



*AQA ENERGY
EFFICIENCY
AWARD*

2009

*SPONSORED BY ENERGY EFFICIENCY
& CONSERVATION AUTHORITY*

*PRIZE:: \$10,000 TO BE SPENT ON FURTHER
ENERGY EFFICIENCY AND CONSERVATION
PROGRAMMES*

*ELIGIBILITY:: OPEN TO FINANCIAL MEMBERS
OF AGGREGATE & QUARRY ASSOCIATION OF
NZ INC*

CONDITIONS OF ENTRY:

All entries will be treated in strict confidence. However, AQA wish to give due recognition to the winner and all entrants must be prepared to allow case studies of their entries to be published in the media and publicised at the Titan Volvo Awards Dinner held at the IoQ and AQA Joint Conference in Invercargill on 10 July 2009

Confidential information can be withheld from publications. Please clearly indicate any confidential information within your submission that should not be publicised.

Electronic copies of this entry form are available on the AQA website www.aqa.org.nz or from the Executive Director.

1. All entries must be received by AQA no later than **close of business on Tuesday 2 June 2009.**

Entries must be sent to Executive Director, AQA at:

Postal:

PO Box 32019
Maungaraki
LOWER HUTT 5050;

Courier:

11 Wisteria Grove
Maungaraki
LOWER HUTT 5010;

Facsimile

0-4-568 2780;

Email

Roger@AQA.org.nz.

2. The entries must stand alone and judging decisions are based solely on the information provided.
3. The judges' decision is final and no correspondence will be entered into.
5. Entries may be reproduced as case studies and/or for promotional activity, exclusive of confidential information where specified.
6. Entries received will remain with EECA unless their return is specifically requested.

For further information:

Call the EECA Energy Services Account Manager on 0-9-374 3807, or email don.lewis@eeca.govt.nz.

ENTRY SCRIPT

Please provide concise information and fully complete all pages.

APPLICANT/NOMINEE:

Name:

Title/Position:

Company/Organisation:

Postal Address:

Phone (Wk): Fax:

Email:

Signature of Applicant: Date:

Person nominated to receive award and position held:

NOMINATOR:

Name:

Title/Position:

Company/Organisation:

Postal Address:

Phone (Wk): Fax:

Email:

Signature of Nominator: Date:

I declare that to the best of my knowledge the details contained in this application are correct.

The emphasis will be on activities undertaken and implemented in 2008-2009. However, recognition will also be given to achievements prior to 2008. You may wish to answer questions in bullet point form.

QUESTION 1:

Name and location of project or activity and date(s) of implementation/results.



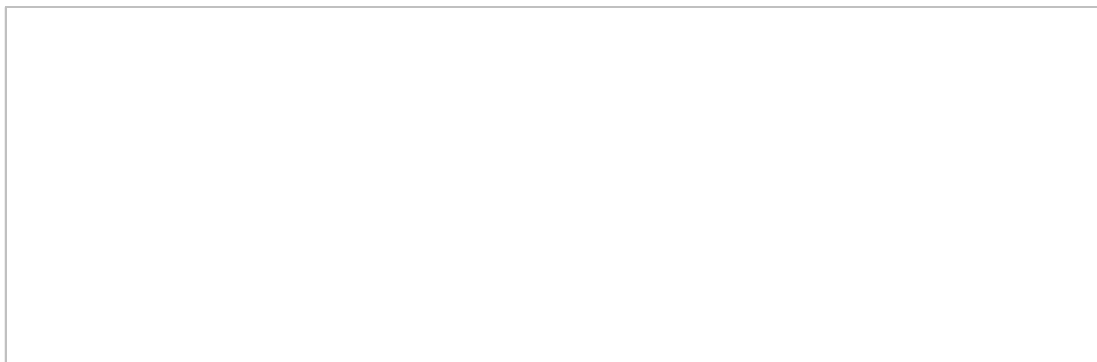
QUESTION 2:

Briefly describe the service, product, project, or programme undertaken.



QUESTION 3:

Describe energy and CO₂ savings and/or displaced fossil fuels for each fuel type, quantifying and normalising these wherever possible (i.e. \$ and energy use per unit of production such as kWh per tonne of aggregate produced per year). Use the included energy and CO₂ form and include up to two line or bar charts to emphasise any changes over time.



