are aggregate figures for both Synergy Products: NaturalPower (70,189 MWh) and EasyGreen (2,507 MWh).

34. Synergy – EasyGreen

Stantons International independent audit stated that the GreenPower Annual Audit Report of Synergy for the Settlement Period 1 January to 31 December 2008 for EasyGreen is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
EasyGreen[29]	Residential	1,258	WA	23%-186%	Block[30]
Total Number of Customers		**1,258**			

Table 2: GreenPower Purchases

GreenPower purchases are shown in aggregate for both of Synergy's GreenPower Products. Please refer to table 2 in Section 33.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	2,507	0	2,507

Table 4: Surrender of RECs

RECs Surrendered	Compliant
2,507	✓

[29] The Synergy EasyGreen Product allows customers to pay a set dollar contribution ranging from $10 - $80 per two monthly billing period. Set dollar amount is used to purchase set block amounts of GreenPower accredited renewable energy
[30] The set block amounts of GreenPower accredited renewable energy range from 1,362 kWh/year to 10,908 (1200 – 9600?) kWh/year depending on the dollar contribution amount selected

35. TRUenergy – TRUenergy Green

Environmental Resource Management (ERM) Australia's independent audit stated that the GreenPower Annual Technical Report of TRUenergy Pty Ltd for the Settlement Period 1 January – 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program, as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Go Green	Residential	114,277	NSW, ACT, VIC, SA, QLD	10%	Consumption
TRUenergy Planet Starter	Residential	18,446	NSW, ACT, VIC, SA, QLD	10%	Consumption
TRUenergy Planet	Residential	7,053	NSW, ACT, VIC, SA, QLD	20%	Consumption
	Residential				
TRUenergy Planet Plus	Residential	896	NSW, ACT, VIC, SA, QLD	50%	Consumption
TRUenergy Wind Power	Residential	1,374	NSW, ACT, VIC, SA, QLD	100%	Consumption
TRUenergy Eco Friendly - 2.5%	Business	1,111	NSW, ACT, VIC, SA, QLD	2.50%	Consumption
TRUenergy Eco Friendly - 5%	Business	145	NSW, ACT, VIC, SA, QLD	5%	Consumption
TRUenergy Eco Friendly - 10%	Business	298	NSW, ACT, VIC, SA, QLD	10%	Consumption
	Business				
TRUenergy Eco Friendly - 25%	Business	130	NSW, ACT, VIC, SA, QLD	25%	Consumption
TRUenergy Eco Friendly - 50%	Business	85	NSW, ACT, VIC, SA, QLD	50%	Consumption
TRUenergy Eco Friendly - 75%	Business	21	NSW, ACT, VIC, SA, QLD	75%	Consumption
TRUenergy Eco Friendly - 100%	Business	55	NSW, ACT, VIC, SA, QLD	100%	Consumption
TRUenergy Wind Power	Business	208	NSW, ACT, VIC, SA, QLD	100%	Consumption
TRUenergy Green 10%	Business	1,493	NSW, ACT, VIC, SA, QLD	10%	Consumption
TRUenergy Green 25%	Business	81	NSW, ACT, VIC, SA, QLD	25%	Consumption
TRUenergy Green 100%	Business	6	NSW, ACT, VIC, SA, QLD	100%	Consumption
Total Number of Customers		**145,679**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Wattle Point Wind Farm	172,098	New	✓
Cathedral Rocks Wind Farm	199,366	New	✓
Total	**371,463**		

150,000 MWh were on sold during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	70,754	28,075	98,828[31]

Table 4: Surrender of RECs

RECs Surrendered	Compliant
93,575	✓

The number of RECs surrendered is 5% less that the total GreenPower sales. This relates to the GreenPower sales to existing customers that was met with existing generation.[32]

[31] Total figure for GreenPower Sales is higher due to rounding.
[32] This corresponds to criteria 3.5 and 3.8 of the Program Rules (Appendix 1); and criteria 3.2 of the GreenPower Transition Arrangements (Appendix 2).

36. South Australia Electricity – Green Energy

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report for the South Australia Electricity Green Energy Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Eco Green	Residential	194	SA	10%	Consumption
Eco Green	Business	0	SA	10%	Consumption
Premium Green	Residential	95	SA	100%	Consumption
Premium Green	Business	0	SA	100%	Consumption
Total Number of Customers		**289**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Remount Renewable Energy Facility	520	New	✓
Total	**520**		

South Australia Electricity did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	520	0	520

Table 4: Surrender of RECs

RECs Surrendered	Compliant
520	✓

37. Queensland Electricity – Green Energy

URS Australia Pty Ltd's independent audit stated that the GreenPower Annual Audit Report for the Queensland Electricity Green Energy Product relating to the Settlement Period 1 January to 31 December 2008 is fairly presented, and in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Eco Green	Residential	1,054	QLD	10%	Consumption
Eco Green	Business	0	QLD	10%	Consumption
Premium Green	Residential	89	QLD	100%	Consumption
Premium Green	Business	0	QLD	100%	Consumption
Total Number of Customers		**1,143**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Remount Renewable Energy Facility	680	New	✓
Total	**680**		

Queensland Electricity did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	680	0	680

Table 4: Surrender of RECs

RECs Surrendered	Compliant
680	✓

38. Victoria Electricity – Green Energy

URS Australia Pty Ltd's independent audit stated that Victoria Electricity's GreenPower Annual Audit Report for the Green Energy Product is in accordance with the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Eco Green	Residential	10,692	VIC	10%	Consumption
Eco Green	Business	10	VIC	10%	Consumption
Premium Green	Residential	1,045	VIC	100%	Consumption
Premium Green	Business	42	VIC	100%	Consumption
Total Number of Customers		**11,789**			

Table 2: GreenPower Purchases (MWh)

Name of Generator	GreenPower Rights Purchased	Existing / New Generator	GreenPower Approved
Wollert Renewable Energy Facility	7,747	New	✓
Hallam Road Renewable Energy facility	2,972	New	✓
Total	**10,719**		

Victoria Electricity did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	9,302	1,417	10,719

Table 4: Surrender of RECs

RECs Surrendered	Compliant
10,719	✓

39. Viridor – Deep Green

GreenPower Services Pty Ltd's independent audit stated that the GreenPower Annual Audit Report of Viridor for the settlement period 1 January to 31 December 2008 is fairly presented, and in accordance with applicable Accounting Standards and the requirements of the National GreenPower Accreditation Program as defined in the National GreenPower Accreditation Program Rules, Version 4 (January 2008).

Table 1: Product Details

Product Options	Residential / Business	Number of Customers	Australian Jurisdictions	GreenPower Accreditation	Consumption / Block
Viridor Deep Green	Business	2	All	100%	Consumption
Total Number of Customers		**2**			

Table 2: GreenPower Purchases

Name of Generator	Amount Purchased (MWh)	Existing / New Generator	GreenPower Approved
Koombooloomba Hydro	2,515	New	✓
Total Purchased	**2,515**		

Viridor did not on-sell any GreenPower during the 2008 Settlement Period.

Table 3: GreenPower Sales

	Residential (MWh)	Business (MWh)	Total (MWh)
GreenPower Sales	0	2,515	2,515

Table 4: Surrender of RECs

RECs Surrendered	Compliant
2,515	✓

Appendix 1: National GreenPower Accreditation Program: Program Rules

National GreenPower Accreditation Program:

Program Rules

Version 4

January 2008

GreenPower™
Accredited Renewable Energy

Contents

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1. The National GreenPower Accreditation Program

1.1 Introduction

The *National GreenPower Accreditation Program: Program Rules* (formerly titled the *National GreenPower Accreditation Program Accreditation Document Version 3.4)* outlines the terms and conditions of participation in the National GreenPower Accreditation Program for GreenPower Providers and GreenPower Generators. It provides participating electricity GreenPower Providers and GreenPower Generators with information about the National GreenPower Accreditation Program, including:

- Section 1 — Background and aims of the National GreenPower Accreditation Program; interaction with sustainable energy schemes in Australia
- Section 2 — Definitions for GreenPower Products, GreenPower Generators and GreenPower purchases
- Section 3 — Technical Criteria for gaining and maintaining accreditation for a GreenPower Product
- Section 4 — Marketing Criteria for gaining and maintaining accreditation for a GreenPower Product
- Section 5 — Eligibility requirements for GreenPower Generators
- Section 6 — GreenPower Provider reporting and annual audits
- Appendix A — Assessment guidelines for approval of GreenPower Generators
- Appendix B — Application for GreenPower Generator approval
- Appendix C — Definitions of terms
- Appendix D — National GreenPower Steering Group Charter

1.2 Background

In 1997, the Sustainable Energy Development Authority (SEDA) in NSW established the GreenPower Accreditation Program to accredit electricity retailers' Renewable Energy products (N.B. SEDA's functions were incorporated into the NSW Department of Energy, Utilities & Sustainability (DEUS) on 1 July 2004 and DEUS' functions were incorporated into the NSW Department of Water and Energy on 27 April 2007). The program was developed in consultation with the energy industry, and various non-government organisations including the Australian Consumers Association, Greenpeace, the Australian Conservation Foundation and the World Wide Fund for Nature.

The program is now offered nationally through joint collaboration by participating jurisdictions, collectively known as the National GreenPower Steering Group (NGPSG).

As of March 2005 any organisation (including non-licensed energy retailers) that is eligible to purchase Renewable Energy Certificates are eligible to develop a product for accreditation as a GreenPower Product. As a result, all relevant references to 'retailers' in the Program Rules have been replaced with 'GreenPower Provider'.

Mission

Driving investment in Renewable Energy in Australia, with a view to decreasing greenhouse gas emissions, by increasing awareness of, and ensuring consumer confidence in, environmentally sound Renewable Energy products.

Aims

- To facilitate the installation of new Renewable Energy generators across Australia beyond mandatory renewable requirements.
- To encourage growth in consumer demand for Renewable Energy.
- To provide consumer choice for, and increase confidence in credible Renewable Energy products
- To increase consumer awareness of Renewable Energy and greenhouse issues.
- To decrease greenhouse gas emissions associated with electricity generation.

The National GreenPower Accreditation Program is an independent test for products offered by GreenPower Providers. Those that meet the Accreditation Criteria earn the right to use the GreenPower Product logo, providing customers assurance that their products adhere to these requirements and that monies will be put towards the purposes expected.

Both GreenPower Providers and GreenPower customers benefit from promotional packages, developed by the National GreenPower Accreditation Program's State and Commonwealth participants, which includes the use of the GreenPower logos at no cost (see Section 4), and may include joint promotional events and advertising through both print and electronic media.

National GreenPower Steering Group (NGPSG)

In May 2000, the National GreenPower Steering Group (NGPSG) was officially established to oversee management of the program. This governing body is comprised of representatives from state government agencies from NSW, Victoria, Queensland, Western Australia, South Australia and the ACT.

Program Managers

Accreditation:

The NSW Department of Water and Energy has been appointed as Program Manager: Accreditation and administers the program on behalf of the NGPSG for GreenPower Products and GreenPower Generators.

Sustainability Victoria has been appointed as Program Manager: Marketing and administers the marketing functions of the program on behalf of the NGPSG.

Refer to the Charter in Appendix D for further details on the role of NGPSG, and respective responsibilities of the Program Manager and the NGPSG.

1.3 Interaction with Other Sustainable Energy Schemes in the Australian Electricity Market

The Federal Mandatory Renewable Energy Target (MRET) – April 2001

The Federal Mandatory Renewable Energy Target (MRET) was legislated under the Renewable Energy (Electricity) Act 2000 and introduced on 1 April 2001. It requires an additional purchase of 9,500GWh of Renewable Energy by 2010 to be shared across all electricity suppliers (and wholesale buyers). Each supplier will have to surrender a certain amount of 'Renewable Energy Certificates' (1 REC = 1 MWh) to the Office of Renewable Energy Regulator for meeting specified interim targets each year to 2010, depending on their volume of electricity sales.

The MRET and the National GreenPower Accreditation Program have similar objectives - to reduce greenhouse gas emissions from the electricity generation sector and drive investment in Renewable Energy projects. However, the two schemes utilise very different mechanisms to deliver the same objective - MRET is a Federal mandatory requirement, while GreenPower relies on voluntary participation by consumers.

In 2000, the National GreenPower Steering Group (NGPSG) co-ordinated extensive consultation with electricity retailers, generator owners, consumer groups and other stakeholders to ensure that any changes made to the National GreenPower Accreditation Program in relation to the interaction of GreenPower and MRET had the full input of all those involved and operating in the market.

