



Energy, Water or Waste Audit

Intelligent efficiency

An energy, water or waste audit lets you know where you are today, and shows what you can do to realise a better tomorrow.

Why Get An Energy, Water Or Waste Audit?

An energy, water or waste audit can be used as the basis for preparing a management plan. The audit report provides you with a detailed reduction plan and business case for investment. With an audit, you'll be able to:

- Identify and quantify opportunities to become more energy efficient
- Plan investments with the highest returns
- Benchmark your emissions against facilities or organisations of a similar type
- Advantageously position your funding application

Our highly skilled engineers can help you use the knowledge gained in an energy, water or waste audit to lower operational costs, reduce emissions and improve occupancy satisfaction and attraction.



What's Involved In Getting An Audit?

An energy, water or waste audit involves an engineer analysing your site and identifying and quantifying savings potential in:

- Lighting Systems
- Heating & Cooling (HVAC) Systems & Controls
- Control Systems
- Operational Use
- Building Envelope Upgrades
- Co-Generation/Tri-Generation
- Renewable Energy Generation Options
- Behavioural Change Opportunities

The engineer will then prepare a detailed report of their findings, providing you with a reduction plan.

Contact CarbonetiX
1300 311 763
www.carbonetix.com.au

The friendly, knowledgeable staff of CarbonetiX have provided us with clear ways forward in addressing our emissions and water reduction targets. From building audits to advice on behaviour change initiatives, we have a relationship with CarbonetiX that is informative, yet independent and unbiased.
Hugh Butcher, Moonee Valley City Council

Why Choose CarbonetiX?

Our core expertise is in the undertaking of comprehensive AS/NZS 3598:2000 compliant Level 1, 2 and 3 energy, water and waste audits. These are conducted by our team of highly skilled and experienced engineers.

We take the usability of our audit reports seriously. We don't want you to receive a report that sits on a shelf gathering dust! We don't use jargon and speak in terms that everyone can understand. Knowing which efficiency works will give you the best return is key to implementation, so our energy saving recommendations are ranked in order of payback and are shown in concrete terms. We ensure that before, during and after, the expertise of our entire team is available to you.

We have conducted audits on thousands of buildings - ranging from small schools to large government and commercial premises. Audit customers include:

- Government - Local, State and Federal Agencies
- Semi Government - Water Authorities
- Education - Over 200 Schools
- Commercial - Public & Private Organisations
- Accommodation - Health Facilities, Hotels

Thanks for the great work on the audit. Those who have read the report have all expressed their delight in how it was presented. A credit to you and the CarbonetiX team on your ability to take technical information and present it in a way that anyone can read and clearly understand.
Rebecca Passlow, Environment Planner, Maroondah City Council

What Happens After An Audit?



Getting an audit is only the first step in your sustainability journey - the recommendations still need to be implemented. Project Management of energy efficiency upgrades is more challenging than it sounds... The Project Manager has to:

- Undertake works that may be disruptive whilst the building is still in use
- Work with contractors who have little experience in implementing energy efficiency works
- Pay an extraordinary amount of attention to correct commissioning

Let CarbonetiX do the hard work for you!

- Dedicated Engineer, exclusive to the project
- Engineer translates the Audit into actual savings
- Engineer commits to required time on-site, organising contracted work and ensuring smooth implementation
- Energy use and savings are recorded before and after
- Utilisation of a developed and growing pool of experienced contractors
- Engineer represents your organisation to achieve the best result

(CarbonetiX Project Manager) Barney has been fantastic. Everyone loves having him around here and he has been very effective in implementing actions and uncovering energy culprits! He showed me a report last night indicting savings of around \$40K (including the solar panels). We are really impressed with his work ethic and skills. As always, it has been great working with CarbonetiX.
Laura Lynch, Coordinator ESD Unit, Moreland City Council

How Do We Measure Results?

Why get energy efficiency works done if you're not going to measure if they've actually worked? CarbonetiX takes measurement seriously and have developed monitoring and tracking software - CarbonMetriX - that will show you your ongoing carbon footprint. You can also track your usage in real-time using our real-time monitoring software - Carbon Real-Time - allowing you to identify leaks and further efficiency opportunities.

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