

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO
RULE 13a-16 OR 15d-16 OF THE SECURITIES EXCHANGE ACT OF 1934

For the month of January 2012

Commission File Number: 001-35022

Mission NewEnergy Limited

(Translation of registrant's name into English)

Unit 4, 97 Hector Street West
Osborne Park, Western Australia 6017
Australia

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): _____

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): _____

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Mission NewEnergy Limited

By: /s/ Guy Burnett
Name: Guy Burnett
Title: Chief Financial Officer and Company Secretary
Date: January 27, 2012

EXHIBIT INDEX

| <u>Exhibit Number</u> | <u>Description</u> |
|-----------------------|--|
| 99.1 | Press release dated January 27, 2012 announcing commencement of review of operations |



Tempo Offices, Unit B9,
431 Roberts Rd, Subiaco,
Western Australia, 6008

Tel: + 618 9445 1006
Fax: + 618 9204 2383
Email: invest@missionnewenergy.com

27 January 2012
ASX ANNOUNCEMENT

Mission to Re-Structure Operations

Mission NewEnergy Limited (NASDAQ:MNEL, ASX:MBT), a global provider of environmentally sustainable biofuels, today announces that management has commenced a detailed review of its operations in-light of its current cash position and visibility on its Jatropha operations.

Today the company also announces the material completion of the 2011 Jatropha harvest season. The harvest is significantly lower than company expectations.

The company believes that the lower than expected harvest season is a result of historically planting wild seed varieties which have large yield variability in its early years of growth before the trees mature. The Company expects maturity to be achieved in the seventh year of planting. On average, the Company's current acreage is less than 3 years old.

Based on this, management is re-evaluating its productive acreage and yield expectations. The company expects that both productive acreage and yield estimates will be materially down graded and awaits the completion of the 2012 harvest season in December 2012 to provide further clarity. The company has decided not to undertake further planting of Jatropha until yield from existing acreage is determined.

"Structural changes to the business are absolutely necessary in light of the current stage of development of the Jatropha operations. We continue to believe in the strength of our Jatropha business long term; however, given our current cash position the company needs to review all its strategic options," said Nathan Mahalingam, Group CEO of Mission NewEnergy.

Management believes the company has a viable refining business and that in the long term its Jatropha operations will be profitable. In light of this positive

long term outlook, we need to re-structure the business to allow the company to conserve cash. The re-structure will likely include a reduction in operating expenditure on all fronts, divestment of non-core assets and raising further equity capital. As at 31 December 2011, the company had A\$5.7 million in cash.

- Announcement Ends -

About Mission NewEnergy

Mission NewEnergy Limited is a global provider of sustainable, renewable energy. Operating in Asia, India, Australia, Europe and North America, Mission NewEnergy is a biodiesel producer and Jatropha plantation company. At full capacity we can produce 105 million gallons of biodiesel. Jatropha Curcas, an inedible biofuel feedstock, is being cultivated by Mission's contract farmers on arid, marginal lands. Through the realization of Jatropha by-product value, Mission is working towards a zero cost of sustainable non-edible fuel source. To learn more, visit www.missionnewenergy.com.

For more information and a copy of this announcement, please visit: www.missionnewenergy.com or contact:

James Garton
Head of Corporate Finance, M&A
Phone: + 1 (210) 841-5741
james@missionnewenergy.com
