

PUBLIC REPORT 2011

Please note that this template has been updated based on feedback from a number of Corporations during the recent review of regulations. It is not compulsory for you to use this Public Report template. You may wish to continue to use the previous template, or you may report in another format of your choice. Either is acceptable provided you report all the information required by the EEO Act and Regulations.

There is an explanatory document at pages 5-14 of this template that fully explains how to complete it. There is also some targeted guidance on the template itself.

Part 1 - Corporation Details

Controlling Corporation

Insert the name of the Controlling Corporation exactly as it is registered with the EEO Program. The period to which the report relates is the total period of participation up to 30 June prior to when the report is due.

New Hope Corporation Ltd

From

1 July 2006

To

30 June 2011

Period to which this report relates

Table 1.1 - Major Changes to Corporate Group Structure or Operations

Table 1.1 – Major Changes to Corporate Group Structure or Operations

Major changes to the Corporate Group structure and operations includes New Hope Corporations partial acquisition of the Northern Energy Corporation Ltd, and the sale of 10% interest in the New Lenton Project forming the Lenton Joint Venture Project in the second half of the 2011 financial year (end of 2006-2011 five year cycle), and do not include a significant increase in energy use.

As a result of the heavy unseasonal rainfall in January 2011, New Hope Corporation suspended operations for three to four days at the New Acland Coal and Jeebropilly Coal Mines. The Queensland Bulk Handling (QBH) terminal did not suffer flooding and resumed operations at the re-opening of the Port of Brisbane. The significant damage to the Western Rail System infrastructure linking mining operations to QBH as a result of the flooding temporarily impacted transport links.

New Hope Corporation is committed to integrating activities conducted under the Energy Efficiency Opportunities program with those of its internal business improvement programs. This will continue to be the focus points of the coming five year EEO cycle.

Table 1.2 – Aggregate energy assessed covered in this report

| | | |
|---|------------------|-----------|
| Total energy use covered by all assessments in this report | 1,728,010 | GJ |
| Total energy assessed as percentage of total energy use of the corporate group** | 93.6 | % |

* If this report covers only part of the corporate group, then the percentage should be computed on the total energy use for that part of the group covered in this report

Please note that corporations are required to assess 80% or more of their energy use in the first five-year assessment cycle and 90% or more in subsequent five-year assessment cycles. Accordingly, for those corporations with a 2005-06 trigger year (i.e. those corporations at the end of their first-five year assessment cycle), the value in "Percentage of corporation's energy use assessed" above, must be more than 80%.

Declaration

Declaration of accuracy and compliance

The information included in this report has been reviewed and noted by the board of directors and is to the best of my knowledge, correct and in accordance with the *Energy Efficiency Opportunities Act 2006* and *Energy Efficiency Opportunities Regulations 2006*.



Rob Neale
Managing Director and Chief Executive Officer

Date 20/12/11

Part 2 - Assessment Outcomes

Table 2.1 – Assessment Details

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

Name of group member or business unit or key activity

New Acland Coal Mine

Total energy use in the last financial year

Energy use assessed in this entity as a percentage of total entity energy use*

Energy use assessed in this entity as a percentage of total corporate energy use

Accuracy of above estimates related to energy use assessed - only required if not ±5% or better

| | |
|-----------|----|
| 1,179,660 | GJ |
| 100 | % |
| 69 | % |
| ±5% | % |

Period over which assessment was undertaken

01/07/10

30/06/11

Description of the way in which the entity carried out its assessment

During the 2010 to 2011 assessment period, New Hope Corporation engaged a specialist external consultancy to assist with collection and evaluation of baseline energy at the three subsidiary businesses. In addition the specialist consultant reviewed the status of projects identified during previous assessment periods. No new assessments were undertaken as per the Assessment and Reporting Schedule.

* Please note that, for individual sites that use more than 0.5PJ of energy, all energy use must be assessed (less a small proportion for non integral energy use).