Based on support from the majority of stakeholders, the NGPSG has agreed to ensure GreenPower Customer contributions for GreenPower will result in additional investment in new Renewable Energy generation and an increase in associated greenhouse gas reductions above targets set by MRET. In short, the Renewable Energy purchased to make GreenPower sales will not be able to be used by energy suppliers to meet their MRET obligations.

Refer to Section 3.8 for accreditation requirements related to the interaction of GreenPower and MRET.

NSW Greenhouse Gas Abatement Scheme – 1 January 2003

From 1 January 2003, NSW electricity retailers (and certain other parties) were required to meet mandatory targets for abating greenhouse gas emissions from electricity production and use. This scheme is known as the NSW Greenhouse Gas Abatement Scheme and is implemented through the *Electricity Supply Amendment (Greenhouse Gas Emission Reduction) Act 2002.*

Electricity retailers are required to reduce emissions in line with a sector-wide greenhouse 'benchmark', by sourcing cleaner energy supply and promoting energy efficiency. The sector-wide benchmark is to reduce

emissions to 5 per cent below 1990 per capita emission levels, equivalent to 7.27 tCO_2-e per capita by 2006-07. Electricity retailers are required to meet annual reduction targets to achieve the benchmark. Targets each year will be enforced, with electricity retailers paying a penalty where they fail to meet their annual benchmarks. It is expected that the target will be maintained at that level until 2012 or until reviewed.

Under this scheme, GreenPower Providers are not able to count sales and associated greenhouse gas reductions made through their GreenPower Products towards meeting their compliance targets.

For more information on the scheme, visit www.greenhousegas.nsw.gov.au, or contact the NSW Industry Pricing and Regulatory Tribunal (IPART) which is responsible for administering the scheme.

The Victorian Renewable Energy Target (VRET) – January 2007

The Victorian Renewable Energy Target (VRET) scheme will introduce a market based measure to ensure the Victorian Government meets its commitment to achieve 10 per cent of electricity consumption from Renewable Energy sources in Victoria.

Under the Victorian Renewable Energy Target Act 2006, retailers and wholesale purchasers of electricity will be required to contribute proportionately towards a Renewable Energy target of an additional 3,274 GWh of Renewable Energy by 2016. Retailers and wholesale purchasers of electricity will be required to surrender Renewable Energy Certificates (RECs) on an annual basis.

Renewable Energy generators that start operation after January 2007 will be able to create RECs for a period of 15 years. With the exception of energy from solar hot water systems, VRET recognises similar eligible Renewable Energy sources like hydro, solar, wind, geothermal and biomass as the Federal Government's MRET scheme.

The Victorian Essential Services Commission (ESC) is responsible for administering the VRET scheme.

Renewable Energy purchased to make GreenPower sales will not be able to be used by GreenPower Providers to meet their VRET obligations. Refer to Section 3.8 for requirements related to the interaction of GreenPower and RECs created under VRET.

The New South Wales Renewable Energy Target (NRET) – Anticipated January 2008

The New South Wales Renewable Energy Target (NRET) scheme will introduce a market based measure to ensure the New South Wales Government meets its commitment to achieve a target of 10 per cent of electricity consumption from Renewable Energy sources by 2010 and 15 per cent by 2020, with the 2020 level maintained to 2030.

Under the NRET, retailers and wholesale purchasers of electricity will be required to contribute proportionately towards a Renewable Energy Target of an additional 1,317 GWh of new Renewable Energy by 2010 and 7,250 GWh by 2020. Retailers and wholesale purchasers of electricity will be required to surrender Renewable Energy Certificates (NRECs) to meet their targets. The NRECs can be acquired from new renewable generators supplying to the National Electricity Market.

Renewable Energy purchased to make GreenPower sales will not be able to be used by GreenPower Providers to meet their NRET obligations. Refer to Section 3.8 for requirements related to the interaction of GreenPower and RECs created under NRET.

Future Mandatory Energy Targets

GreenPower will interact with all future mandatory energy targets in a similar way to those already in existence. That is, Renewable Energy purchased to make GreenPower sales will not be able to be used by GreenPower Providers to meet mandatory obligations.

2. GreenPower Providers, Products, Generators and Acquisitions

This section defines GreenPower Providers, GreenPower Products and GreenPower Generators, in addition to requirements related to the use of GreenPower Generators. Eligibility criteria for Generators are outlined in Section 5. Further details on applying for generator approval can be found in Appendix B with related definitions provided in Appendix C.

2.1 What is a GreenPower Provider?

A GreenPower Provider is an energy provider that has entered into a contractual agreement with the GreenPower Program Manager to sell GreenPower Products and has had a GreenPower Product accredited by the Program Manager.

2.1.1 GreenPower Provider Fees

The GreenPower Provider agrees to pay to the Program Manager an annual accreditation fee of five thousand dollars ($5,000) as a contribution to the cost of administering the National GreenPower Accreditation Program.

The NPGSG reserves the right to review and increase this fee.

2.2 What is a GreenPower Product?

GreenPower Products provide a 'green' tariff option to electricity purchasers (residential and/or commercial customers). The GreenPower Provider commits to ensuring an equivalent amount of Renewable Energy is produced from GreenPower Generators to the amount of GreenPower energy requested (purchased) by the GreenPower Customer.

The term 'GreenPower Product' refers only to the GreenPower accredited portion of any product offering by a GreenPower Provider.

2.2.1 Process of Product Accreditation

Any energy provider may apply to join the National GreenPower Accreditation Program. Energy providers should note that individual GreenPower Products, rather than GreenPower Providers, are accredited and that GreenPower Rights may not be traded outside of this scheme. A GreenPower Provider may choose to offer one or several GreenPower Products. Each GreenPower Product requires a separate application, which includes details on administration, eligible GreenPower Customers and a portfolio of 'green' generators. To offer GreenPower Products, GreenPower Providers must also meet any local jurisdictional licensing requirements.

<u>The application process for GreenPower accreditation involves the following steps:</u>

1. The applicant will be required to sign a contract with the Program Manager that specifies the undertakings of both parties. Execution of this contract entitles the applicant to use the GreenPower Logos and all other accreditation materials (promotional and reporting) available for any GreenPower accredited Products.

2. Request from the Program Manager the necessary GreenPower documentation and forms, including the contract, logo guidelines and logo license application forms (see 'Use of GreenPower Logos' in Section 4).
3. Forward the completed application form, contract and all necessary attachments to the Program Manager, allowing at least three weeks for initial assessment.
4. The Program Manager assesses the application for accreditation. Where the application does not meet the criteria of the National GreenPower Accreditation Program, or where insufficient details are provided, applicants are advised accordingly and amendments suggested.
5. Once the GreenPower Product has been approved, and the contract executed by the Program Manager, the GreenPower Provider will then be advised by letter.
6. The GreenPower Provider may apply to have further GreenPower products accredited at a later time and the contract will be amended accordingly.

When offering electricity contracts and tariffs, GreenPower Providers may wish to offer a combination of 'green' electricity with non-green electricity. Some GreenPower Customers will only wish to purchase a portion of their energy or elect a block tariff option associated with only a certain amount of energy from GreenPower Generators. Allowance for this has been made in the development of the National GreenPower Accreditation Program, whereby the 'green' component of a blend can be accredited.

On an annual basis, an independent auditor performs a technical audit of each GreenPower Provider's accredited Products to ensure continual compliance with the Accreditation Criteria outlined in Section 3.

2.2.2 Breaches and Withdrawal of Accreditation

The Program Manager, after agreement from the NGPSG, may withdraw accreditation from a GreenPower Product the operation of which has breached, or failed to comply with, the Accreditation Criteria (Section 3).

The Program Manager will advise the GreenPower Provider of any apparent breach of the Accreditation Criteria by way of a "show cause" notice of the apparent breach. Where the GreenPower Provider does not rectify the breach or provide evidence to the contrary within the required time period, the Program Manager will put the GreenPower Provider on probation and advise the NGPSG accordingly. The GreenPower Provider will be given a set period during which to rectify the breach of accreditation, and where the breach is not rectified during the time period the Program Manager will advise the NGPSG accordingly, and accreditation of the GreenPower Product will be withdrawn subject to NGPSG agreement. Details of any breaches, notices and withdrawal of accreditation will be listed in the annual GreenPower Audit.

If accreditation of a GreenPower Product is withdrawn, the GreenPower Provider will be required to cease promotion of the GreenPower Product and notify their GreenPower Customers, as agreed under contract.

In the event of a delay or failure to comply with the Accreditation Criteria due to Force Majeure circumstances (Appendix C), the GreenPower Provider must provide the Program Manager with sufficient details of the issue. Allowable concessions may then be considered by the Program Manager in consultation with the NGPSG. If the delay or failure to comply exceeds a 30 day period (or such timeframe as agreed to by Program Manager), accreditation may be withdrawn.

2.2.3 Changes to the Accreditation Program

The NGPSG reserves the right to review and amend the operation and conditions of the National GreenPower Accreditation Program and these Program Rules, whether. The Program Manager will notify the GreenPower Provider of any proposed amendments to the operation and conditions of the National GreenPower Accreditation Program and the Program Rules. The GreenPower Provider will be given the opportunity to provide feedback in the review process at least one month prior to such amendments taking affect. Where necessary, the GreenPower Provider will be given reasonable time to adapt the existing GreenPower Product to meet any requirement modifications.

2.3 Use of GreenPower Generators

All electricity generators used in a GreenPower Product must be approved as a GreenPower Generator by the Program Manager. Under the National GreenPower Accreditation Program, a GreenPower Generator is defined as 'an electricity generator that results in greenhouse gas emission reduction, Net Environmental Benefits, and is based primarily on a Renewable Energy resource, and is approved by the Program Manager.

All projects are individually assessed for approval against eligibility criteria (Section 5) and other generation type-specific considerations (Appendix A), and require support from consumer and environmental stakeholders.

Please note that "primarily based on a Renewable Energy resource" means that more than half of the energy output must be attributed to an eligible Renewable Energy resource. Non-renewable resources are those based on fossil fuels.

The major renewable electricity generation types include:

- Solar Photovoltaic and Solar Thermal Electric Systems
- Wind Turbines and Wind Farms
- Hydro-Electric Power Stations
- Biomass-Fuelled Power Stations
- Geothermal Power Stations
- Wave and Tidal Power Stations.

Section 5 outlines the eligibility requirements for all GreenPower Generators. Refer to Appendix A for approval considerations for each generation type, and relevant environmental and consumer considerations.

2.3.1 New and Existing GreenPower Generators

There are two types of GreenPower Generators:

- A New GreenPower Generator is defined as an electricity generator or increase in generator capacity[1], which was commissioned or first sold energy (whichever is earlier) after the launch of the relevant GreenPower Product or after January 1, 1997 (whichever is earlier) and that has been accredited under the National GreenPower Accreditation Program.

- An Existing GreenPower Generator is defined as an electricity generator or increase in generator capacity which was commissioned or first sold energy (whichever is earlier) prior to January 1, 1997 and that has been accredited under the National GreenPower Accreditation Program.

GreenPower Providers are reminded that the spirit of GreenPower is to move towards New electricity generation as quickly as possible. From 1 January 2009, only electricity generated from New GreenPower Generators will be permitted for use in GreenPower Products. Electricity generated by Existing GreenPower Generators will no longer be able to be included in GreenPower Products after this date. Section 3.5 addresses accreditation criteria for use of New generation in GreenPower Products.

2.3.2 Approval Process

GreenPower Providers must ensure that all generators to be used in their GreenPower Product have been given written GreenPower approval, prior to the inclusion of these generators in the GreenPower Product (as under Section 3.2). Either GreenPower Providers or generator owners can request for approval. The approval application process, and associated fees, for GreenPower Generators is outlined in Appendix B.

The date of accreditation for a generator will be the date on which the application is approved by the Program Manager

GreenPower Providers should advise the Program Manager of the addition of any New GreenPower Generators to the GreenPower Product as soon as practicable. GreenPower Providers will be required to report regularly to the Program Manager of all New and Existing GreenPower Generators used in the GreenPower Product (see Reporting Section 6).

2.3.3 Generator Pre-approval

Power station developers, generator owners or GreenPower Providers may approach the Program Manager at any time to inquire about possible eligibility of generators for GreenPower approval. However, while a preliminary view can be given as to the likely eligibility of a generator (subject to provision of project-specific information including site/location details, environmental and consumer considerations), the proponent will be required to submit a formal application and pay the associated fee for approval once all details are finalised, including fuel sources, technologies and environmental management (as specified in Appendix B).

