



THE FUTURE IS OBVIOUS.



The Business Case for Commercial Solar



Lower Operating Costs:

- ✓ Cut electricity bills by up to 50% — savings start from day one.



Energy Independence:

- ✓ Generate your own power and gain control over energy usage.



Sustainability & Brand Reputation:

- ✓ Show customers, investors, and staff you're serious about climate action.



Future Energy Price Protection:

- ✓ Hedge against future power price hikes and volatility.



Long-Term ROI:

- ✓ Most systems pay back in 4 to 7 years and last over 25 years.



Property Value Increase

- ✓ Solar-ready buildings are increasingly attractive to tenants and buyers, adding long-term value to your site.

Example Project in Auckland



This high-efficiency solar system is engineered to reduce energy costs, minimize grid dependence, and maximize sustainability for your business. Featuring **premium components** and **industry-leading warranties**, it guarantees long-term savings, energy resilience, and a smaller carbon footprint.

Project Details

- **Property address:** East Auckland
- **Target Installation Date:** Q3 2024

System Specs:

- **System Size:** 293 kWp
- **System Cost:** \$342,940
- **Annual generation:** 368,362 kWh
- **Annual Savings:** \$89,358
- **Payback Period:** 4 years

Technology Used:

- **Solar Panels:** 481 x 610 kW Trina Panels (Tier 1)
- **Inverters:** 2 x 100kW Sungrow Inverter



Saving 30% on Energy Costs with Solar



Annual Energy Cost Savings: \$89,358

- Before Solar: \$294,592.98 per year
- After Solar: \$205,234.15 per year

30% of Energy Needs Now Supplied by Solar

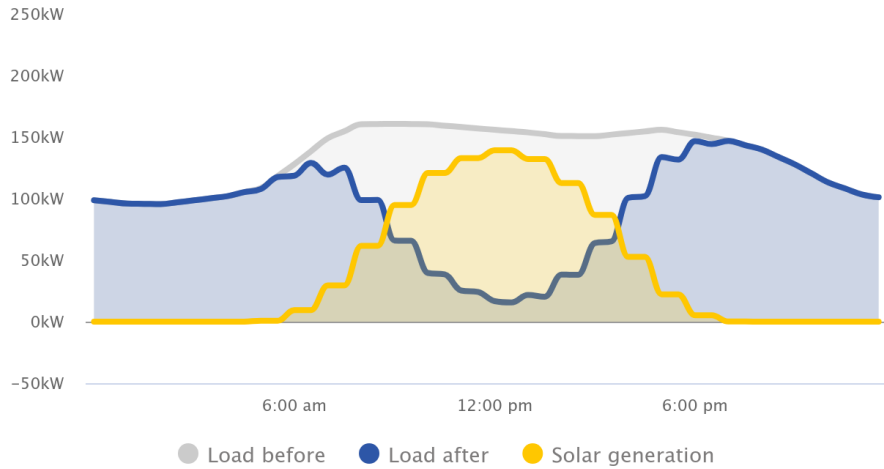
- 1,178,371 kWh → 826,853 kWh

4% Excess Solar Sold Back to the Grid

- 14,793 kWh exported, earning ~\$1,479 credit

Daily energy activity

Annual and monthly averages, Annual



Bill estimate All prices are excluding GST.

Bill without solution					Total Bill (ex.GST)
Bill period: 1 Jan 2024 - 31 Dec 2024					\$294,592.98
> Retail charges (ex.GST)					\$294,592.98
Volume charges					
Item	Quantity	Rate	MLF	DLF	Amount
Anytime	1,178,371.9 kWh	25c/kWh	1.0	1.0	\$294,592.98
Volume charges total					\$294,592.98

Notes: This bill uses an approximation of 30.5 days per month for time-based calculations.

Bill with solution					Total Bill (ex.GST)
Bill period: 1 Jan 2024 - 31 Dec 2024					\$205,234.15
> Retail charges (ex.GST)					\$205,234.15
Volume charges					
Item	Quantity	Rate	MLF	DLF	Amount
Anytime	826,853.9 kWh	25c/kWh	1.0	1.0	\$206,713.47
Export tariff	14,793.1 kWh	10c/kWh	1.0	1.0	-\$1,479.32
Volume charges total					\$205,234.15

Notes: This bill uses an approximation of 30.5 days per month for time-based calculations.

Breakeven In 4 Years, 21+ Years of Free Power After!



