



**East Harbour Management  
Services**  
can assist you with your  
**Energy Management Needs**

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Energy is an important cost for all operations. Costs are rapidly increasing due to growing demands coupled with concern over New Zealand's ability to supply enough electricity and natural gas.

You may already be making progress to reduce energy costs, but need additional resources. The consultants at East Harbour have the expertise to help you meet your energy management needs.

While many energy consultants will carry out short term analysis for their clients, East Harbour works to build an on-going relationship with energy users.

Let us take care of your energy matters in a cost effective and efficient manner, leaving your organisation to concentrate on your core business. We are able to tailor the optimum size of energy management package to suit your unique situation.

East Harbour proposes that we take energy matters out of your hands. We will appoint one of our expert staff as your Energy Manager who will dedicate an agreed number of hours to your organisation. They will develop an organisation wide strategy, energy plan and reporting structure. These will be used to set up processes to monitor your energy use and to identify areas where consumption and costs can be reduced. We will work with your staff and stakeholders but leave them to continue to do what they do best.

East Harbour can provide temporary or outsourced energy management services.

Tim Armstrong is an experienced facilities manager and was EnergyWise Energy Manager of the Year in 2004 for his work with Victoria University energy services. Tim is available to advise on establishment of energy management activities or to assist with implementing such systems.

Stephen Ward has considerable experience in energy management and has performed many energy audits and surveys. He has managed significant energy efficiency interventions, and has worked on projects in the residential, commercial, and industrial areas. Stephen has a keen interest and experience in developing robust systems to measure the outcomes from energy efficiency and renewable energy projects.

Our energy management skills are supplemented by our expertise in other energy fields.

### **Renewable Energy**

East Harbour's staff has extensive and specific experience in the commercial development of wind farms, cogeneration projects, industrial heat facilities, solar heating, bioenergy projects, geothermal utilisation, and hydro power stations.

### **Energy Studies**

East Harbour specialises in facilitating energy solutions and undertaking energy studies, and can assist companies in the provision of a total energy service.

### **Energy Auditing and Management**

East Harbour can conduct analysis of usage for both gas and electricity tariff/billing of energy and line charges. An assessment of energy use can provide cost reduction options such as energy management or other systems.

### **Project Co-ordination Services**

East Harbour has skills in establishing and co-ordinating project teams, regardless of whether the project is large or small, relates to physical assets, or is process oriented.

### **Transport Energy**

Some of East Harbour's staff have worked on transport energy projects internationally and locally for over 30 years. They can draw on experience of working in the oil industry or Liquid Fuel Trust Board programme and undertaking a range of studies of LPG, CNG, and alcohol fuels. We are able to conduct a survey of the operation of your vehicle fleet.

The ability to better manage the energy that we use has many benefits beyond financial savings for ourselves as residential, commercial or industrial energy consumers. The more efficient use of energy can also increase the lifetime of the energy using equipment and increase productivity, and there are also other environmental benefits.

East Harbour maintains the Energy Management Association web site and produces their newsletter to keep the industry up to date with all energy management matters.

East Harbour has access to an extensive source of information through the Energy Library [www.energylibrary.org.nz](http://www.energylibrary.org.nz) (an associate company). It is able to efficiently collate technical and other information to meet customer requirements.

East Harbour has developed a portal search engine for web-based energy information access. The EnergyInfoNZ site [www.energyinfonz.co.nz](http://www.energyinfonz.co.nz) has links to the energy management industry, manufacturers, and suppliers.

### **Staff**

Key staff with an energy management focus include John Rutherford, Tim Armstrong, and Stephen Ward.

Please contact us for further information or with any enquiries that you may have.

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