2.4 GreenPower Acquisitions

As of 1 July 2001, GreenPower Providers were able to purchase and on-sell the GreenPower Rights separately to the electricity produced from a GreenPower Generator, for use in GreenPower Products. Requirements for operation are discussed below.

2.4.1 GreenPower Rights

A GreenPower Right is defined as the right to claim any eligible GreenPower generation (or a portion of generation) from a GreenPower Generator that may be bought by or transferred to a GreenPower Provider for use in respect of a GreenPower Product.

[1] Where it involves an increase in generator capacity (e.g. upgrades), new generation is measured as that generation which occurs over and above the existing installed capacity as a result of significant capital investment.

GreenPower Rights may not be granted, sold, transferred or otherwise disposed of except by participants in the National GreenPower Accreditation Program to other participants for the purpose of use in respect of a GreenPower Product by a GreenPower Provider.

While the National GreenPower Accreditation Program no longer requires the purchase of the physical electricity, GreenPower Rights are only valid (i.e. the GreenPower Provider can claim the GreenPower generation) where it can be demonstrated that the electricity to which it is associated has been generated by a GreenPower Generator.

GreenPower Rights are only valid within the Settlement Period in which the generation to which they are associated has occurred, except where carryover to the next period has been authorised under flexibility mechanisms outlined in Section 3.7, or in the case of deemed GreenPower Rights from small-scale systems (see Appendix A, Embedded Generators).

2.4.2 Initial Ownership

For existing power sale contracts for the purchase of GreenPower approved electricity signed prior to 1st July 2001, ownership of the GreenPower Rights will be automatically assigned to the party purchasing the electricity for the duration of the contract, unless the Program Manager is formally notified of a change in arrangements (for example, via renegotiation). At the end of the contract's term, or at the date of variation or renegotiation, ownership of the right will be reverted to the generator owner unless otherwise sold.

For existing power sale contracts signed after 1 July 2001, GreenPower Generator owners own the GreenPower Rights by default until otherwise sold, provided that such GreenPower Rights may only be sold, transferred or otherwise disposed of by participants in the National GreenPower Accreditation Program to other participants for the purpose of use in respect of a GreenPower Product.

2.4.3 Verification and Validity of GreenPower Rights

When trading the GreenPower Rights, it is the responsibility of the party purchasing the GreenPower Rights to ensure that they are valid. To this end, it is advised that GreenPower Providers undertake the necessary due diligence processes at time of purchase and keep a record of the arrangement. This could include the following details:

- The name of the power station or unit, and owner of the power station
- Date of trade
- Volume of energy purchase (kWh, per cent of output) to which the GreenPower Rights are associated
- Fuel source
- The period (or date) of generation covered by GreenPower Rights
- Status or proportion as New or Existing GreenPower generation covered by the purchase of those GreenPower Rights

GreenPower Providers may also wish to obtain sufficient information to track and record the ownership history of the GreenPower Rights back to actual generator output (i.e. use a paper trail).

As GreenPower Rights are solely for use in GreenPower Products, GreenPower Providers and GreenPower Generators will need to provide reports as part of the annual audit process to verify GreenPower purchases and actual generation, for checking compliance with the Accreditation Criteria (Section 3). See Section 6.2 for details on annual audit reports.

Section 3.6 outlines the validity of GreenPower acquisitions for claiming generation purchases. Any claim found to be invalid by the Program Manager will be rejected and it will be the GreenPower Provider's responsibility to rectify the GreenPower purchase.

2.5 Dispute Resolution

The Program Manager is acting on behalf of the NGPSG. As such a GreenPower Provider or GreenPower Generator owner has the right to appeal to the NGPSG if there is a dispute over the Program Manager's decision regarding GreenPower Product accreditation, generator approval, ownership of GreenPower Rights or other. The decision of the NGPSG is final and cannot be contested.

3. GreenPower Product Technical Criteria

Sections 3 and 4 define the Technical and Marketing Accreditation Criteria for a product to gain and maintain accreditation under the National GreenPower Accreditation Program. GreenPower Providers are audited against these criteria on an annual basis, and information is made publicly available.

3.1 Technical Auditing

The GreenPower Provider must provide the Program Manager with the reports and other information necessary to carry out a technical audit of all GreenPower Products each year. The technical report must be audited by an independent and suitably qualified auditor (Tier 1 or Tier 2 accounting companies) approved by the GreenPower Provider.

This audited technical report and a separate audit statement prepared by the independent auditors must be provided to the Program Manager in the format specified by the Program Manager and in the timing referred to in Section 6. If a GreenPower Provider fails to submit the technical report in the specified time frame without prior written consent from the Program Manager, it will be considered a breach of accreditation and accreditation may be withdrawn (as per Section 2.2.2).

In cases where it is deemed necessary for auditing purposes, GreenPower Providers will be required to provide financial statements upon request by the Program Manager.

3.2 Use of GreenPower Generators

All electricity generators installed as a result of or used by GreenPower Products must:

- be approved by the Program Manager; and
- conform to the definition and eligibility requirements of a GreenPower Generator as set out in Section 5.

The Program Manager, on behalf of the NGPSG, has the right to disallow particular generators that in its opinion do not fulfil the definition of a GreenPower Generator.

3.3 Changes to the GreenPower Product and Generators

GreenPower Providers must alert the Program Manager in writing of any changes that are made to the operation of the GreenPower Product (e.g. GreenPower Product structure, changes in fuel sources, etc) prior to those changes taking effect.

GreenPower Providers are not required to seek approval from DWE for inclusion of New GreenPower Generators, however this information must be advised in the Quarterly Report following the inclusion. It is the GreenPower Provider's responsibility to ensure that those generators being used in their product do have GreenPower approval (see 3.2).

3.4 Minimum Percentage Requirement of Accredited GreenPower in Blended Products

GreenPower Providers are required to have a minimum 10 per cent GreenPower content in products offered to new residential customers for all products. The minimum GreenPower content of residential block-based products is set at 647kWh/year from 1 January 2007 to 31 December 2009. This value represents 10 per cent of the national average residential electricity consumption (based on 2003-2004 ESAA data).

Existing residential contracts with end users for a blended GreenPower Product made up of less than 10 per cent accredited GreenPower are to be amended accordingly by 1 March 2007 for consumption-based GreenPower Products and by 1 January 2008 for block-based GreenPower Products.

3.5 Proportion of Energy from New GreenPower Generators

All residential and business GreenPower Products for all new customers must be derived from a New GreenPower Generator.

Existing residential and business contracts for existing GreenPower Products that do not meet this criterion have until 31 December 2008 to be amended accordingly.

3.6 Claims of Eligible Generation for GreenPower Products

The Program Manager will only accept claims for GreenPower generation purchases as valid, if it can be verified that:

- The GreenPower Provider is the owner of the GreenPower Rights to eligible GreenPower generation over the Settlement Period. GreenPower Providers will need to verify the volume of generation (and proportion of New versus Existing); and the time period of generation to which those GreenPower Rights are associated;
- Where only a proportion of the generation from a GreenPower Generator is eligible for use in a GreenPower Product (see Section 5.2.2), GreenPower Providers can only claim that eligible portion for a GreenPower Product, as defined under the conditions in the GreenPower Generator approval by the Program Manager;
- The generation to which the GreenPower Rights are associated and claimed for use in the GreenPower Product has actually occurred within the Settlement Period*; and
- A Renewable Energy Certificate is surrendered for each MWh of New GreenPower generation sold through the GreenPower Product (subject to conditions outlined in Section 3.9).

Any claim found to be invalid (i.e. if one or more of the above conditions are not satisfied, where applicable) will be rejected, and it will be the GreenPower Provider's responsibility to rectify the GreenPower purchase. See Section 3.7 for balancing supply and demand.

*Actual GreenPower generation output is verified through the generator reporting process as part of the Annual Audit, as outlined in Section 5.6.

3.7 Balancing GreenPower Supply and Demand

Each GreenPower Product must have an identified Settlement Period over which GreenPower supply balances demand i.e. GreenPower Providers are required to have made valid claims for GreenPower purchases (as defined in Section 3.6) equivalent to the amount sold to their GreenPower Customers through their GreenPower Product within the Settlement Period.

The Program Manager will allow a 3 month reconciliation period after the end of the Settlement Period. i.e. GreenPower Providers must have completed any GreenPower Rights transactions and surrendered the required number of RECs, as determined by the Program Manager, within this timeframe (see Section 3.8).

The generation of any GreenPower Rights transactions which are finalised in this period after 31 December, must have occurred within the defined Settlement Period (this does not include the 3 month reconciliation period).

It is considered a serious breach of accreditation if demand is not met over the Settlement Period. In cases where there is a shortfall of valid claims for the purchase of New GreenPower generation (as defined in Section 3.6) to satisfy the requirements for the New GreenPower generation component of a GreenPower Product, the following will apply.

1. The GreenPower Provider will still be required to match the GreenPower demand with supply, over the Settlement Period, by making up the shortfall with Existing GreenPower generation purchases.

2.(a) Where the GreenPower Provider satisfies condition (1) above, the Program Manager will allow a leeway for a 5 per cent shortfall on energy sales from New GreenPower generation within the 1-year Settlement Period, subject to notification by the GreenPower Provider. Conditions 3 and 4 will apply.

(b) Where a GreenPower Provider fails to meet condition (1) or where a shortfall exceeds the allowable leeway level (as specified in 2(a)), the GreenPower Provider will be placed on probation and given 2 months to rectify the shortfall via credits/rebates to affected GreenPower Customers. The GreenPower Provider must provide proof that this action is taken and the Program Manager will assess the evidence for compliance and audit the GreenPower Provider at the expense of the GreenPower Provider if necessary. Where the GreenPower Provider makes no attempt to make up the New GreenPower generation shortfall, withdrawal of accreditation may be considered by the NGPSG.

3. This shortfall must be rectified in the following 1-year Settlement Period by purchasing sufficient additional New GreenPower Generation (and RECs) to make up that shortfall. Evidence of this

purchase must be provided within their audited statement, submitted to the Program Manager's independent auditors at the end of the following Settlement Period for evidence of compliance.

4. Where the New GreenPower generation shortfall is not made up as required in the following Settlement Period, it is considered a serious breach of accreditation and the NGPSG would then consider appropriate action, as described above in (2b).

Where GreenPower Providers have excess purchases pertaining to New GreenPower generation which have not been allocated to their GreenPower Product for a defined Settlement Period, GreenPower Providers will be able to carry over a 5 per cent excess of New GreenPower purchases made in the 1-year Settlement Period only to the next Settlement Period for meeting New GreenPower generation demand.

Please note that any shortfall and carry-over generation used by GreenPower Providers will be publicly reported each year in annual audit reports.

3.8 Transfer and Surrender of Renewable Energy Certificates (RECs)

GreenPower Providers are required to surrender (or invalidate) 'eligible' RECs (see eligibility under Section 3.9) as created under either MRET, VRET or NRET for each MWh of generation classified as New GreenPower generation acquired by the GreenPower Provider and sold as part of a GreenPower Product within a Settlement Period.[2]

GreenPower Providers will not be required to surrender RECs for Existing GreenPower generation.

The transfer and surrender of RECs must be made each year within 12 weeks of the end of the Settlement Period, i.e. by 31 March. In addition, GreenPower Providers are required to surrender all RECs transferred to designated accounts up to and including the 2006 settlement period by 31 March 2008.

3.8.1 GreenPower Designated Accounts

In order to comply, GreenPower Providers are required to set up their own GreenPower Designated Account on the nominated REC Registry (or registries) – established to administer the MRET, VRET and NRET schemes - into which RECs for GreenPower compliance will be transferred and then surrendered. GreenPower Providers are not permitted to use these RECs to meet their obligations under MRET, VRET or NRET.

GreenPower Providers are also required to grant the Program Manager 'view' access to their GreenPower Designated Account/s to enable the Program Manager or the auditor to complete annual audit reports.

Details on set-up, granting 'view' access and operation of GreenPower Designated Accounts can be obtained from the Program Manager.

3.8.2 Special Concessions

Concession arrangements for compliance will apply in certain circumstances as outlined below and will be publicly reported in annual audit reports. Any approved concession arrangement will apply to all generation that is on sold from the facility, and will need to be reported by both the Generator and any GreenPower Provider purchasing from the facility as part of the annual audit process.

