



**CASE STUDY 5**

**ENERGY SAVINGS – BDO KENDALLS**

BDO Kendalls is one of the largest accounting and management consulting firms in North Queensland. With a team of 10 directors and a staff of over 70, BDO Kendalls provides a comprehensive range of business, financial and accounting services.

BDO Kendalls is located on the corner of Sheridan and Aplin St, Cairns.

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**THE PROJECT**

The project was to develop actions to reduce energy costs for the business.

**THE CHALLENGE**

To understand how the business operates and how energy was being used. We also needed to understand the business's future plans and energy needs to develop effective energy solutions for the future.

**THE SOLUTION**

The solution was to develop an Energy Saving Plan for the business which provided an overall direction as well as individual energy use profiles for the building. The Energy Saving Plan was used by the CEO to reduce energy usage and costs.

To develop the plan an Energy Audit was conducted for the building to AS/NZS 3598:2000. This provided a clear understanding of how energy was being used and identified that the key functions for energy use was air conditioning, lighting and computers.

From this information actions to reduce energy usage were developed in all areas with a focus on air conditioning, lighting and computers.

Once the actions were developed Evolve Energy provided training to management so they understood the existing energy usage and what actions they could take to reduce future energy usage. The training covered the key areas of savings which were - effective use of refrigeration, air conditioning and lighting.

**THE COST SAVINGS**

The energy cost saving as a result of developing and implementing an energy savings plan was \$29,168 per annum, while greenhouse gas emissions reduced by 151,743 (kgCO<sub>2</sub>e).

**THE FACTS**

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|--|---|
| Annual greenhouse gas savings identified | 44,928 (kgCO <sub>2</sub> e) (No Cost Plan) |
|  | 151,743 (kgCO <sub>2</sub> e) (Total Plan)  |
| Annual energy cost savings identified    | \$8,730 (No Cost Plan)                      |
|  | \$29,168 (Total Plan)                       |

