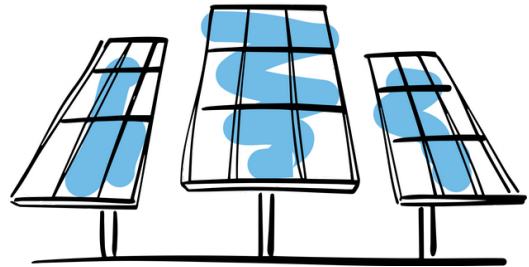


Office Solar: Powering Business with the Sun

The Queenstown Electrification Accelerator conducted a solar feasibility analysis for a Queenstown business with an office space in the CBD. This initiative supports the businesses objectives for reducing operational costs, renewable energy adoption, and carbon emission reduction.



We found that the office roof space could accommodate a **32kW array** of panels. QEA then reviewed the offices annual electricity consumption profile against the potential solar electricity that could be produced.

The result?

\$5,800

saved each year in
electricity costs

2,180 kgs

of annual reductions in
CO₂e from generation
emissions

45%

reduction in electricity costs
& electricity related
emissions

How about the investment economics?

104%

Return on Investment

\$72,920

Net Present Value

This assessment showcased that investing in solar provides a strong economic case, in addition to supporting the businesses broader objectives of electrifying operations, reducing carbon emissions, and improving energy resilience.

It also demonstrates the year-round advantages of generating on-site solar power, from lowering electricity bills and reducing operational emissions to providing a buffer against rising grid prices. As grid costs climb, the savings from solar will continue to grow.

Ready to explore solar for your business?

Whether you're just starting to explore options or ready to take the next steps, the Queenstown Electrification Accelerator is here to help.

Get in touch at gea.nz/contact