If a situation arises in which a GreenPower Provider believes that the NGPSG should waive the requirement to transfer RECs for any generation (or proportion of generation) acquired from a GreenPower Generator, which was sold as part of a GreenPower Product, that does not create RECs, the GreenPower Provider must apply in writing for a special concession. Consideration for special concession arrangements will be assessed and given by the Program Manager on a case-by-case basis.

Special concessions will only be granted on the basis that there is no opportunity for the 'concessioned' RECs be used to meet obligations under other schemes such as the MRET, VRET, NRET, the Greenhouse Gas Abatement Scheme or any other federal, state or territory Renewable Energy or emission trading schemes.

[2] This requirement only applies to the proportion of 'new' GreenPower required by the Program (see Section 3.4).

3.9 Eligibility of RECs

Only RECs created by a GreenPower Generator are eligible for transfer against the requirement arising as a result of the sale of New GreenPower generation. There is no requirement to transfer RECs from the same GreenPower Generators as are used in the GreenPower Product.

RECs created under MRET, VRET or NRET are eligible to be transferred as specified under Section 3.8. For the avoidance of doubt, all RECs created under VRET and NRET are classified as New GreenPower generation.

3.10 Shortfall in RECs

Any sales of New GreenPower generation for which a concession cannot be claimed and RECs are not transferred, cannot be validly claimed as GreenPower in accordance with Section 3.6. Where a shortfall for meeting supply with demand occurs as a result, the conditions outlined in Section 3.7 will apply.

For example, where a GreenPower Provider has 100GWh sales of New GreenPower generation over the Settlement Period, but transferred only 70GWh of RECs to the GreenPower Designated Account, that GreenPower Provider can only claim 70GWh New GreenPower generation acquisitions for that year (as long as those GreenPower purchases satisfy all other conditions to be valid).

The GreenPower Provider shall pay to such of its customers as subscribed to the Product in the relevant period pro rata a sum equivalent to the greater of:

a) the then prevailing market value; or

b) the value of the consideration received by the GreenPower Provider

in respect of any RECs which it failed to deposit into the Designated Account or any RECs which it dealt with, in breach of its obligations under the GreenPower Provider Agreement.

3.11 GreenPower Provider Purchase of GreenPower Products

Under the Accreditation Program all GreenPower Providers are required to purchase GreenPower at a level which entitles them to use the GreenPower Customer Logo. This level is defined in “The GreenPower Logo Usage Guidelines”. See Section 4.

This requirement applies to each Provider’s retail arm as a minimum. Electricity consumption levels for the retail arm will be worked out with, and agreed to by, the Program Manager.

3.12 Treatment of System Losses

GreenPower Providers can choose if they wish to specify to the GreenPower Customer and Program Manager whether transmission and/or distribution system losses attributable to a GreenPower Customer are supplied from GreenPower Generators. If system losses are included, generation supplying these losses must conform to all requirements above, including the requirements for New GreenPower Generation.

4. GreenPower Product Marketing Criteria

4.1 Introduction

GreenPower Providers that offer GreenPower Products provide GreenPower Customers with the choice to make a positive contribution to the environment, encourage the development and use of Renewable Energy technologies, and open new investment opportunities in the energy sector.

To realise this market potential and maintain GreenPower Customer confidence, GreenPower Customers must be provided with clear and concise information about their electricity products and services.

4.2 Compliance Review

GreenPower Providers must submit all GreenPower marketing materials currently in use to the Program Manager to verify compliance with the guidelines outlined in this code. The compliance review occurs biannually as part of the June quarterly report and the annual audit.

4.3 GreenPower Provider's Intellectual Property

The GreenPower Provider grants to the Program Manager without cost a non-exclusive licence to use any intellectual property relating to the advertising or marketing of the GreenPower Product for purposes covered by these Program Rules and the GreenPower Provider Agreement.

4.4 Provision of Information to Customers

Each GreenPower Provider wishing to use a GreenPower logo, or claim GreenPower accreditation for any of their electricity products agrees to:

1. Provide all GreenPower Customers, during customer subscription and agreement fulfilment period, with contract pricing and terms and condition written in clear, simple and easily understood terms; and

2. Make the following information available to new and potential GreenPower Customers at their request:

- Generator names and types for each GreenPower Product;
- Historical percentage of energy by type of generation for each GreenPower Product;
- Historical percentage of New GreenPower generation (by energy) for each GreenPower Product;
- The typical energy price range for each generation type.

4.5 Use of GreenPower Logo

The GreenPower logo has been developed to build recognition of the GreenPower brand. To strengthen the effect of these efforts, a common logo has been developed for use across Australia by GreenPower Providers, Customers and New GreenPower Generators.

GreenPower Providers

It is important that GreenPower Providers support the recognition of the GreenPower brand, the accreditation processes and overall enhancement of the GreenPower concept. Providers must refer to their product's accreditation in all advertising and marketing in connection with the GreenPower Product or the Program as per the GreenPower Provider Agreement. This includes all print, broadcast & online material including a hotlink from the Logo to the GreenPower website.

The GreenPower logo must be used in compliance with the conditions of use that are available in a document entitled "GreenPower Marketing Guidelines", available from the GreenPower website (http://www.greenpower.gov.au/greenpower-marketing-guidelines.aspx).

GreenPower Providers are required to submit all marketing material, including all print, broadcast & online material, to the Program Manager for approval prior to publication.

Customers

GreenPower Customers may be entitled to use the GreenPower logo if they have purchased or contracted to purchase sufficient levels of GreenPower as outlined in the GreenPower Logo Usage Guidelines 2006/2007. This document also describes how and where the logos can be used, and is available from the GreenPower website (http://www.greenpower.gov.au/greenpower-logo-usage-guidelines.aspx)

GreenPower Providers must promote the use of the GreenPower logo to all commercial GreenPower Customers purchasing or approached to purchase a GreenPower Product by providing them with information about their eligibility to use the GreenPower logo.

GreenPower Generators

Generator owners are entitled to use the GreenPower logo where more than half of the output of the generator is classified as New GreenPower generation. Additional requirements are contained in the GreenPower Logo Usage Guidelines 2006/2007. This document also describes how and where the logos

can be used, and is available from the GreenPower website (http://www.greenpower.gov.au/greenpower-logo-usage-guidelines.aspx).

GreenPower Events

The GreenPower logo is available for use where an event will be powered by 100 per cent GreenPower accredited energy. The GreenPower logo must only be used on marketing materials directly relating to the event and it must be clearly communicated that the event rather than the entire company responsible for the event is purchasing GreenPower. Additional requirements are contained in the GreenPower Logo Usage Guidelines 2006/2007. This document also describes how and where the logos can be used, and is available from the GreenPower website (http://www.greenpower.gov.au/greenpower-logo-usage-guidelines.aspx).

Example of GreenPower Logo

4.6 GreenPower Product Disclosure Label

The purpose of the GreenPower Product Disclosure label is to establish a mechanism to differentiate GreenPower products and communicate how environmentally friendly each option actually is. It provides full disclosure of the contents of GreenPower accredited products through the inclusion of discrete percentages of all product contents. This more detailed design will present consumers with a greater amount of information. The use of the GreenPower Product Disclosure Label is now compulsory for all marketing and collateral of GreenPower accredited products. The full requirements are contained in the GreenPower Logo Usage Guidelines 2006/2007. This document also describes how and where the logos can be used, and is available from the GreenPower website (http://www.greenpower.gov.au/greenpower-logo-usage-guidelines.aspx).

Example of GreenPower Product Disclosure Label

4.7 Treatment of Blends of 'Green' and Other Energy

Prior to entering into an agreement to provide energy to a customer, and in all marketing and advertising related to the composition of a GreenPower Product, the GreenPower Provider must provide clear information about the portions of GreenPower accredited electricity and non accredited electricity that will be provided (for each level of GreenPower on offer).

Only those GreenPower Products that contain 100 per cent GreenPower are able to be described as 100 per cent renewable. No 'blended' Product (i.e. a Product containing less than 100 per cent GreenPower) may be referred to as 100 per cent renewable.

Where GreenPower accredited products are less than 100 per cent, the description of the unaccredited portion (backfill) of the product is prohibited other than referring to the backfill as other grid electricity.

Only 100% GreenPower products will be able to be described as 100% renewable.

Only 100% GreenPower products can be described as carbon neutral, having zero greenhouse emissions or zero emissions.

If a customer is offered a 'block tariff', the GreenPower Provider must clearly communicate how the 'block' is structured (e.g. proportions of GreenPower approved energy and other components) and what the 'block' translates to in terms of approximate kWh of GreenPower purchased per day/month/quarter, emphasising that calculations are based on average consumer consumption levels rather than actual.

4.8 Misleading Conduct

GreenPower Providers must ensure that they do not undertake, in the opinion of the Program Manager, misleading advertising or conduct in relation to GreenPower. Of particular importance is misleading advertising relating to the composition of GreenPower Products. GreenPower Providers must not deliberately or inadvertently mislead GreenPower Customers as to what generation types are used in their GreenPower Products, or the proportion of GreenPower from different generation types, or to the function and operation of GreenPower Rights used in their GreenPower Products. GreenPower Providers must:

- Agree to use only factually based and objectively verifiable environmental marketing claims in all advertising relating to their GreenPower Products;
- Be sufficiently clear and prominent in all advertising and marketing materials and other correspondence to potential and actual GreenPower Customers to prevent deception, in particular in regard to the GreenPower Customer's level of GreenPower purchase and in regard to the balance of the supply;
- Not represent that GreenPower Customers are actually delivered 'green' electrons from specific generation facilities;
- Not overstate environmental attributes or benefits, expressly or implicitly; and
- Present comparative claims in a manner that makes the basis for comparison clear to avoid GreenPower Customer deception.

5. GreenPower Generator Eligibility Requirements

Each electricity generator used in a GreenPower Product must be approved as a GreenPower Generator by the Program Manager prior to their inclusion in a GreenPower Product. This section defines the eligibility criteria to which all generators must comply to gain and maintain approval from the Program Manager as a GreenPower Generator.

5.1 General Definition

To be eligible for GreenPower approval, an electricity generator must result in greenhouse gas emission reduction, result in Net Environmental Benefits, be based primarily on a Renewable Energy source, and meet the eligibility requirements below.

All projects are individually assessed and considered for approval against the above general definition and the eligibility criteria below, in addition to other more specific considerations outlined in Appendix A, including stakeholder consultation and acceptability for the project. Details on the application and approval process are given in Appendix B.

5.2 Eligibility Criteria

5.2.1 Minimum Renewable Energy Input

The electricity generator must be based primarily on a Renewable Energy resource. As such the proportion of eligible Renewable Energy input must exceed 50 per cent averaged over the Settlement Period. With the exception of minor contaminants, all renewable fuels used must be eligible under GreenPower.

5.2.2 Eligible Generation

Only the portion of the energy generated that is based on Renewable Energy resources (i.e. >50 per cent) is eligible for GreenPower approval. The annual generation of a generator shall be pro-rated on the proportion of renewable vs. non-Renewable Energy (i.e. fossil fuel) input, as detailed in the letter of approval.

5.2.3 Approval Conditions

A generator is only eligible for GreenPower approval as long as it complies with the approval conditions defined in the approval letter, and the eligibility requirements for GreenPower Generators in this Program Rules (as modified over time).

5.2.4 Changes to the GreenPower Generator

The generator owner must notify the Program Manager in writing of any changes made, or any intention to make changes to the operation of the GreenPower Generator e.g. change in fuel sources or upgrade in capacity. It is recommended that the proponents consult the Program Manager as early as possible to confirm acceptability of these changes under the Program (e.g. eligibility of fuel sources), for an upgrade of the project's approval status.

5.2.5 Specific Exclusions and Inclusions

Generators must comply with specific eligibility criteria detailed below in Section 5.3 and Section 5.4.

5.3 Specific Exclusions

The following fuels/technologies are not acceptable for the purposes of the definition of a GreenPower Generator.

1) Utilisation of any materials (including wastes, primary or secondary) derived from forests other than sustainably harvested plantation forests. Plantation-derived wastes must not be sourced from plantations that clear, or have cleared after 1990, existing old growth or native forests.
2) Generators that involve the incineration of industrial, commercial or municipal solid wastes.
3) Hydro-electric projects, which require new dam construction that results in large-scale flooding of ecosystems.
4) Hydro-electric projects, which involve major diversion of rivers and do not adequately allow for environmental flows.

5.4 Specific Inclusions

The following fuels are acceptable Renewable Energy sources for the purposes of the definition of a GreenPower Generator.

