Reducing Global Footprint, One Roof at a Time

CHALLENGE

Offset daytime energy consumption without disrupting work during business hours

SOLUTION

Integrate Enphase technology into the system's design for easy installation and interactive monitoring

RESULT

System to pay for itself in just four years with estimated 60% reduction in power bills

"We choose Enphase because it has the best microinverters and monitoring software in the market."

— Brett Bidwell
COO and PV Engineer
Energy Puzzle Group, subcontractor to Energy Matters / SunEdison

With six offices in Australia, three in Europe, plus a network of international partners, the Polyglot Group — like any other global business — leaves a trail of carbon footprints all across the globe. The best way to combat their large energy consumption during working hours was to turn solar… and they're not turning back.

Green Energy Translates into Real Savings

The Polyglot Group is home to passionate professionals who offer cross-cultural solutions to businesses across all industries, helping companies to expand and optimize their local operations with ease. Now they're optimising their own business by going solar.

For office buildings, it's normal to run air conditioners daily in the summer and heaters daily in the winter. Unfortunately, high electricity costs are also normal and

leave companies with a large utility bill every month. The Polyglot Group relied on Energy Matters / SunEdison, to install a renewable solution that turns golden sunshine into golden dollar coins.

Handpicked Technology

"Prior to installation, both companies committed resources to check the design layout, confirm the return on investment calculations, and ensure prompt equipment delivery," said Jan Rieche, Polyglot's internal renewable energy advocate, who heads up the company's global Renewable Energy and Engineering business. "Enphase also demonstrated unparalleled support when they sent a technical engineer to the site to help us activate the system's communications and monitoring software."

One major concern of the Polyglot Group with adding solar was that the installation process would be noisy and disruptive to the business as well as to the people working in the office during the day.

"Enphase's easy-to-install technology allowed for a fast installation, and the collaboration between Enphase and the installer went smoothly and efficiently, with no disruption to our business at all," said Rieche.

Making Solar a Feel-Good Project

Aside from saving money and reducing dependency on electricity from the grid, the Polyglot Group experienced personal benefits from the decision to go solar.

INSTALLATION SUMMARY

Client **Polyglot Group**
Location **Sydney, Australia**
Completion Date **August 2014**
Installer **Energy Matters/SunEdison (subcontractor Energy Puzzle)**
System Size **14.39kW**
Microinverters **Enphase M215**
Modules **Yingli Panda 265 + Poly 250**

About Enphase Energy

Enphase Energy revolutionises solar power generation with industry-leading technology innovation. Enphase's proven microinverter technology maximises production of each module, which works together with advanced communications hardware and an intelligent software platform to deliver a reliable, high-performance solar array.

Image courtesy of Yingli Solar

The Polyglot Group's internal Manager for Renewable Energy and Engineering clients made a strong case for solar that couldn't be ignored.

"The awareness of renewable energy, energy saving, and recycling has always been a high priority for our organisation, but the installation process and especially Enphase's monitoring software really allowed us to get involved in a new way," said Rieche. "We're also planning to use Enlighten to display the system's production on our website so the public can see not only that we have solar, but see the impact it is making."

The Polyglot Group's new system is estimated to pay back the investment in full in four years, and provide an ongoing 60% savings on electricity costs.

To find how Enphase can help cut your energy bills and carbon footprint, visit **enphase.com/au.**

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