QUESTION 4:

Describe other project benefits, which may include social, health, economic, industry development, air quality, water use and other environmental benefits, quantifying these wherever possible.

QUESTION 5:

Provide indicative project budget/costs, investments and criteria, including personnel time such that the cost effectiveness/economic viability of the project can be accurately ascertained.

QUESTION 6:

Describe innovative aspects of the project or your methods that contribute to the aim of a more sustainable energy future for New Zealand.

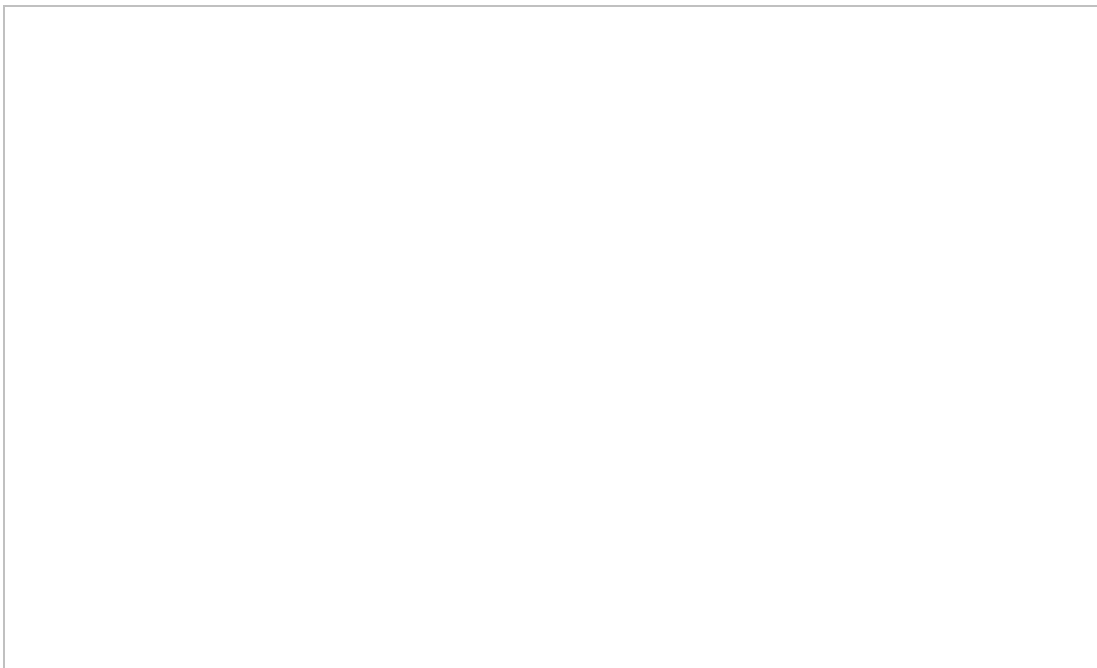
QUESTION 7:

Outline any problems or barriers encountered and how you dealt with them.



QUESTION 8:

Does this project either fit into an overall Energy Management Programme for your business, or into your strategic direction? If yes, please give a brief summary.