1) Wood waste from clearing specified noxious weeds; sustainably managed plantations; Municipal Green Waste.
2) Industrial, commercial and municipal solid wastes (excluding incineration). Where a fossil fuel component is mixed in with the waste stream and cannot be reasonably removed from the fuel mix, the fossil fuel component will be netted out on a pro-rated basis (according to calorific value of fossil fuel component).

5.5 Review Process for Accreditation

5.5.1 Special Approvals

In situations where generators do not fully meet the above criteria or assessment considerations in Appendix A, but where the generator owner or GreenPower Provider believes there is significant merit in the operation of the project or the utilisation of the fuels, the Program Manager may consider granting a special approval for the generator (subject to NGPSG endorsement). Consideration of approval will be subject to provision of project details, as well as evidence of relevant stakeholders consultation and acceptance of the project.

5.5.2 Changes to Accreditation Program

The NGPSG reserves the right to amend the operation and conditions of the National GreenPower Accreditation Program and these Program Rules. The Program Manager will notify the GreenPower Generator owner of any proposed amendments to the operation and conditions of the National GreenPower Accreditation Program and these Program Rules. Modifications will apply to all GreenPower Generators and GreenPower Products, where relevant. The GreenPower Generator owner will be given reasonable time to provide feedback in the review process prior to such amendments taking effect. Where such amendments require the GreenPower Generator owner to make alterations to the operation of the GreenPower

Generator, the GreenPower Generator owner will be given reasonable time to adapt to meet any amendments.

5.5.3 Breach of Generator Approval

If a GreenPower Generator is in breach of, or is anticipated to be in breach of, the above eligibility requirements, approval conditions specified by the Program Manager (or of any other related development or environmental legislation which may impact its GreenPower compliance), the GreenPower Generator owner must notify the Program Manager immediately. The approval status of the GreenPower Generator will be reviewed. The owner will have the opportunity to provide evidence and respond to any issues raised in the review process. The Program Manager, after agreement with the NGPSG, may suspend or withdraw the approval of a GreenPower Generator if the breach is considered to conflict with the National GreenPower Accreditation Program, including these Program Rules.

An appeal may be made to the Program Manager, who will subsequently advise and make a decision with the NGPSG.

If GreenPower approval is withdrawn, the generator must notify any GreenPower Providers with which it has GreenPower purchase arrangements, and cease its supply of GreenPower to these GreenPower Providers.

5.6 Generator Reports

Generator owners will need to provide reports of annual output for each GreenPower Generator during the Settlement Period, which may be verified as part of the annual audit process. These must be provided to the Program Manager or nominated representative within 3 months following the end of the Settlement Period (on or before 31 March).

Information should include the following:

- Name of power station;
- Generation capacity (MW);
- Fuel source(s);
- Metered data for total eligible GreenPower generation (net annual output), including information on metering point;
- Metered data for eligible New and Existing GreenPower generation proportions (and/or methodology for calculating the New/Existing proportions of output), where applicable;
- Volume of electricity generated (MWh);
- Period of time (dates) of electricity production;
- Details of initial purchase of GreenPower e.g. name of buyer;
- MRET status.

The Program Manager will accept reports prepared and supplied by the GreenPower Provider for GreenPower Generators where the GreenPower Generator owners have not reported directly to the Program Manager, as long as they have been signed off by the GreenPower Generator owner.

5.7 Selling GreenPower Generation

All generation sold and branded as 'GreenPower' to an end consumer must be sold as a GreenPower Product, which has been accredited under the National GreenPower Accreditation Program and subject to the Accreditation Criteria. This rule is applicable to GreenPower Generators, where the GreenPower Generator owner is selling electricity directly to a GreenPower Customer. GreenPower Generator owners will need to submit a product application for assessment and undergo the necessary compliance reporting procedures (see Section 2.1).

If a GreenPower Generator owner fails to comply with these standard procedures and sells 'GreenPower' to customers outside of the scope of an accredited GreenPower Product, it will be considered a breach of accreditation by the GreenPower Generator, and approval may be withdrawn.

6. GreenPower Provider Reporting

The public release of information about the operation of GreenPower Products helps to ensure the consumer confidence required to gain acceptance of GreenPower Products. Ongoing accreditation of GreenPower Products requires the GreenPower Provider to provide regular reports, parts of which the Program Manager will collate and publicly release. These reports also include information required to assess whether a GreenPower Product continues to meet the Accreditation Criteria.

The required reports are described below. GreenPower Providers can obtain report forms from the Program Manager or the Program Manager's independent auditor.

6.1 Quarterly Status Reports

Each quarterly status report provides a summary of each GreenPower Product including sales, purchases and GreenPower Customer numbers for the quarter. GreenPower purchases are broken down according to the type of Renewable Energy resource used, for both New and Existing GreenPower Generators.

GreenPower Providers must provide the reports to the Program Manager within 1 month of end of quarter, for quarters ending 31 March, 30 June, 30 September and 31 December, each year. The report format will be provided by the Program Manager at least 2 weeks prior to end of quarter.

The quarterly status report should include the following information, in the format requested by the Program Manager.

Information intended for public release by the Program Manager:

- Total GreenPower purchased and allocated through the GreenPower Product, broken down between type of electricity generator used, for both Existing and New GreenPower Generators.
- A breakdown of total GreenPower sales made in the quarter, between residential GreenPower Customers and commercial GreenPower Customers, and according to each state in which GreenPower Customers are based (NOTE: Only total residential and commercial figures for the GreenPower Product will be released. Sales figures by state will be released as aggregated program totals only).
- GreenPower Customer numbers, broken down between residential and commercial GreenPower Customers, and according to the location of these GreenPower Customers signed onto the GreenPower Product (state-based) (NOTE: Only total residential and commercial numbers for the GreenPower Products will be released. GreenPower Customer numbers by state will be released as aggregated program totals only.).
- Details of each electricity generator used under the GreenPower Product.
- Name, location, owner and commissioning date.

Information for the quarterly reports, which will not be publicly released without prior consent:

- For all GreenPower purchased and allocated through the GreenPower Product, broken down between type of electricity generator used, for both Existing and New GreenPower Generators by GreenPower purchased (MWh);
  - Capacity (MW);
  - Annual energy production (MWh);
  - Power purchase arrangements (to indicate the amount of GreenPower purchased for the GreenPower Product only).

As part of a bi-annual compliance review, marketing materials are to be submitted by GreenPower Providers with their June quarterly report and as part of the December annual audit process.

6.2 Annual Audit Report

The annual technical report is to be provided to the Program Manager within 3 months of end of each Settlement Period (on or before 31 March). The Program Manager will provide the report formats and details of requirements at least one month prior to the end of the Settlement Period. These reports will be used in the annual audit.

Information as to which other parts of these reports remain confidential and which parts are required to be made public will be contained within the report pro-formas, which are available from the Program Manager.

Information should include the following (as required and in the format requested by the Program Manager):

- Technical reports and supporting documentation for the GreenPower Product. It is incumbent upon the GreenPower Provider to ensure that the information provided in the technical reports (in accordance with Section 3), and verification documentation for GreenPower purchases and REC concession arrangements, to be submitted to the Program Manager have been independently audited within this timeframe;
- Report providing details of the RECs transferred to GreenPower Designated Accounts and subsequently surrendered, and any concessions granted. The Program Manager will independently obtain records from all REC Registries of REC transfers into the Designated Accounts and

subsequent surrender for verification with GreenPower Provider reports. The total number of RECs held transferred and surrendered across all GreenPower Designated Accounts and the source of these RECs specified by GreenPower Generators, not GreenPower Providers, will be reported in the compliance audit report;

- All relevant marketing and consumer information materials as required, to check compliance in accordance with marketing Accreditation Criteria detailed in Section 4.
- Any additional information requested by the Program Manager's independent auditor which is required to ensure the GreenPower Product's compliance with the National GreenPower Accreditation Program;
- Generation reports to confirm actual generation output for each GreenPower Generator, if necessary. Where GreenPower Generator owners do not report directly to the Program Manager or nominated representative, the Program Manager will accept reports submitted by the GreenPower Provider, as long as they have been signed off by the GreenPower Generator owner. Details of the number of MWh's sourced from each specific GreenPower Generator in a GreenPower Provider's portfolio allocated to that GreenPower Provider's GreenPower sales in the period will be reported in the compliance audit report.

Any breaches of the accreditation will be reported in the annual audit report.

Appendix A: Assessment Guidelines for GreenPower Generators

1. General Considerations

1.1 Consumer Perceptions

The National GreenPower Accreditation Program is a voluntary market-based program mechanism for stimulating investment in new Renewable Energy generation. It is wholly dependent on GreenPower Customers generally choosing to pay more for a GreenPower Product. As such, GreenPower Customers generally wish to see their contributions leading to overall environmental improvements, i.e. they may not approve of projects which, although they result in a reduction in greenhouse emissions, cause damage to the environment in some other way.

As contribution to GreenPower Products is entirely voluntary, customer perceptions of what is acceptable must, by necessity, be given careful consideration alongside any 'objective' view of the environmental merit of a particular electricity generator. The views of the local community (particularly those impacted by the project), consumer and environmental advocacy groups should therefore be taken into account by the GreenPower Provider, and will be considered by the Program Manager in assessing approval of individual generators.

1.2 Environmental Issues

Individual electricity generation projects may have adverse environmental impacts that will outweigh the benefits and would therefore not be considered acceptable for inclusion within this program. Negative environmental and/or cultural impacts of each project should be minimised to maintain consumer satisfaction. GreenPower Providers and GreenPower Generator owners are responsible for ensuring that all generation projects meet any statutory environmental, planning, and licensing requirements, and relevant environmental guidelines.

The environmental criteria for generator eligibility are related to the generation process only, and not the sustainability of the host resource industry (with the exception of energy crops). Whilst the sustainability of the host resource industry is not assessed, the impact of the individual generation project on that host industry will be taken into account. In cases where issues are raised regarding the expansion of the host industry due to electricity generation from that project, the associated impacts in the context of ecologically sustainable development will be considered.

For example, whilst concerns may be raised over the long-term sustainability of some biomass resource industries, as long as the biomass is Sustainably harvested, results in greenhouse gas reduction, and demonstrates a Net Environmental Benefit, it may be eligible for use under the National GreenPower Accreditation Program.

All submissions seeking GreenPower approval for generators must include a full, independently prepared Statement of Environmental Effects, Environmental Impact Assessment (or similar), to the satisfaction of the Program Manager. Refer to the *GreenPower Generator Approval Application* in Appendix B and Table 1 Key ESD Considerations for further information.

GreenPower approved projects must also be consistent with other federal and state government sustainability and environmental objectives, including but not limited to:

- The National Strategy for Ecologically Sustainable Development
- State and Local Government waste management policies
- National Waste Minimisation and Recycling Strategy
- Water management objectives and use of tertiary treated waste water
- Management of soil contamination issues.

1.3 Public Consultation

The Accreditation Criteria reflect the current environmental data, consumer and expert opinions of what constitutes 'green environmentally friendly' and 'sustainable energy' generation. Over time it is possible that a changing environment or technology will mean that the accreditation guidelines will change. All stakeholders will be consulted accordingly of any proposed amendments to the operation and conditions of the National GreenPower Accreditation Program and the Program Rules, and be given reasonable time to provide feedback in the review process prior to such amendments taking effect.

For generator assessments specifically, the Program Manager may undertake an informal stakeholder consultation process for all applications. All written comments obtained through this process will be considered.

A formal public consultation process may be undertaken where the NGPSG deems necessary e.g. in situations where a generation project is potentially contentious; there are issues of public concern, or there is disagreement regarding its acceptability under the program. This will be coordinated by the Program Manager, prior to a formal assessment of a generator for GreenPower approval.

Upon confirming that the proponent has provided all necessary information, the Program Manager will:

- Prepare a document for use in a public consultation process, outlining all relevant details relating to the program requirements, generation project and other information the Program Manager considers relevant;
- Invite public submissions relating to the application for GreenPower approval via notices in broad readership national and state newspapers and other publications, wherever relevant. The Program Manager will provide at least one month for receipt of submissions. Advertising costs will be passed on to the proponent, as agreed. All submissions will be considered as part of the assessment of the project. Only written submissions will be considered.

Generator owners or project applicants will be given an opportunity to respond to comments received in stakeholder submissions.

