



#### ASX CODE (GPP)

ABN 22 000 002 111

#### ABOUT GREENPOWER

Greenpower Energy is a clean energy technology developer, and is currently progressing the development of 'zero carbon' processes for converting coal to transport fuels, which it can then apply to the company's own sizeable inferred resource of Victorian brown coal. Go to [greenpowerenergy.com.au](http://greenpowerenergy.com.au)

#### CAPITAL STRUCTURE

- Shares on issue	106,300k
- Unlisted options	0.5m
As at 31 Mar 2016:	
- Cash	0.7m
- Shares in listed co	0.4m
- Exploration assets	1.3m

#### CONTACT US

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## ASX RELEASE

**GREENPOWER ENERGY LIMITED (ABN 22 000 002 111)**

**QUARTERLY REPORT 31 MARCH 2016**

**MINING PRODUCTION REPORT LISTING RULE 5.1**

Greenpower Energy Limited (ASX: GPP) is not presently in production or development in any of its mining tenements.

**MINING EXPLORATION REPORT LISTING RULE 5.2**

**VICTORIAN AREAS [EL4500, EL4860, EL4877 and EL5227]**

**Latrobe Valley, Victoria, Resources**

EL4500, EL4877 and EL5227 cover lignite occurrences to the west of Moe Township. Previous exploration by other companies has shown substantial lignite tonnages in a discrete basin covered by EL4500 and EL4877 (western part). A small part of this basin is located within EL5210 a tenement owned by outside parties.

A second basin located to the west of this is covered entirely by EL5227.

**Coals to Liquids Projects, Latrobe Valley, Victoria**

**Thermaquatica 'OHD' Coal to Liquid Technology**

In March 2013 the Company had signed a Memorandum of Understanding (MOU) with US-Thermaquatica Inc., to jointly test and develop the Oxidative Hydrothermal Dissolution (OHD) process for the conversion of coals to liquids, and in November 2013 an Agreement was signed to replace the MOU.

The arrangement allows Greenpower to receive an exclusive license to develop and apply the OHD process on a commercial scale within Australia and New Zealand in exchange for contributing USD \$2m towards research on extraction of the products from the OHD liquid.

## **Thermaquatica OHD Coal to Liquid Technology (cont.)**

OHD is a novel and environmentally friendly technology for the conversion of coal and other solid organic material into low molecular weight, water soluble products. Many of the initial products are potentially useful for producing polymers as well as other hydrocarbon based products. The process works by taking the initial macromolecular solid material such as coal and causing a reaction with small amounts of oxygen in high temperature, high pressure water.

### **Progress Report**

#### **Victorian Brown Coal**

The Monash University programme to determine the best way to use the OHD liquid as a biostimulant continued over the entire period. We expect the trials to be finalised by the end of 2016. Some results will be available by mid-May and a further tranche in September.

Engineering design work has begun on a commercial demonstration plant which will be capable of processing 20 tonnes of coal per day. Initially the plant will be built to the stage where production of the basic liquor occurs. This liquor will be marketed to the agriculture industry as a biostimulant.

In addition to the use of the OHD material as an agricultural biostimulant many of the individual compounds have uses in the chemical industry. The company has commissioned Dr Duncan Seddon to evaluate the commercial value of the OHD compounds. The completed edition of his report is due to be received in April. At the time of writing his report has been received and is undergoing review. The company expects to be able to finalize and release his report in early May.

#### **Collie Coal. [Western Australia]**

A small number of OHD trials have been carried out using Collie Coal as feedstock. No processing problems at all were encountered. Collie Coal is an excellent feedstock. As expected the chemical constituents resulting from OHD processing of Collie Coal differ completely from those obtained when processing Victorian Brown Coal.

The team at Monash University have done a desk top evaluation of the constituents of the Collie Coal liquor and are of a view that as a biostimulant it will be at least as efficacious as the liquor made from Victorian Brown Coal. Consequently we have shipped 50kg of Collie Coal to the Thermaquatica laboratories where it will be processed. A large part of the resulting liquor will be shipped back to Australia and be used by the Monash researchers in a further series of trials.

As well as evaluating the OHD chemicals from the Victorian Brown Coal, Dr Seddon also reported on the chemicals which resulted from OHD treatment of Collie Coal.

### **Recapitalisation**

The first stage of the recapitalisation of Greenpower was completed with the issue of 13,834,213 ordinary shares raising \$41,503.

The company also raised \$450,000 by issuing converting loans, with interest payable at 8% per annum. The converting loans were subject to shareholder approval on 27 April 2016. Upon conversion the loans will convert to 450,000,000 ordinary shares.

Subsequent to the quarter the Group completed a Rights issues raising net of costs \$450,895, the funds raised will be applied in accordance with the Entitlement Issue Prospectus and utilised to finalise the Thermaquatica “OHC” Coal to Liquid Technology commitments, payment of creditors and accrued interest on loans.