

**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 20, 2012

EXHIBIT INDEX

Exhibit Number	Description
99.1	Appendix 3B

Appendix 3B
New issue announcement

Rule 2.7, 3.10.3, 3.10.4, 3.10.5

Appendix 3B
New issue announcement,
application for quotation of additional securities
and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 1/7/96. Origin: Appendix 5. Amended 1/7/98, 1/9/99, 1/7/2000, 30/9/2001, 11/3/2002, 1/1/2003, 24/10/2005.

Name of entity

Mission NewEnergy Limited (the "Company")

ABN

63 117 065 719

We (the entity) give ASX the following information.

Part 1 - All issues

You must complete the relevant sections (attach sheets if there is not enough space).

- | | | |
|---|--|-----------------|
| 1 | +Class of +securities issued or to be issued | Ordinary Shares |
| 2 | Number of +securities issued or to be issued (if known) or maximum number which may be issued | 22,839 |
| 3 | Principal terms of the +securities (eg, if options, exercise price and expiry date; if partly paid +securities, the amount outstanding and due dates for payment; if +convertible securities, the conversion price and dates for conversion) | Ordinary Shares |

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

<p>4 Do the *securities rank equally in all respects from the date of allotment with an existing *class of quoted *securities?</p> <p>If the additional securities do not rank equally, please state:</p> <ul style="list-style-type: none"> • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 	<p>Yes, securities rank equally from date of allotment with existing fully paid ordinary shares.</p>				
<p>5 Issue price or consideration</p>	<p>Nil</p>				
<p>6 Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)</p>	<table border="1"> <tr> <td data-bbox="586 755 678 854">12,671</td> <td data-bbox="683 755 1060 854">Ordinary shares issued pursuant to the Company Executive Performance Rights Plan</td> </tr> <tr> <td data-bbox="586 854 678 997">10,168</td> <td data-bbox="683 854 1060 997">Ordinary shares issued for consulting services provided</td> </tr> </table>	12,671	Ordinary shares issued pursuant to the Company Executive Performance Rights Plan	10,168	Ordinary shares issued for consulting services provided
12,671	Ordinary shares issued pursuant to the Company Executive Performance Rights Plan				
10,168	Ordinary shares issued for consulting services provided				
<p>7 Dates of entering *securities into uncertificated holdings or despatch of certificates</p>	<p>17 January 2012</p>				
<p>8 Number and *class of all *securities quoted on ASX (including the securities in clause 2 if applicable)</p>	<table border="1"> <thead> <tr> <th data-bbox="586 1185 824 1212">Number</th> <th data-bbox="829 1185 1060 1212">*Class</th> </tr> </thead> <tbody> <tr> <td data-bbox="586 1212 824 1389">8,656,875</td> <td data-bbox="829 1212 1060 1389">Ordinary (MBT)</td> </tr> </tbody> </table>	Number	*Class	8,656,875	Ordinary (MBT)
Number	*Class				
8,656,875	Ordinary (MBT)				

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

		Number	+Class
9	Number and +class of all +securities not quoted on ASX (including the securities in clause 2 if applicable)	704,789	Convertible Notes which are held in two tranches: Series 2 convertible to 2,819,156 Fully Paid Ordinary Shares subject to adjustments in accordance with the Terms and Conditions of the Notes. (MBTAS) (MBTAS)
		1,995,009	Warrants (MBTAK) Exercise price A\$15.00, expiry date 1 May 2014. If at any time on or after April 15, 2012 the immediately preceding 20 trading day volume weighted average price (as published by or derived from ASX) is at least A\$50.00, the Company may give written notice to each warrant holder that if such holder does not exercise its Warrants within 15 days from the date of such notice, then the Warrants would expire on that 15 th day.
		1,000,000	28 April 2014 Warrants (MBTAC) Exercise price of \$15.00. If at any time on or after 15 April 2012 the immediately preceding 20 trading day volume weighted average price (VWAP) is at least at A\$50.00, the Company may give written notice to each Warrant holder that if such holder does not exercise its Warrants within 15 days from that date of such notice, then the Warrants would expire on that 15 th day.
		14,001	Performance Rights (MBTAI) Vesting conditions attached to each of the performance rights are as follows: i) 60% of original total of 184,000, vesting in equal tranches on: (1) Positive Group cash generation from operations by 30 June 2010 (2) EPS at A\$3.00 by 30 June 2011 and; (3) EPS of A\$7.5 by 30 June 2012
		8,000	Performance Rights (MBTAI) Vesting conditions attached to each of the performance rights are as follows. a) 60% of original total of 31,000 vesting in equal tranches 30/06/2011, 30/06/2012, 30/06/2013
		10,000	Performance Rights Vesting conditions attached to each of the performance rights are as follows: i) Performance Tranche – 10,000 rights on achieving an EBITDA positive position for the Malaysian operations for the financial year ending 30 June 2012.