2. Acceptability of Generation

Eligibility criteria for generator approval are outlined in Section 5. The following section provides a guide as to the acceptability of generation projects. Clearly, these views are general and cannot take account of particular local factors that may concern potential participants. In addition to this information, the following will be taken into account in the assessment process:

1. Consumer perception of the generation process;
2. The overall impact of the generation process on greenhouse emissions;
3. Whether the process is based primarily on Renewable Energy sources;
4. The nature of the environmental impacts associated with the construction and operation of the generation facility, including the extent, intensity and duration of those impacts;
5. The level of mitigation, either planned or in place;
6. Details relating to planning approvals and environmental management procedures related to the generation process;
7. Other matters as deemed relevant by the Program Manager including the specific considerations detailed below.

If generator developers or GreenPower Providers require clarification, they can seek pre-approval of the Program Manager for individual projects (see Section 2.3.3). GreenPower Providers should avoid projects that are likely to be contentious in any way.

These guidelines will change as the program evolves and as perceptions change over time, and will be made available in the accreditation document from the Program Manager.

2.1 Types of Generation – Specific Considerations

The following types of Renewable Energy generation are generally acceptable under GreenPower.

- Solar Photovoltaic and Solar Thermal Electric Systems
- Wind Turbines and Wind Farms
- Hydro-Electric Power Stations
- Biomass-Fuelled Power Stations
- Geothermal Power Stations
- Wave and Tidal Power Stations

Specific considerations are discussed below.

Cofiring with fossil fuels

Cofiring biomass resources with fossil fuels in generators can be classified as green electricity generation for the Renewable Energy component. It should be noted that, under the definition used in the National GreenPower Accreditation Program, generators must be primarily based on Renewable Energy resources and therefore the cofiring level would by necessity be greater than 50 per cent. Each Renewable Energy component must be eligible according to GreenPower requirements. Where there are two plants feeding into one system, then the renewable component can be prorated.

Landfill Gas Generation

Methane emissions result from the decomposition of putrescible and green waste (both biomass resources) in landfill sites. The use of methane emissions from landfill sites to generate electricity has considerable greenhouse benefits. However, the disposal of general municipal waste in landfill sites requires large quantities of land that will remain contaminated by undecomposed matter.

It is not the intention of the National GreenPower Accreditation Program to promote the development of new landfill sites, at the expense of waste minimisation. However, landfill gas generation projects are considered generally suitable for inclusion in the National GreenPower Accreditation Program. Any measures undertaken to reduce their environmental impact (such as best practice NO_x control) would assist the Program Manager in approving their use under the National GreenPower Accreditation Program.

Industrial/Commercial/Municipal Solid Wastes – Incineration

There is wide scale public concern about the operation of incinerators for solid wastes. Such generators are therefore unsuitable for inclusion in GreenPower Products. 'Green' waste incineration, where plant matter is separated from other wastes, is covered in the paragraphs below on "Wood Wastes".

Industrial/Commercial/Municipal Solid Wastes – Direct Gasification/Pyrolysis

There is significant benefit in the Gasification or Pyrolysis of mixed solid wastes that would otherwise be diverted to landfill. Aside from recovery of energy, destruction of these wastes significantly reduces the volume of waste going to landfill (approx. 95 per cent reduction), and in addition removes many problems associated with leachates and gas and odour emissions. The use of materials recovery technology also assists in reclaiming recyclable material that is mixed in with the waste stream, and would otherwise end up in landfill.

Generation plants based on these technologies are generally eligible for inclusion in GreenPower Products if the process has been approved under all relevant environmental legislation and demonstrate compliance with relevant emissions standards. Generator owners are responsible for applying the principles of the Waste Management Hierarchy, such that wherever possible, all materials able to be recycled, re-used or processed, are extracted from the waste stream. Where it is demonstrated that a fossil fuel component is mixed in with the waste stream and cannot be reasonably removed from the fuel mix, the fossil fuel component will be netted out on a pro-rated basis (according to calorific value of fossil fuel component).

Wood Wastes

Utilisation of any materials (including wastes, primary or secondary) from high conservation value forests, such as old growth forests, other native forests, and ecologically sensitive sites (for example, areas of remnant native vegetation) are not acceptable under the National GreenPower Accreditation Program.

Utilisation of waste derived from sustainably harvested plantation forests – where there are insufficient market opportunities for reuse or reprocessing of this waste – is generally acceptable under the National GreenPower Accreditation Program. These wastes must not be sourced from plantations that clear, or have cleared after 1990, existing old growth or native forests. Plantations that allow for and specify wildlife

corridors and set aside areas of native forest are preferable. Demonstration of best-practice saw-milling technologies and the like would assist in the approval of generators based on forestry resources. Wood waste from clearing specified noxious weeds, where clearing activities are managed properly (e.g. to control seed spread), are acceptable, as long as commercial aims do not override the environmental management priority of weed control or elimination.

Municipal Green Waste, and wood wastes from suburban development, building and construction projects, where there are insufficient market opportunities for reuse and reprocessing, are acceptable fuel sources (as long as they are not sourced from high conservation value forests, such as old growth and other native forests, and ecologically sensitive sites). Generator owners are responsible for demonstrating that all areas from which fuels are sourced have been assessed and approved, according to any relevant statutory environmental, planning, and licensing requirements. Manufactured wood products and by-products (e.g. packing cases, furniture, crates, pallets, recycled timber) destined for disposal that are not contaminated and have not been chemically treated (e.g. toxic glues, solvents, finishes etc.), are also likely to be acceptable.

For projects using wood wastes (including Municipal Green Waste), **all** wood waste sources must meet the above eligibility requirements for the project to be granted GreenPower approval. Verification conditions for approval are given below.

It is the generator owner's responsibility to implement appropriate quality control systems and procedures (including auditing) to ensure all reasonable effort is made to keep contamination with ineligible wood sources to a minimum.

Where there is a degree of contamination of the wood source with ineligible wood sources, then the proportion of wood source not acceptable under these guidelines would be netted out from GreenPower on a fuel input basis.

Contamination in this case is defined as traces of unacceptable wood sources which have entered into the fuel stream for a project against all reasonable endeavours of the generator owner, and which cannot reasonably be removed.

If this is the case, the generator owner must demonstrate to the Program Manager that the ineligible wood source component due to contamination cannot be satisfactorily extracted from the fuel mix, and provide verification on the amount of generation attributable to the contamination component.

Verification conditions for approval

The Program Manager must approve any sources of wood products prior to their inclusion in a generation project based on detailed information (fuel type and origin of supply) provided by the generator owner.

Further to this, it is the generator owner's responsibility to provide verification that the wood materials supplied on an on-going basis comply with the eligibility requirements. Generator owners will be required to: -

- Provide evidence for implementing and maintaining a rigorous tracking system (e.g. detailed inventory, delivery records) to monitor all received wood sources, in terms of both source type, waste composition (by mass and energy/calorific value) and origins of supply;

- Make these records available for spot auditing by the Program Manager or other appointed independent third party, at any point in time. The generator owner must also make the site available for random on-site spot checks, which may be undertaken by the Program Manager or other appointed independent third party.

- Provide these records on a quarterly and annual basis to the purchasing GreenPower Provider and Program Manager. The Program Manager may require that these records be independently audited;

- Notify the Program Manager and request approval of any new sources in the future prior to their utilisation.

Failure to meet approval conditions and compliance requirements outlined above and, more specifically in the official letter of approval, will lead to revocation of GreenPower approval for the generator.

Refer to Table 1, Key ESD Considerations, for further information on other issues to consider and address towards receiving GreenPower approval for projects.

Agricultural and Other Biomass Wastes

Waste materials from sugar cane, winery and cotton industries, amongst others, as well as methane captured from sewerage treatment works or large scale organic composting offer considerable potential for electricity generation. Generation projects based on these resources will be assessed on a case-by-case basis.

Energy Crops

There are a wide variety of crops which could be grown specifically for energy generation purposes ("energy crops"), including crops such as timber, vegetable oils, fibre crops or complex sugars. Many of these crops have benefits in addition to the production of Renewable Energy, such as the production of timber and oils, provision of habitat corridors, alleviation of salination problems etc; and projects that have multi-use purpose may be more likely to be accepted by the community. The acceptability of various energy crops will depend upon the agricultural and harvesting practices used, and whether these are considered sustainable. Energy crops sourced from crop activities that clear, or have cleared after 1990, existing old growth or native forests, will not be accepted.

Hydro-Electric

The environmental impact and perceptions of consumers towards hydro-electric generators varies depending upon the size of the system, its location, the conservation and community value of the impacted area and the hydrology management.

Consumers may be critical of hydro-electric projects which: -

- Result in the large scale flooding of ecosystems;
- Reduce conservation values, particularly in highly sensitive areas;
- Involve major diversions of rivers;
- Provide inadequate environmental flows;
- Involve the construction of major new dams and roads in sensitive areas.

Consumers are more likely to accept projects that: -

- Have had broad stakeholder consultation and acceptance;
- Have adequate environmental flows;
- Are retrofitted dams that have been built for other purposes.

Hydro-electric projects which require new dam construction resulting in the flooding of ecosystems can have considerable impact on the environment. As a result consumer perceptions are likely to be critical and as such, projects of this nature will not be accepted for inclusion in GreenPower Products.

In addition, hydro-electric projects which divert water from rivers, or from one river to another, and do not adequately allow for environmental flows, can severely alter eco-systems associated with the river. Such projects are not accepted for inclusion in GreenPower Products.

Hydro-electric projects which involve the installation of generation facilities alongside dams which have already been built for other purposes are likely to be acceptable. In this case the production of electricity has not led directly to construction of the dam. The precise environmental impacts of any proposal need to be examined to ensure that these are minimised.

In situations where hydro-electric generators are used in pumped storage mode, only the net export of the system can be classified as 'green' electricity generation.

Wind Power and Windfarms

Wind turbines and windfarms have the ability to impact the local environment, particularly in relation to visual amenity, noise and bird-strike. Sufficient consultation with local stakeholders and efforts to minimise the impact on local amenity should be undertaken to ensure their acceptability under the National GreenPower Accreditation Program.

Solar Thermal Electric

Solar thermal electric generation plants may use a non renewable fuel such as natural gas to support the generator when sufficient solar energy is not available. In such cases, only that contribution which can be directly attributed to the Renewable Energy component would be considered to be 'green' (at a level greater than 50 per cent as per the definition of a GreenPower Generator).

Coal Mine Waste Gas and Coal Seam Methane

Coal mine waste gas generation based on vent or drainage gas from mines, where the methane must be drained for safety reasons, has the capacity to reduce greenhouse gas emissions substantially. However, coal mine waste gas is a fossil fuel, and therefore does not pass the test of being renewable. Non-waste coal seam methane is a fossil fuel equivalent to natural gas.

Coal mine waste gas and coal seam methane generation therefore cannot be considered as a Renewable Energy source under the definition of the National GreenPower Accreditation Program.

Embedded Generators (including Rooftop Photovoltaic Systems)

A number of electricity consumers, particularly at the domestic level, have recently installed small grid-connected Renewable Energy systems (such as rooftop PV systems) for their own use. In general, generation from such a system is acceptable for GreenPower, provided the conditions summarised below are satisfied.

Conditions

- GreenPower Providers can claim the output of embedded generator for GreenPower, as long as the GreenPower Provider can provide verification of their ownership of the GreenPower Rights associated with the claimed amount of generation.
- For cases where the GreenPower Provider does not actually own or partly own the system, the GreenPower Provider must demonstrate that the GreenPower was purchased from the owner at an appropriate cost-reflective tariff. The GreenPower Provider will also need to advise the owner that the system's generation will be sold under GreenPower and that the GreenPower Provider will be receiving a premium for it. Electricity GreenPower Providers will be required to demonstrate that the GreenPower Customer understands this.
- Where a GreenPower Provider claims the output of a system as GreenPower, GreenPower Providers cannot sell the output as GreenPower and also claim that it is being provided to the host as solar power or GreenPower electricity.
- Each system must be registerd under MRET, VRET or NRET.
- For all systems used for GreenPower, the electricity GreenPower Provider must be able to verify the amount of electricity generated from the system or exported to the grid to which the GreenPower Rights are associated. For small-scale systems (under 10 kW) the GreenPower Provider may be able to claim all (or a proportion) of the deemed output according to the default generation values set out in the Federal Renewable Energy (Electricity) Regulations 2001 (Schedule 5) and any subsequent modifications.

Deemed amounts for small generators may be created each year, or in 5 year blocks. Deemed amounts are to be reported in full in the Settlement Period in which they are created. There will be no carry over to the next period of deemed amounts except where it has been authorised under flexibility mechanisms outlined in Section 3.7.