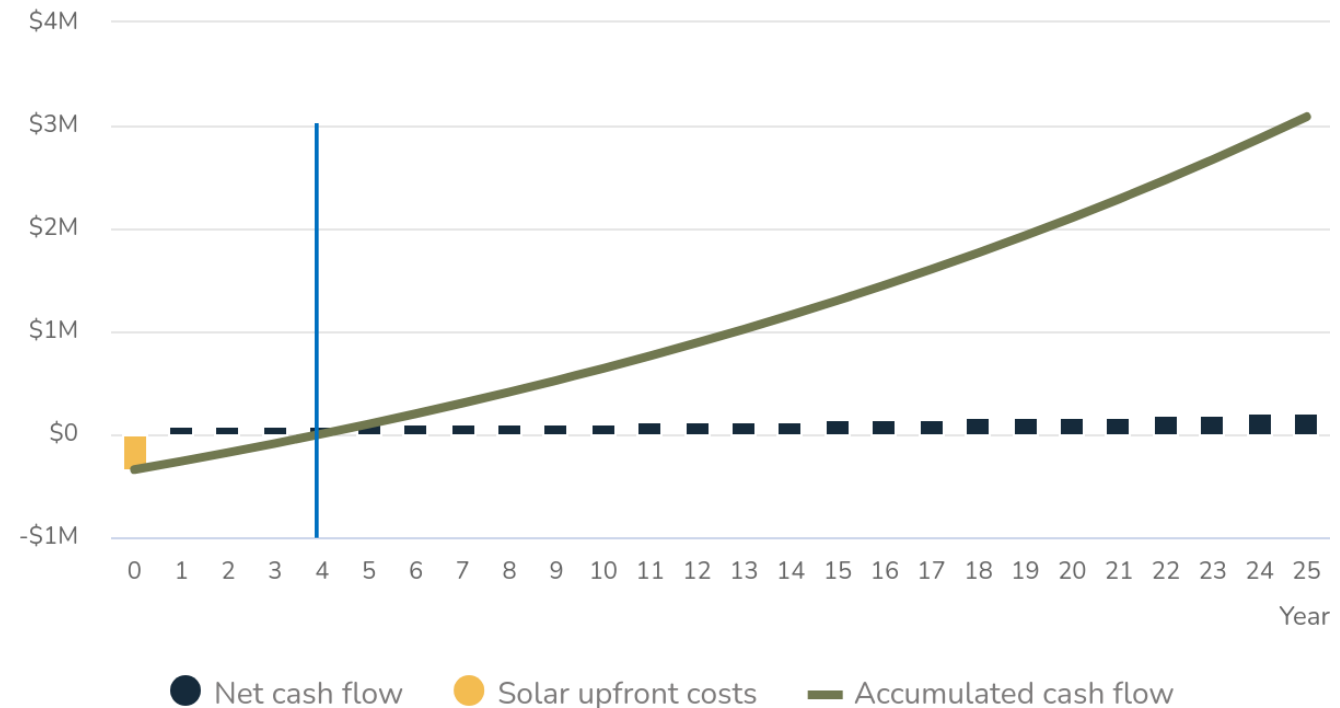
System Investment

\$342,940 excluding GST

Metric	With Solar
Annual Energy Cost Savings	\$89,359
Payback Period	4 years
Internal Rate of Return (IRR)	31 %
Total 25-Year Savings	\$3M+
Net Present Value*	\$1,450,000

Cashflow

Net & accumulated cashflows



*NPV represents the value of your solar investment in today's dollars, factoring in future savings. A positive NPV means this project generates significantly more financial benefits than it costs—making it a **highly profitable investment**.