Part 2 - Assessment Outcomes

Table 2.1 – Assessment Details

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

Name of group member or business unit or key activity

Jeebropilly Coal Mine

Total energy use in the last financial year

| | |
|---------|----|
| 488,672 | GJ |
|---------|----|

Energy use assessed in this entity as a percentage of total entity energy use*

| | |
|-----|---|
| 100 | % |
|-----|---|

Energy use assessed in this entity as a percentage of total corporate energy use

| | |
|----|---|
| 28 | % |
|----|---|

Accuracy of above estimates related to energy use assessed - only required if not ±5% or better

| | |
|-----|---|
| ±5% | % |
|-----|---|

Period over which assessment was undertaken

| | |
|----------|----------|
| 01/07/10 | 30/06/11 |
|----------|----------|

Description of the way in which the entity carried out its assessment

During the 2010 to 2011 assessment period, New Hope Corporation engaged a specialist external consultancy to assist with collection and evaluation of baseline energy at the three subsidiary businesses. In addition the specialist consultant reviewed the status of projects identified during previous assessment periods. No new assessments were undertaken as per the Assessment and Reporting Schedule.

Part 2 - Assessment Outcomes

Table 2.1 – Assessment Details

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

Name of group member or business unit or key activity

QBH Coal Export Terminal

Total energy use in the last financial year

59,678 GJ

Energy use assessed in this entity as a percentage of total entity energy use*

100 %

Energy use assessed in this entity as a percentage of total corporate energy use

3 %

Accuracy of above estimates related to energy use assessed - only required if not ±5% or better

±5% %

Period over which assessment was undertaken

01/07/10 30/06/11

Description of the way in which the entity carried out its assessment

During the 2010 to 2011 assessment period, New Hope Corporation engaged a specialist external consultancy to assist with collection and evaluation of baseline energy at the three subsidiary businesses. In addition the specialist consultant reviewed the status of projects identified during previous assessment periods. No new assessments were undertaken.

Table 2.2 - Energy efficiency opportunities identified in the assessment

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

New Acland Coal Mine

Table 2.2 – Energy efficiency opportunities identified in the assessment

| Status of opportunities identified to an accuracy of better than or equal to $\pm 30\%$ | Total Number of opportunities | Estimated energy savings per annum by payback period (GJ) | | | | | | Total estimated energy savings per annum (GJ) |
|--|-------------------------------|---|--------|--------------------|-------|------------|--------|---|
| | | 0 – < 2 years | | 2 – \leq 4 years | | > 4 years | | |
| | | No of Opps | GJ | No of Opps | GJ | No of Opps | GJ | |
| Business Response | 5 | 4 | 84,500 | 0 | 0 | 1 | 1,200 | 85,700 |
| Implemented | | | | | | | | |
| Implementation Commenced | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| To be Implemented | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Under Investigation | 7 | 5 | 420 | 2 | 770 | 0 | 0 | 1,190 |
| Not to be Implemented | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Outcomes of assessment | 12 | 9 | 84,920 | 2 | 770 | 1 | 1,200 | 86,890 |
| Status of opportunities identified to an accuracy of worse than $\pm 30\%$ | | | | | | | | |
| Business Response | 3 | 2 | 36,400 | 0 | 0 | 1 | 43,200 | 79,600 |
| Implemented | | | | | | | | |
| Implementation Commenced | 2 | 1 | 1,100 | 1 | 740 | 0 | 0 | 1,840 |
| To be Implemented | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Under Investigation | 3 | 1 | 120 | 2 | 1,040 | 0 | 0 | 1,160 |
| Not to be Implemented | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Outcomes of assessment | 8 | 4 | 37,620 | 3 | 1,780 | 1 | 43,200 | 82,600 |

Please note that Corporate Groups are **not required** to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