Approval

The Program Manager will accept bulk submissions for embedded generators, such as rooftop PV systems, within one generator application, as long as the relevant details for each individual system are provided.

Geothermal, Wave and Tidal Power Stations

Geothermal, wave and tidal technologies are relatively new to the Australian Renewable Energy market, and have only reached demonstration phase to date. Applications for approval for these types of projects will be

accepted under the National GreenPower Accreditation Program. Generation projects based on these resources will be assessed on a case-by-case basis, and general project, community and environmental eligibility criteria will apply.

Specific guidelines for these types of projects will be developed over time in consultation with stakeholders.

Appendix B: GreenPower Generator Approval Application

All generators used in a GreenPower Product must be GreenPower Generators, as defined in Section 2.3. GreenPower Providers must ensure that all generators to be used in their Product have been given written GreenPower approval, prior to the inclusion of these generators in the GreenPower Product. Either GreenPower Providers or generator owners can request approval. Application details are provided below.

As previously mentioned, the two types of GreenPower Generators are:

- **New** GreenPower Generator: defined as an electricity generator or increase in generator capacity[3], which was commissioned or first sold energy (whichever is earlier) after the launch of the relevant GreenPower Product or after 1 January 1997 (whichever is earlier) and that is accredited under the National GreenPower Accreditation Program.

- **Existing** GreenPower Generator: defined as an electricity generator or increase in generator capacity which was commissioned or first sold energy (whichever is earlier) prior to 1 January 1997 and that is accredited under the National GreenPower Accreditation Program.

1. Process of Application

The application and assessment process for gaining approval for a GreenPower Generator involves the following steps:

1. The generator owner or GreenPower Provider submits the GreenPower Generator Application form and any supplementary documentation to the Program Manager, allowing at least two weeks for initial assessment.

2. Where the application does not meet the requirements and guidelines in the National GreenPower Program Rules, or where insufficient details are provided, the applicant is advised accordingly. Where required by the NGPSG, a formal public consultation process will be undertaken and coordinated by the Program Manager prior to the assessment of the project for approval (see Appendix A for details). The NGPSG will accept written submissions within a specified time-frame for each round.

3. In cases where a formal consultation process is not required, the Program Manager may undertake an ad-hoc informal consultation process with stakeholders.

4. The Program Manager assesses application for approval, having regard to the fundamental objectives of the National GreenPower Accreditation Program, the generator eligibility criteria and where applicable, submissions received in the formal and informal consultation processes. Proponents will be given the opportunity to respond to issues raised.

5. If the application meets all guidelines, the Program Manager advises the applicant of this by way of an official letter of approval for the generator, and invoices the applicant for the associated fee (see Section 3 of this Appendix). The date of accreditation for a generator will be the date of approval by the Program Manager. Subject to receiving approval the GreenPower Generator can be used in an accredited GreenPower Product and the generator owner confirming in writing acceptance of the terms of accreditation.

2. Required Information

The following information must be submitted such that the Program Manager can assess and approve a generator, prior to its inclusion in a GreenPower Provider's GreenPower Product: -

- Name, location (include postcode), owner of station, key contact (name and contact details), connection point;

[3] Where it involves an increase in generator capacity (e.g. upgrades), new generation is measured as that generation which occurs over and above the existing installed capacity as a result of significant capital investment.

- Commissioning date, date of first operation of each unit (where available) and date of first sale of electricity; *
- Electrical capacity of each unit (MW); *
- Expected annual energy production of station (MWh);
- Detailed description of site, including maps, schematics where available, in particular showing any water diversions for hydro projects;
- Description of operation of the generator, to clarify whether the operation may impose any environmental impacts that need consideration;
- Description of fuel sourcing, particularly for projects using biomass fuels;
- Details of any proportion of non-eligible fuel components (e.g. fossil fuels) that would need to be netted out, outlining how the Renewable Energy component would be quantified; *
- Details of auxiliary loads[4]
- Details of community and stakeholder consultation relating to the project; and,
- Statement of Environmental Effects (see below);
- MRET, VRET or NRET accreditation details (if applicable);
- Confidentiality of information**;
- Other details required by the Program Manager

* *Please note that applicants are welcome to submit a copy of the ORER Application for Accreditation with the additional details marked with *, or evidence that the ORER has deemed it ineligible for MRET Accreditation.*

** *Please note that where generators are approved and used in a GreenPower Product, certain details provided above are released publicly under GreenPower reporting requirements (e.g. description of generator, name, location, owner and commissioning date).*

Submissions may be forwarded to the Program Manager via fax, email or post.

It is important that all information provided in an application is correct and not misleading. The Program Manager is within its rights to withdraw approval of any generators, which are subsequently found to have environmental concerns that were not advised at the time of application. Proponents who disagree with a decision of the Program Manager may appeal against the decision to the NGPSG. A decision of the NGPSG is final and cannot be contested.

3. Statement of Environmental Effects or Environmental Impact Statement

A full, independent Statement of Environmental Effects, Environmental Impact Statement (or similar) should address key environmental issues including potential impacts of the project and proposed mitigation, and how the project fits in with the principles of Ecological Sustainable Development[5] (ESD). In summary, these principles would include: -

(a) **The precautionary principle** namely, that if there are threats of serious or irreversible environmental damage, lack of full scientific certainty should not be used as a reason for postponing measures to prevent environmental degradation.

(b) **Inter-generational equity** namely, that the present generation should ensure that the health, diversity and productivity of the environment are maintained or enhanced for the benefit of future generations.

(c) **Conservation of biological diversity and ecological integrity** namely, that conservation of biological diversity and ecological integrity should be a fundamental consideration.

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[4] Auxiliary loads and electric parasitics associated with the process of electricity generation are netted out of the total output for determining eligible 'green' generation, unless they are considered to be insignificant (i.e. less than 1 per cent). The generator owners will need to provide verification of the magnitude of these losses.

[5] Refer to the Commonwealth Environment Protection and Biodiversity Conservation Act, 1999.

(d) **Improved valuation, pricing and incentive mechanisms** namely, those environmental factors should be included in the valuation of assets and services.

Key environmental considerations for a generator can be broadly categorised into the following:

- Global warming
- Impact on natural and cultural heritage
- Land use
- Transport use and impacts
- Project impact on the host industry
- Impact on flora and fauna
- Water, soil and air quality
- Visual & noise impacts
- Use and disposal of waste or by-products

Potential impacts can differ for each generation project type and are often site-specific. Issues to consider are detailed below in Table 1 and while not comprehensive, provide a guide to address the key environmental and community concerns for each generation type.

Applicants will need to provide evidence of community and local stakeholder consultation and support for each project (e.g. local residents, interest groups, environmental advocacy groups).

Where possible, supporting documentation (e.g. development approvals) should also be submitted with the application.

Where an Environmental Impact Statement or Environmental Impact Assessment has been undertaken for the project as required by relevant planning legislation, the Program Manager will accept a copy as appropriate documentation, provided they contain all required details.

Table 1 – Key ESD Considerations

Generator Type	Key ESD Considerations
SOLAR Solar Farm	Potential land-use impacts – interference with cultural heritage, archaeological sites, recreational use. Biodiversity impacts – vegetation clearance, loss of wildlife habitat. Visual impacts. Plans for decommissioning stage e.g. rehabilitation of site to its original state, disposal/reuse of materials.
WIND FARM	Noise, and visual amenity – assessment of impacts and minimisation efforts for local residents (e.g. proximity to domestic dwellings). Potential land-use impacts – interference with cultural heritage and archaeological sites, high conservation value area, recreational use. Biodiversity impacts – vegetation clearance, loss of wildlife habitat, interference with bird migratory routes. Eco-tourism considerations – increased traffic issues, road access, visitor facilities and parking etc. Plans for decommissioning stage – rehabilitation of site to its original state, disposal/reuse of turbines and blades.
HYDRO	Locational considerations including cultural, wilderness, scientific, recreational and conservation values. Construction impacts e.g. noise and dust, downstream nutrient and sediment effects, barriers to fish migration, disturbance to breeding habitat for birds and fish. Biodiversity impacts – changes to terrestrial/riverine habitats, soil erosion, effects on migratory fish species, reductions in in-stream fisheries (fish barrier). Changes to water quality and groundwater recharge e.g. nutrient concentration levels, O_2 concentrations, temperature, and pH. Transmission lines and road access considerations e.g. visual intrusion, habitat fragmentation, and disturbance of historical sites, land-use changes. Consideration of mitigation measures or offset, restorative and compensatory opportunities to address potential adverse affects outlined above (contamination and

Generator Type	Key ESD Considerations
	physical, ecological etc.) Management measures for adequate environmental flows. Impact of variations in downstream water flows. Plans for decommissioning stage e.g. rehabilitation of site to its original state, disposal/reuse of materials. Approved water management plan for the sustainable management of the hydro catchment (where applicable).
BIOMASS General *These issues should be considered for all types of biomass (below).* Biomass (cont.)	Compliance of generator with relevant 'best-practice' environmental pollution requirements (i.e. noise, air emissions) e.g. EPA requirements. Air quality impacts/improvements – assessment of air emissions levels (e.g. NOx, SOx, dioxins, particulates, ash). Water quality impacts – surface and groundwater pollution. On-going monitoring and treatment/control measures proposed. Use or disposal of by-products (e.g. ash recycling, landfilling). Diversion of material from other disposal mechanisms e.g. pit-burning, landfill. Noise, visual amenity, odour and health impacts during construction and operational stages. Effect on existing industries or activities (e.g. will the project support marginal activity or encourage expansion?). Transmission lines and road access considerations e.g. visual intrusion, habitat fragmentation, and disturbance of historical sites, land-use changes. Consideration of production of biomass in a landscape context, with farm management practices linked to regional targets for sustainable environmental and natural resource management. Fuel transport - energy used and distance travelled to site. Plans for decommissioning stage e.g. rehabilitation of site to its original state, disposal/reuse of materials. Appropriate and transparent community consultation process from siting stage throughout project development.
Landfill Gas	On-going monitoring and treatment/control measures proposed e.g. cleaning of landfill gas prior to burning, scrubbers, and catalytic converters. Land-use impacts – potential interference of gas extraction with landfill site rehabilitation and intended use.
Municipal Solid and Green Wastes	Application of the Waste Management Hierarchy Diversion from existing use and consideration of alternative uses, avoidance/reuse/reprocess mechanisms (e.g. composting, horticultural) Diversion from other disposal mechanisms e.g. pit-burning, landfill Quantity of non-renewable materials converted to energy (e.g. plastics).
Wood Wastes	Compliance of fuel source with GreenPower wood waste requirements and guidelines, and ability to meet verification conditions (Appendix A). Diversion from existing use and consideration of alternative uses, avoidance/reuse/reprocess mechanisms (e.g. composting, horticultural) Influences of generation project on future operational viability of agricultural site (i.e. host industry).
Agricultural Wastes	Influences of generation project on future operational viability of agricultural site (i.e. host industry). Diversion from existing residue utilisation (e.g. field retention, composting, stockfeed, animal bedding). Impact of storage.
Wet Wastes	Use or disposal of post-digested waste (e.g. fertiliser).

Generator Type	Key ESD Considerations
	Impact of transport and storage of pre- or post-digested wastes (e.g. odour). Avoidance of toxic and noxious emissions.
Energy Crops	Sustainability of agricultural practices (e.g. use of fertiliser, irrigation, herbicides, pesticides). Biodiversity impacts - vegetation clearance, loss of wildlife habitat. Salination and nutrient cycling considerations. Additional uses and benefits of product produced.

The Program Manager will provide examples of the above criteria upon request.

4. Generator Fees

As from 1 January 2003 a generator assessment fee applies to all GreenPower accreditation applications for projects greater than 1MW. An annual accreditation fee was applied to all New GreenPower Generators (>1MW) from 1 January 2004.

The fee structure is detailed in the following table.

Type	Description	Fee
Generator Assessment Fees		
Small Projects	Small scale projects, less than 1MW. For example, domestic solar installations and Solar in Schools projects.	No charge
Pre–approval Assessment of projects (or upgrades)	The generator is seeking board approval (either own or GreenPower Provider) for a development or upgrade and GreenPower pre-approval will add weight to the proposal; A submission has been received prior to development permits being granted, or to community consultation having been undertaken. In these situations, a pre-approval may be granted.	$500 (non-refundable)
Projects (or upgrades) greater than 1MW	Full GreenPower approval process, including stakeholder consultation.	$1000* *$500 if pre-approved (i.e. Total: $1000)
Annual Accreditation Fees for New GreenPower Generators (applicable from 1 January 2007)		
Applicable only to projects greater than 1 MW	Maintain accreditation and benefits thereof, including use of GreenPower Generator Logo; administration of ongoing generator concerns/appeals etc	$1000 per year

Generator Assessment Fees are applied to both successful and unsuccessful applications. All applicants will be invoiced the associated fee on completion of the assessment process.

