



Key Benefits

- Better understanding of energy usage
- Reduction in fuel costs and the ability to claim rebates from the Climate Change Levy
- Ability to expand the system to target key areas found
- Provision of online maintenance to build a knowledge store from their expert staff

Eye to the future | Window on the world

Summary

With an ultimate aim of reducing fuel costs for a food processing plant, the energy used, in terms of both electricity and steam, was to be monitored. This began with the monitoring of the supply voltage and currents on 10 three phase supplies and will be expanded by the end user to cover steam usage at a later date.

Continuous recalculations of power used on each phase of each supply were made by the system and shown on a site mimic display. The minimum, mean and maximums of each of these were then calculated on a daily basis and stored into an Access database for weekly reporting. The energy used was also derived on a daily basis to provide a comparison with the electricity supplier's meters.

Armed with this information relating to their current usage of energy, the company will then be able to show the efficiencies that they have made and, thus, gain rebates under the Climate Change Levy.

A variety of manually made meter readings are also taken from around the site. Initially these were to be entered through Prodigy's Xform facility and then automated at a later date.

Equipment Used

- Intel based Pentium PC using Microsoft Windows NT 4

- ADAM 5000 containing 4 x ADAM 5017 8 Ch A/I



If you would like to find out more about this application, please contact the sales office who will put you in touch with the original Systems Integrator.