Table 2.2 - Energy efficiency opportunities identified in the assessment

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

Jeebropilly Coal Mine

Table 2.2 – Energy efficiency opportunities identified in the assessment

| Status of opportunities identified to an accuracy of better than or equal to $\pm 30\%$ | Total Number of opportunities | Estimated energy savings per annum by payback period (GJ) | | | | | | Total estimated energy savings per annum (GJ) |
|--|-------------------------------|---|-------|--------------------|-----|------------|-----|---|
| | | 0 – < 2 years | | 2 – \leq 4 years | | > 4 years | | |
| | | No of Opps | GJ | No of Opps | GJ | No of Opps | GJ | |
| Business Response | 1 | 1 | 20 | 0 | 0 | 0 | 0 | 20 |
| Implemented | | | | | | | | |
| Implementation Commenced | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| To be Implemented | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Under Investigation | 2 | 0 | 0 | 0 | 0 | 2 | 330 | 330 |
| Not to be Implemented | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Identified | 3 | 1 | 20 | 0 | 0 | 2 | 330 | 350 |
| Outcomes of assessment | | | | | | | | |
| Status of opportunities identified to an accuracy of worse than $\pm 30\%$ | | | | | | | | |
| Business Response | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Implemented | | | | | | | | |
| Implementation Commenced | 1 | 1 | 8,493 | 0 | 0 | 0 | 0 | 8,493 |
| To be Implemented | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Under Investigation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Not to be Implemented | 4 | 1 | 140 | 2 | 240 | 1 | 120 | 500 |
| Total Identified | 5 | 2 | 8,633 | 2 | 240 | 1 | 120 | 8,993 |
| Outcomes of assessment | | | | | | | | |

Please note that Corporate Groups **are not required** to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

Table 2.2 - Energy efficiency opportunities identified in the assessment

It is compulsory to complete a separate table for each group member, business unit, or key activity that has been assessed

QBH Coal Export Terminal

| Status of opportunities identified to an accuracy of better than or equal to $\pm 30\%$ | | Total Number of opportunities | Estimated energy savings per annum by payback period (GJ) | | | | | | Total estimated energy savings per annum (GJ) | |
|--|--------------------------|-------------------------------|---|--------|--------------------|-----|------------|-----|---|--------|
| | | | 0 - < 2 years | | 2 - \leq 4 years | | > 4 years | | | |
| | | | No of Opps | GJ | No of Opps | GJ | No of Opps | GJ | | |
| Business Response | Implemented | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 9 | 9 |
| | Implementation Commenced | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | To be Implemented | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Under Investigation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Not to be Implemented | 1 | 0 | 0 | 1 | 110 | 0 | 0 | 0 | 110 |
| Outcomes of assessment | Total Identified | 2 | 0 | 0 | 1 | 110 | 0 | 1 | 9 | 119 |
| Status of opportunities identified to an accuracy of worse than $\pm 30\%$ | | | | | | | | | | |
| Business Response | Implemented | 2 | 1 | 7,000 | 1 | 145 | 0 | 0 | 0 | 7,145 |
| | Implementation Commenced | 1 | 0 | 0 | 0 | 0 | 1 | 375 | 0 | 375 |
| | To be Implemented | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Under Investigation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Not to be Implemented | 2 | 1 | 3,700 | 0 | 0 | 1 | 40 | 1 | 3,740 |
| Outcomes of assessment | Total Identified | 5 | 2 | 10,700 | 1 | 145 | 2 | 414 | 2 | 11,259 |

Please note that Corporate Groups **are not required** to report opportunities with a payback greater than 4 years. Reporting this data is voluntary.

Table 2.3 - Details of significant opportunities identified in the assessment

Corporate Groups are required to provide at least 3 examples of significant opportunities for improving the energy efficiency of the group that have been identified in assessments.

Description of Opportunity

An opportunity was identified and implemented at the New Acland Coal Mines Coal Handling and Processing Plants to install Variable Speed Drives (VSDs) on selected slurry pumps to slow the speed of the pump in comparison to the coal throughput, thus reducing the energy required for the same throughput.

Description of Opportunity

An opportunity was identified and installed at the Qld Coal Export Terminal to install a fuel storage facility thus reducing the distance travelled by machinery to refuel. The reduction in distance travelled to refuel increased energy efficiency and a reduction in operating hours for the machine whilst maintaining throughputs.

Description of Opportunity

At the Jeebropilly Coal Mine heavy vehicle workshop it was identified that a selection of external lights fitted with automatic control or timers had been bi-passed. This resulted in the lights being left on during day light hours. By re-instating the automatic control or timers the lights are now restricted to night time hours.

Please note that the "Description of the Opportunity" above should include information on the specific nature and type of opportunity, as well as information on the type of equipment and/or process involved.

