

## HyEnergy® Potential HVDC Link could Transform Australia's Clean Energy Future

**Province Resources Ltd** (NSX: PRL) (**Province** or the **Company**) is pleased to share early-stage plans for what could be a major strategic opportunity with its flagship HyEnergy® Project. The potential development of a c. 2,800 km High Voltage Direct Current (**HVDC**) transmission link connecting the world-class wind and solar resources of Western Australia's Gascoyne region to the East Coast power grid.

The Company has engaged with sitting members, and representatives from the Prime Minister's and Energy Minister's offices and the Company expects these discussions to continue.

This bold renewable energy vision, if progressed, with its HVDC backbone could provide a scalable platform for future clean energy expansion and firming technologies, enabling Australia to meet its 2030 and 2050 emissions targets. If realised, affordable clean energy from this initiative could underpin the "Future Made in Australia" policy of the Albanese Federal Government to become a reality and position Australia as a renewable energy Superpower.

### Project Summary

#### Nation-Building Infrastructure

The HyEnergy® HVDC East Coast Power Opportunity is being assessed as a nation-building initiative designed to deliver over 20,000 GWh per annum of low-cost, renewable energy from a combined 6 GW wind and solar generation hub in WA to demand centres in South Australia, New South Wales and Victoria. Supported by more than \$12 million in technical and environmental studies, the project concept builds on:

- **6 GW of generation** - 3 GW wind + 3 GW solar from WA's Gascoyne—Australia's top-ranked on-shore region for renewable capacity factors
- **4.15 GW HVDC transmission** - Proven, globally deployed technology across 100+ projects
- **Over \$12 million** - already invested in feasibility studies, environmental assessments, and community engagement
- **Strong support** - from Traditional Owners, local communities, and regional stakeholders

### Strategic Importance

The project could unlock several strategic benefits to the nation, including defence:

- **Clean Energy Backbone** - A scalable link for Australia's future hydrogen, ammonia, and green manufacturing industries.
- **Time-Zone Advantage** - WA solar generation complements East Coast evening energy demand.
- **Price** – Renewable energy untethered from fossil fuel price volatility allows Australia to compete with lower cost production centres and provide affordable electricity to millions of Australian families.
- **Energy Security** – Potential benefits for defence surveillance and communication infrastructure on the NW Cape, including aviation fuel production as a byproduct of a potential second stage Hydrogen production facility.
- **Job Creation** - Thousands of construction and long-term operational roles across the Commonwealth of Australia.
- **No new nuclear, no new coal** - A real alternative to small modular nuclear reactors or fossil-based baseload options.
- **Green Hydrogen Enabler** – Curtailed power could allow for competitively priced hydrogen production

#### **Risks Managed, Momentum Building**

With favourable terrain, minimal environmental obstacles, and clear government policy alignment, the HyEnergy® HVDC Link is potentially a low-technical-risk project backed by real-world data and global precedents. Project phasing ensures integration of the best available technologies, with options for firming via gas, batteries, or hydrogen.

**Province Managing Director, David Frances, stated** *“HyEnergy® is not just another renewable project — it has the potential to underpin a future, integrated Australian energy network. This is a once-in-a-generation opportunity to connect these unsurpassed renewable resources to the largest energy markets in a way that benefits all Australians.”*

**-ENDS-**

This announcement has been approved by the Board.

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