Cut Carbon Emissions by 31% & Future-Proof Your Business with Solar

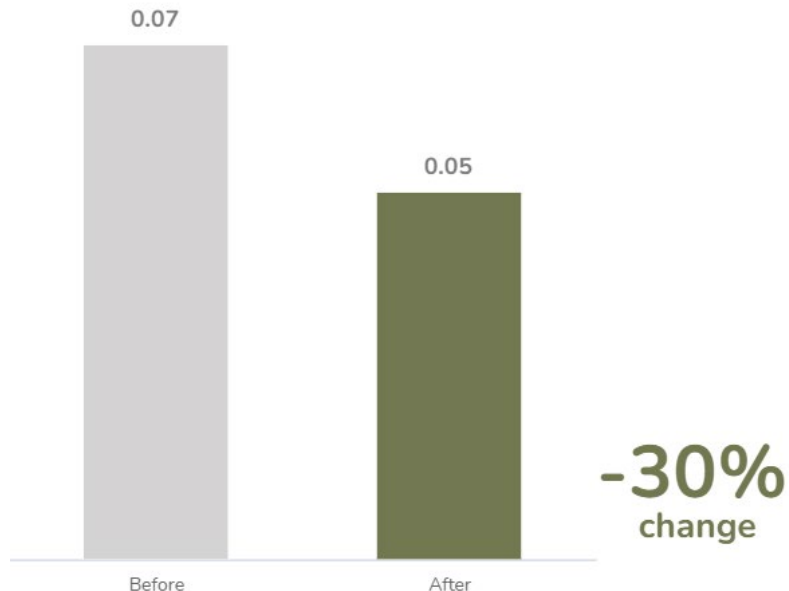


Solar energy dramatically reduces your company's carbon footprint, helping you meet sustainability goals while cutting costs and securing long-term energy independence.

Solar energy significantly reduces your business's carbon footprint.

Emissions intensity

Carbon dioxide per MWh consumed (tCO₂-e/ MWh), year 1 (Jan 24 to Dec 24) ⓘ



By switching to solar, your company can achieve:

Carbon emissions reduction

Various metrics, year 1 (Jan 24 to Dec 24)

Include emissions reduction from exports



31% reduction in carbon emissions ⓘ

24.3t tCO₂-e avoided per annum ⓘ

56 barrels of oil unburned (CO₂ equivalent) ⓘ

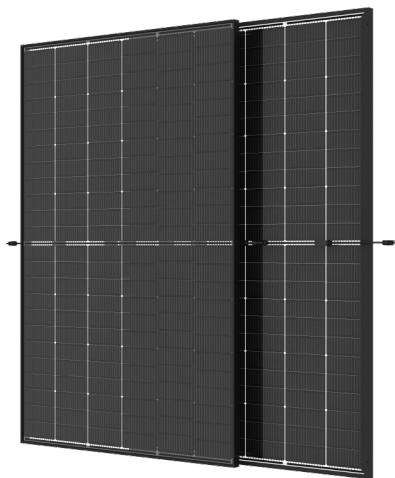
401.4 tree seedlings grown for 10 years ⓘ

Premium Solar Components Backed by Industry-Best Warranties



Panels: Trina 620 Vertex Monocrystalline Top-Tier Performance & Reliability

- ✓ Tier 1 solar manufacturer for 5 consecutive years.
- ✓ High-efficiency panels designed for maximum output and durability.
- ✓ **12-year product warranty, 25-year performance warranty.**
- ✓ 30-year expected lifetime, ensuring long-term energy savings.



Inverter: Sungrow 110 kW Smart & Versatile Energy Conversion

- ✓ Advanced inverter technology for seamless energy conversion.
- ✓ Optimized for high efficiency and long-term performance.
- ✓ **10-year product warranty, 12-year expected lifetime.**



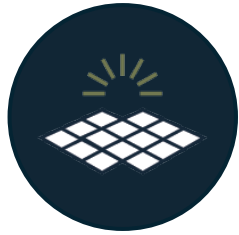
Monitoring: iSolarCloud: 24/7 Smart System Monitoring

- ✓ Real-time tracking of solar generation, energy use, and cost savings.
- ✓ Cloud-based platform ensures remote access anytime, anywhere.
- ✓ Detects and alerts for system performance issues instantly.



Poulter Group: Case Study

YouTube



Payback:
5.21 Years



System Size:
488 kWp
957 Panels



Annual Savings:
\$157,824



Client Name:
Poulter Group

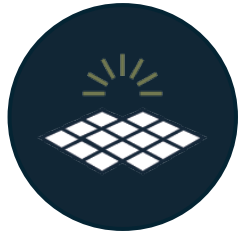
Location:
70 Kerrs Road, Wiri, Auckland

Date Completed:
November 2023

Poulter Group reduced energy costs by \$157,824 annually with a custom 488 kWp solar solution—paying for itself in just 5.2 years!

Golden Bay Solar Farm

Case Study



Breakeven:
7.42 Years



System Size:
1,469 MWp
2,880 Panels



Annual Earnings:
\$217,823



Client Name:
Golden Bay Solar Farm

Location:
Upper Tākaka, Tasman

Date Completed:
October 2023

Golden Bay Solar Farm installed a 1,469 MWp solar system with 2,880 panels, generating \$217,823 annually. With a 7.42-year payback period, this system provides long-term energy revenue and sustainability benefits.



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