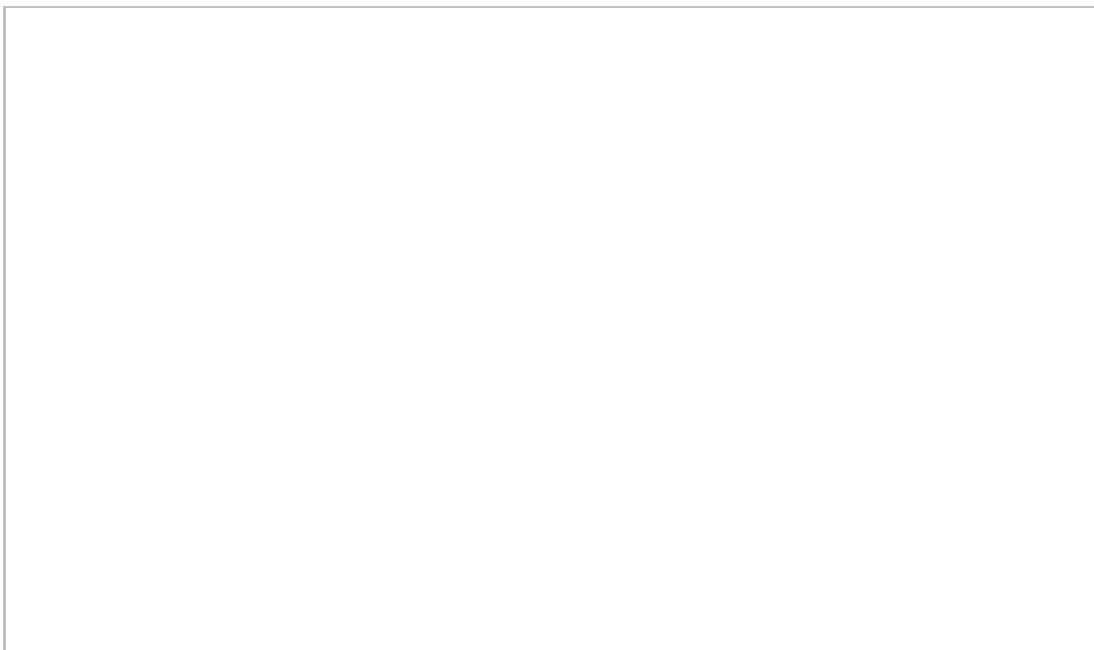
QUESTION 9:

Describe and quantify opportunities for project continuation or replication in your company, New Zealand and/or internationally. Include descriptions of your policies, planning, monitoring, reporting and marketing.



QUESTION 10:

Provide a statement of **fewer than 500 words** on why this project should receive the AQA Energy Efficiency Award (your points in this will be judged with your answers above).



ENERGY USE FORM

Complete the table below as appropriate. Years 2007 to 2008 are most important. Explanation notes can be found on the following page.

| Yr | TOTAL ENERGY Note 1 | ENERGY SAVED | % Note 2 | COST (\$) Note 3 | % Note 2 | INVESTED (\$) Note 4 | CONSUMPTIONS FOR EACH FUEL Note 5 | | | PRODUCT OR SERVICE (e.g. TONNES, m ²) | CO ₂ SAVINGS (t) Note 6 |
|------|------------------------|--------------|-------------|---------------------|-------------|-------------------------|-----------------------------------|--------|--------|--|---------------------------------------|
| | | | | | | | FUEL 1 | FUEL 2 | FUEL 3 | | |
| 2008 | | | | | | | | | | | |
| 2007 | | | | | | | | | | | |
| 2006 | | | | | | | | | | | |
| 2005 | | | | | | | | | | | |
| 2004 | | | | | | | | | | | |
| 2003 | | | | | | | | | | | |
| 2002 | | | | | | | | | | | |

Note 1 For each year, state total energy used or displaced. Indicate units used e.g. GJ or kWh or L. (For dedicated Renewable energy initiatives, total energy is consumer energy supplied by renewable energy resources).

Note 2 The % change is calculated by comparing normalised total energy use and costs between each year e.g. 2002 and 2003.

If no change in product or service between 2002 and 2003 then, % change is simply the % difference between those years:
e.g. % change (total energy use) =

$$\frac{((\text{total energy use 2003}) \times (\text{Product/Service in 2002}) / (\text{Product/Service in 2003}) - (\text{total energy use 2002}))}{\text{total energy use 2002} \times 100\%}$$

Note 3 Specify the annual cost of energy used.

Note 4 Specify the cost of investment in changes or development.

Note 5 State each fuel type used or displaced e.g. electricity or coal or biomass and the amount used. Indicate units used e.g. GJ or kWh.

Note 6 Use the factors below for quantifying CO₂ savings.

OPTIONAL - ATTACH AN IMAGE

You may also attach a photograph (high resolution) that either represents the essence of your project, or illustrates one particular aspect of it. While this may be useful in helping the judges to better understand your project, this is not mandatory and therefore will not hinder your chances of success.

Please make sure your entry:

- * Is in A4 format
- * Is clearly laid out
- * Has concise answers that are relevant to the application
- * Uses measured data as opposed to estimated (where possible, but if project is in early stage of implementation, estimated data can be used but must be identified as such)
- * Presents data in written and graphical form (where possible).