A maximum of $4000 per annum is charged to owners of multiple GreenPower Generators as an annual accreditation fee

The annual accreditation fee must be settled by the GreenPower Generator owner on an annual basis.

The Program Manager reserves the right to change Annual Accreditation and Generator Assessment Fees without notice.

Appendix C: Definition of Terms

Accreditation Criteria	The criteria for GreenPower Products as detailed in Section 3, 4 and 5 of this document.
Program Rules	This document and its appendices as may be amended from time to time.
GreenPower Customer	A domestic or commercial entity for which the GreenPower Provider has established a contract for the provision of a GreenPower Product. In the event that several contracts have been established for a single agency or commercial entity (e.g. for separate retail outlets or government agency departments) then each contract should be considered a separate customer.
Existing GreenPower generation	Electricity generated by an Existing GreenPower Generator.
Existing GreenPower Generator	An electricity generator or increase in generator capacity which was commissioned or first sold energy (whichever earlier) prior to 1 January 1997 and that has been accredited under the National GreenPower Accreditation Program.
Force Majeure	In relation to a party, means any cause outside the affected party's control including, but not limited to, an act of God, fire, lightning, explosion, flood, subsistence, insurrection or civil disorder, war or military operation, sabotage, vandalism, embargo, government action, or compliance in good faith with any law, regulation or direction by any Federal, State or Local Government or authorities, any network failure, or any failure on the part of the Network Operator or a generator, industrial disputes of any kind.
Gasification	The efficient conversion of solid fuel to gaseous fuel. The gas made can produce heat and electricity using gas engine generators.
GreenPower Designated Account	A separate 'account' created by a GreenPower Provider on the various REC Registry websites for the purpose of surrendering RECs which have been transferred into this account for compliance with the Accreditation Criteria.
GreenPower Generator	For the purposes of this Program, a GreenPower Generator is defined as an electricity generator approved by the Program Manager that results in greenhouse gas emission reduction and Net environmental benefits, and is based primarily on a Renewable Energy resource.
GreenPower Generator Eligibility Requirements	The requirements to which generators must comply in order to gain and maintain GreenPower Generator approval, as detailed in Section 5 and Appendix A and B of this document.
GreenPower Product	Any product or service that enables customers to voluntarily contribute financially to Renewable Energy generation from GreenPower Generators, and has been accredited under the National GreenPower Accreditation Program.
GreenPower Provider	Any person or organisation that operates a GreenPower Product.
GreenPower Right	A right to claim any eligible GreenPower generation (or a portion of generation) from a GreenPower Generator that may be bought by or transferred to a GreenPower Provider for use in respect of a GreenPower Product.
Incineration	The burning of solid or liquid residues or wastes to produce heat and electricity using steam turbine generators.
Industrial/Commercial/Municipal Solid Wastes	Mixed waste stream sourced from domestic garbage collections and council operations (e.g. sweeping and litter bins), commercial and industrial collections, which can include food waste, organic matter, plastics, paper and other materials.
Mandatory Renewable Energy Target (MRET)	A federal target for the additional uptake of Renewable Energy established under the Renewable Energy (Electricity) Act 2000. The Commonwealth Government now requires all electricity GreenPower Providers (and wholesale purchases) to source an additional 9500 gigawatt hours (GWh) of their product from Renewable Energy sources by the year 2010, based on their 1997 output.
Municipal Green Waste	Trimmings, prunings and clippings from domestic and council vegetation management and gardening activities including grass, leaves, mulch, branches/twigs, tree boles, stumps and loppings.

National GreenPower Accreditation Program	The framework established for GreenPower Products, as described in this document.
Net Environmental Benefit	The environmental benefits associated with a project outweigh the adverse environmental impacts. Impacts are considered within an Ecologically Sustainable Development (ESD) framework and include: greenhouse gas reduction; water and air quality; land use; impact on flora and fauna; impact on cultural/natural heritage; visual and noise impacts; use and disposal of waste products; transport etc.
New GreenPower generation	Electricity generated by a New GreenPower Generator.
New GreenPower Generator	An electricity generator or increase in generator capacity which was commissioned or first sold energy (whichever is earlier) after the launch of the relevant GreenPower Product or after 1 January 1997 (whichever is earlier) and that has been accredited under the National GreenPower Accreditation Scheme.
New South Wales Renewable Energy Target (NRET)	A New South Wales Government target for the additional uptake of Renewable Energy to be established under the *Renewable Energy (New South Wales) Bill 2007*. The New South Wales Government will require an additional 1,317 GWh of new Renewable Energy by 2010 and 7,250 GWh by 2020.
Product Development Plan	GreenPower Providers will need to provide a Product Development Plan in any product application for GreenPower accreditation. This includes details of new New GreenPower Generators to be used in the proposed GreenPower Product, including description, type of unit, location, ownership details and capacity (where known). Where details of a specific generator have not yet been identified, the plan would include a general description of the development direction of the product.
Program Manager	The Program Manager nominated by the NGPSG, the contact details for whom are set out after the contents pages of these Program Rules.
Pyrolysis	The production of a carbon rich solid fuel and a hydrocarbon rich gas by heating a biomass feedstock in the absence of oxygen.
Renewable Energy	Energy which is naturally occurring and which is theoretically inexhaustible, such as energy from the sun or the wind, and which by definition excludes energy derived from fossil fuels or nuclear fuels. (*Source:* The Macquarie Concise Dictionary)
Renewable Energy Certificates (RECs)	RECs are created by electricity generators that have been accredited and registered for MRET, VRET or NRET (1 REC = 1 MWh).
Settlement Period	1 January through to 31 December each year unless otherwise agreed with the Program Manager.
Sustainably harvested	Harvesting operations undertaken in a manner as to maintain the area's ecological viability and productive capacity*, and minimise any adverse environmental impacts in accordance with the principles of ecologically sustainable development e.g. to prevent soil erosion and contamination, protect water resources, provide for biodiversity conservation and protect culturally significant sites and threatened species habitat. Operations are approved under, or comply with, relevant Commonwealth, State or Territory planning and assessment processes. *Where applicable i.e. for agriculture, plantation forests, energy crops.
Victorian Renewable Energy Target (VRET)	A Victorian Government target for the additional uptake of Renewable Energy established under the Victorian Renewable Energy Target Act 2006, retailers and wholesale purchasers of electricity will be required to contribute proportionately towards a Renewable Energy target of an additional 3,274 GWh of Renewable Energy by 2016.
Waste Management Hierarchy	A system of prioritising ecologically sustainable waste solutions, based on the maximum conservation of resources (listed in order of preference): 1. Cleaner production 2. Waste avoidance 3. Waste minimisation

4. Re-use or recycle

5. Waste to energy

6. Landfill

Appendix D: National GreenPower Steering Group Charter

The National GreenPower Accreditation Program in Australia is governed by a national body known as the National GreenPower Steering Group (NGPSG). The NGPSG is responsible for the overall management of the affairs of the Program.

Representatives

The NGPSG is comprised of representatives from participating state government agencies in the ACT, NSW, Queensland, South Australia, Victoria and Western Australia, in correspondence with non-financial member organisations in Tasmania, Northern Territory and the Commonwealth. Agencies include:

• Chief Minister's Department	ACT
• Department of Water and Energy	NSW
• Department of Mines and Energy	Queensland
• Department of Transport, Energy and Infrastructure	South Australia
• Sustainability Victoria	Victoria
• Office of Energy	Western Australia
• Department of Environment and Heritage	Commonwealth
• Department of Infrastructure, Energy and Resources	Tasmania
• Department of Business, Industry and Resource Development	Northern Territory

Mission

Delivering effective strategic management of the National GreenPower Accreditation Program through widespread collaboration with all relevant stakeholders on accreditation and policy issues to guarantee program integrity, consistency and credibility.

The Role of the NGPSG

- To facilitate the operation of the National GreenPower Accreditation Program in keeping with its aim to drive investment in the Renewable Energy industry in Australia;
- To ensure the rules of the program evolve and develop over time to maintain the program's relevance according to the changing market environment, consumer behaviour and industry conditions;
- Address and resolve strategic and policy issues as they arise;
- To ensure that the accreditation and verification of GreenPower Products and GreenPower Generators is handled in a credible, timely and effective manner;
- To determine and implement modifications to the GreenPower Logos;
- To determine the removal of accreditation of GreenPower Products;
- To resolve any disputes that arise through the appeal process;
- To agree the annual program budget and to review the appointment of the Program Manager at the end of each three year term; and
- To carry out any other such activities as are necessary for the successful operation of the National GreenPower Accreditation Program.

In each state, NGPSG participants are responsible for building relationships with local GreenPower Providers and other stakeholders, and providing support for any general policy and generator accreditation issues. Specifically, each participant agrees to:

- Help to undertake marketing activities;

- Liaise with stakeholders to identify and address local issues associated with particular generators, generator proposals, or GreenPower Products; and with the press on local issues;
- Advise the Program Manager of specific or potential local issues arising which may have an impact on the National GreenPower Accreditation Program; and
- Inform relevant local community and industry members via the GreenPower progress reports (quarterly and annual) and other related materials.

These agencies may also co-ordinate information and education activities within their jurisdiction to support the efforts of GreenPower Providers. Such campaigns may include advertising, joint promotional events, seminars or provision of information in hard copy or on-line.

The NGPSG encourages all stakeholders to participate in the growth and evolution of the National GreenPower Accreditation Program.

Role of the Program Manager - Accreditation

Day-to-day management of the Program rests with the Program Manager, currently the NSW Department of Water and Energy (DWE). In brief, DWE is responsible for:

- initial and ongoing accreditation of GreenPower Products and GreenPower Generators;
- reporting – quarterly and annual audits;
- provision of information to participating agencies, GreenPower Providers, GreenPower Generators, potential and actual GreenPower Customers and consumer groups;
- coordinating consultation and central contact point for stakeholders (i.e. environmental and consumer organisations, GreenPower Providers and GreenPower Generators) with regard to changes to the program or issues as they arise; and
- other projects and activities as they arise.

Role of the Program Manager - Marketing

- development of marketing guidelines;
- processing licence applications to use the GreenPower Customer logo;
- maintaining the national website at www.greenpower.gov.au; and
- other projects and activities as they arise.

Further information

The NGPSG meets at least twice a year, and new representatives may join as the National GreenPower Accreditation Program expands into new states or regions.

For contact details of the NGPSG, visit www.greenpower.gov.au.

Appendix 2: GreenPower Transition Arrangements

TRANSITION ARRANGEMENTS AGREED BY THE NATIONAL GREEN POWER ACCREDITATION STEERING GROUP

3.1 Min 10% residential blend

New residential Green Power Customers	→ 1st March 2006	Retailers offering residential blended products with less than 10% will be required to meet the rule change for new customers by this date
Existing residential Green Power Customers	→ 1st March 2007	Retailers with existing customers on blended products less than 10% will be required to transfer these customers to another Green Power product (min 10%) or give them the option to opt out by this date

3.2 Increase from 80% to 100% 'new' Green Power

New residential & business Green Power Customers	→ 1st July 2006	The rule change will be introduced for all new residential and business customers from this date
Existing residential & business Green Power Customers	→ 31st Dec 2008	Retailers will be required to introduce the rule change for all existing residential and business customers as their contracts expire but no later than this date

3.3 No rule change for the backfill of blended products

3.4 New REC Concession Arrangements → 1st January 2006

All Concession Arrangements will be removed with the exception of Special Concession Arrangements

Note: Retailers will be required to apply for Special Concessions by 31st December 2006 for the 2006 Green Power settlement period

3.5 No use of Solar Hot Water RECs → 1st January 2006

SHW RECs are not to be used to meet Green Power sales for the 2006 Green Power settlement period and beyond

Note: Retailers can use SHW RECs to meet Green Power sales for the 2005 settlement period.

3.6 Labelling Guidelines →

Labelling guidelines to be finalised by the NSG in consultation with stakeholders → **1st April 2006** → Retailers to implement labelling guidelines by this date → **1st July 2006**

3.7 No rule change to disclosure of generation source

12th December 2005

Green Power GOVERNMENT APPROVED