diffuse energy™

Reliable access to power when your business needs it most.

Small wind makes sense

Switch today to access smarter, cleaner, more independent energy

Increased effects of climate change have put a spotlight on the need for greater energy resilience and a reduction in carbon emissions.

Every organisation has a role to play in achieving this mission.

Clean wind energy is currently under-represented in microgrids and offers significant opportunity to diversify against the risk profile of diesel and solar PV generation.

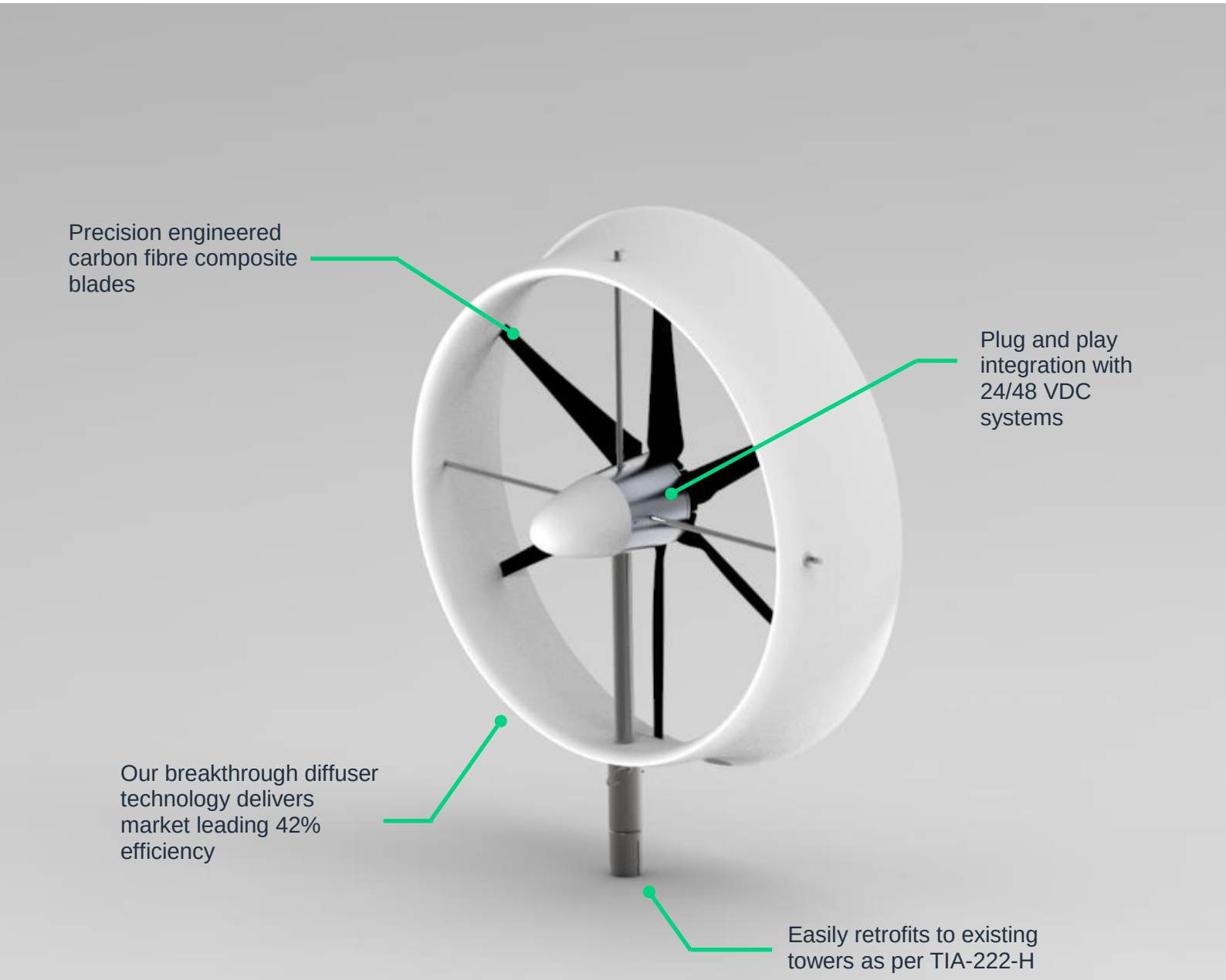
Small wind is complimentary to solar and an ideal way to accelerate your transition to reliable, sustainable power and reduced operating costs.

> **“The global capacity of small and medium wind turbines is expected to grow from 176.4 MW in 2017 to 446 MW in 2026.”**

	Diesel	Solar	Wind
No fuel supply required	✗	✓	✓
Free from greenhouse gas emissions	✗	✓	✓
No ongoing maintenance costs	✗	✓	✓
Can generate at night or during cloudy seasons	✓	✗	✓
Efficient use of space	✓	✗	✓
Low up-front capital cost	✗	✗	✓
Intermittency of generation	None	Medium	Medium

Smart, safe and scalable – meet the Hyland 920

Our lightweight and powerful Hyland920 turbine has been developed in direct consultation with leading wind energy experts and off-grid customers. Seamlessly integrated with your existing infrastructure, they enable the transition from diesel power generation to cheaper, more independent, safe and environmentally friendly wind power, overnight.



We make small wind easy

Dispatched in a day, attached in an hour and operational for a lifetime. Our turbines feature:

- Plug-and-play 24/48 VDC electrical generator
- High efficiency – twice the output of current small wind turbines
- Designed from 20+ years of research and development
- Backed by a lifetime service agreement

The Hyland 920 is designed in Australia for even the toughest off-grid conditions.

From telecommunications to agriculture, mining, remote monitoring and data logging sites, compact wind turbines can help reduce operating costs and improve energy resilience.

Case study – unlocking savings for diesel/solar PV hybrid systems

Power supply for remote sites is critical

Our telecommunications customer operates a site at Mt Hyland, NSW with a load of 18 kWh/day. The site generation systems consist of an existing 5.5 kVA diesel generator, a 2.9 kW solar PV module, and a 1,000 Ah battery (48 V).

Space restrictions prevented installing additional solar PV modules. Over-specifying battery capacity is costly.

By incorporating a Hyland 920 wind turbine system, they saw an average diesel offset of 2.1 kWh of per day.

Time between battery life charge cycles was increased by 25%, from 48 hrs to 60 hrs, reducing battery wear and tear.

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Contact us to see how we can help you switch to smarter, smaller wind power today

Send email

Visit website