+ See chapter 19 for defined terms.

- 10 Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

Part 2 - Bonus issue or pro rata issue

- 11 Is security holder approval required?
- 12 Is the issue renounceable or non-renounceable?
- 13 Ratio in which the +securities will be offered
- 14 +Class of +securities to which the offer relates
- 15 +Record date to determine entitlements
- 16 Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?
- 17 Policy for deciding entitlements in relation to fractions
- 18 Names of countries in which the entity has +security holders who will not be sent new issue documents
Note: Security holders must be told how their entitlements are to be dealt with.
Cross reference: rule 7.7.
- 19 Closing date for receipt of acceptances or renunciations
- 20 Names of any underwriters
- 21 Amount of any underwriting fee or commission

+ See chapter 19 for defined terms.

22	Names of any brokers to the issue	
23	Fee or commission payable to the broker to the issue	
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on behalf of +security holders	
25	If the issue is contingent on +security holders' approval, the date of the meeting	
26	Date entitlement and acceptance form and prospectus or Product Disclosure Statement will be sent to persons entitled	
27	If the entity has issued options, and the terms entitle option holders to participate on exercise, the date on which notices will be sent to option holders	
28	Date rights trading will begin (if applicable)	
29	Date rights trading will end (if applicable)	
30	How do +security holders sell their entitlements <i>in full</i> through a broker?	
31	How do +security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	
32	How do +security holders dispose of their entitlements (except by sale through a broker)?	
33	+Despatch date	

Part 3 - Quotation of securities

+ See chapter 19 for defined terms.

Appendix 3B
New issue announcement

You need only complete this section if you are applying for quotation of securities

34 Type of securities
(tick one)

(a) Securities described in Part 1

(b) All other securities

Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities

Entities that have ticked box 34(a)

Additional securities forming a new class of securities

Tick to indicate you are providing the information or documents

35 If the +securities are +equity securities, the names of the 20 largest holders of the additional +securities, and the number and percentage of additional +securities held by those holders

36 If the +securities are +equity securities, a distribution schedule of the additional +securities setting out the number of holders in the categories
1 - 1,000
1,001 - 5,000
5,001 - 10,000
10,001 - 100,000
100,001 and over

37 A copy of any trust deed for the additional +securities

+ See chapter 19 for defined terms.

Entities that have ticked box 34(b)

38	Number of securities for which +quotation is sought					
39	Class of +securities for which quotation is sought					
40	<p>Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities?</p> <p>If the additional securities do not rank equally, please state:</p> <ul style="list-style-type: none"> • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 					
41	<p>Reason for request for quotation now</p> <p><small>Example: In the case of restricted securities, end of restriction period</small></p> <p>(if issued upon conversion of another security, clearly identify that other security)</p>					
42	Number and +class of all +securities quoted on ASX (including the securities in clause 38)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; padding: 2px;">Number</th> <th style="width: 50%; padding: 2px;">+Class</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td></td> </tr> </tbody> </table>	Number	+Class		
Number	+Class					

+ See chapter 19 for defined terms.

Quotation agreement

- 1 *Quotation of our additional *securities is in ASX's absolute discretion. ASX may quote the *securities on any conditions it decides.
- 2 We warrant the following to ASX.
 - The issue of the *securities to be quoted complies with the law and is not for an illegal purpose.
 - There is no reason why those *securities should not be granted *quotation.
 - An offer of the *securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.
Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty
 - Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any *securities to be quoted and that no-one has any right to return any *securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the *securities be quoted.
 - If we are a trust, we warrant that no person has the right to return the *securities to be quoted under section 1019B of the Corporations Act at the time that we request that the *securities be quoted.
- 3 We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
- 4 We give ASX the information and documents required by this form. If any information or document not available now, will give it to ASX before *quotation of the *securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here:



Date: 18.1.2012

(Director/Company secretary)

Print name:

Mr Guy Burnett

+ See chapter 19 for defined terms.