

e-Calc

know the payback

Track and report on energy and environmental initiatives with confidence

e-Calc™ brought to you by:



Know the pay back of energy, water and waste initiatives

e-Calc™ lets you oversee and compare the return on investment from different energy and environmental projects and make consistent, confident decisions.

See the financial impact of changes in energy and environmental management.

Minimise costs and maximise the returns from programmes.

Know which energy and environmental decisions provide the best value.

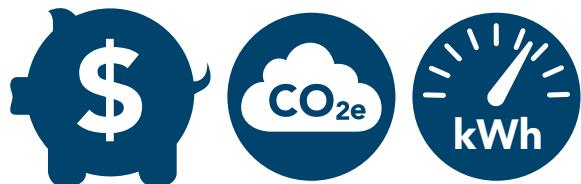
This innovative new cloud-based software enables you to demonstrate the impact and ongoing savings from your current programmes and the financial cost of not implementing changes.

Accurately REPORT and FORECAST to make compelling business cases for new initiatives

e-Calc™ provides a robust, standard format for business cases from different functional areas and for different project types. This lets you report on success with confidence and build compelling financials to influence budget decisions.

Demonstrate the value sustainability delivers in \$\$\$, CO₂e and kWh

Savings or avoided costs can be reported in dollars, greenhouse gas emissions and kilowatt hours, meaning you can show others the value your energy or environmental projects deliver in their language.



Easily integrate sustainability into corporate reporting

With accountability for sustainability becoming increasingly important to company boards, executives and management, the value of an effective system for tracking, monitoring and reporting on sustainability cannot be underestimated.

e-Calc™ helps you demonstrate the value and need for a sustainability programme and provides the structure for corporate social responsibility reporting, providing greenhouse gas emission reporting in accordance with ISO 14064 and energy management reporting in accordance with ISO 50001.

Track sustainability across the board

e-Calc™ lets you measure and report on the impact of sustainability initiatives and actions across a wide range of categories, including:



Fleet management



Video, teleconferencing and travel



Life cycle procurement



On-site power generation



Supply chain management



IT energy management

Banish excel spreadsheets

Each category has a set of calculations that automatically quantify the financial benefit from associated projects and actions, giving you a cost benefit analysis you can trust.

The screenshot shows the e-Calc software interface with a title bar 'e-Calc know the payback' and a sub-header 'Model Hospital'. The main area displays a table of data with columns: 'Category', 'Value', 'Initial Cost', 'Annual Benefit', and 'Payback Period'. The table lists various categories with their respective values and benefits. A 'Create Project' button is visible for each row.

Category	Value	Initial Cost	Annual Benefit	Payback Period
Opportunity Savings/Avoidance	\$293.70	\$1,004.39	\$0.00	3 years
Financial Recovery	\$0.00	\$0.00	\$0.00	0 years
Preempt Payments Discounts	\$84.11	\$3,128.61	\$0.00	37 years
Targeting & Monitoring Management	\$0.00	\$2,315.87	\$0.00	10 years
Tariff Optimisation	\$25.28	\$1,184.79	\$0.00	46 years
Power Factor Optimisation	\$0.00	\$0.00	\$0.00	0 years
Peak MVA Reduction	(\$1112.40)	(\$603.84)	\$0.00	18 years
Transformer Capacity Reservation	\$781.85	\$3,795.79	\$0.00	10 years
Demand Response Measures (DRM)	\$0.00	\$0.00	\$0.00	0 years
On Site Generation	(\$140.72)	(\$221.94)	\$0.00	10 years
Campuswide Commissioning & Maintenance Management	\$0.00	\$0.05	\$0.00	0 years
IT Energy Management Strategy	\$8,940.73	(\$3,388.62)	\$0.00	10 years
Video, Teleconferencing & Travel	\$0.00	\$1,761.00	\$0.00	0 years
Fleet Management	(\$277.78)	(\$1,081.11)	\$0.00	0 years
Behavioural Change	(\$8,166.48)	(\$73,705.40)	\$0.00	0 years
Improved Working Condition	(\$8,862.55)	(\$21,772.58)	\$0.00	0 years
Supply Chain Management	\$0.00	\$0.00	\$0.00	0 years
Life Cycle Procurement	\$7,776.97	\$19,152.90	\$0.00	0 years
Project Savings	\$498.04	\$1,857.82	\$0.00	0 years
Increased Property Value	\$89.49	\$1,132.01	\$0.00	0 years
Reduced or Reused Secondary Resource	\$0.00	\$0.00	\$0.00	0 years
Reputational Benefits	\$0.00	\$0.00	\$0.00	0 years



Built on expertise and innovation

e-Calc™ is built on a unique Benefits Protocol based on the world-leading International Performance Measurement and Verification Protocol (IPMVP®) and verifiable logic.

The Benefits Protocol lets us standardise the benefits resulting from energy, utility and sustainability management projects and improvements, which are then assessed, quantified and reported on through **e-Calc™**.

Developed by Energy TS, one of New Zealand's leading providers of energy and utility management services and the market leader in energy management software, **e-Calc™** offers the credibility and accuracy Energy TS clients like **Massey University**, the **New Zealand Defence Force** and **IAG** rely on.

e-Calc™ was awarded a *Commendation in the Ricoh Mega Efficiency Innovation Category* at the 2016 NZI Sustainable Business Network Awards.

e-Calc™ can be integrated with Energy TS's market-leading **e-Bench®** management software or used stand-alone.



EECA funding

As an EECA programme partner, Energy TS can apply to EECA for up to 40% of the cost of **e-Calc™** for any organisation, based on anticipated savings.

Find out more

To find out how **e-Calc™** can help you know the pay back of energy, water and waste initiatives, contact the Energy TS team on:

04 384 6121

ecalc@energys.ts

www.e-calc.co

Is **e-Calc™** for you?

If you're involved in making decisions about energy, water or waste efficiency in your organisation, **e-Calc™** will let you know the payback you can expect and track the financial impact over time. **e-Calc™** is perfect for:

- Facilities Managers
- Sustainability Managers
- Procurement Managers
- Energy Managers
- Chief Financial Officers
- Chief Executives
- IT Managers
- Corporate Services Managers
- HR Managers