



# VOLTGROUP

ASX:VPR

## AGM Presentation

27 May 2025

# Volt Power Group Proxy Results

(Votes 'M)

**VOLT**GROUP

		For		Against		Abstain	
		Votes	%	Votes	%	Votes	%
<b>RESOLUTION 1</b>	REMUNERATION REPORT	<b>2,700.2</b>	99.48	<b>12.1</b>	0.45	<b>1.9</b>	.07
<b>RESOLUTION 2</b>	RE-ELECTION OF MR PAUL EVERINGHAM AS A DIRECTOR	<b>4,229.8</b>	99.27	<b>0.9</b>	0.02	<b>30</b>	0.70
<b>RESOLUTION 3</b>	APPROVAL OF EMPLOYEE INCENTIVE PLAN	<b>1,245.3</b>	96.35	<b>17.2</b>	1.33	<b>30</b>	2.32
<b>RESOLUTION 4</b>	ISSUE OF OPTIONS TO MR ADAM BOYD UNDER THE PLAN	<b>1,235.3</b>	95.57	<b>27.2</b>	2.10	<b>30</b>	2.32
<b>RESOLUTION 5</b>	ISSUE OF PERFORMANCE RIGHTS TO MR PAUL EVERINGHAM UNDER THE PLAN	<b>1,245.3</b>	96.35	<b>17.2</b>	1.33	<b>30</b>	2.32
<b>RESOLUTION 6</b>	ISSUE OF PERFORMANCE RIGHTS TO MR PETER TORRE UNDER THE PLAN	<b>1,245.3</b>	96.35	<b>17.2</b>	1.33	<b>30</b>	2.32
<b>RESOLUTION 7</b>	ISSUE OF PERFORMANCE RIGHTS TO MR SIMON HIGGINS UNDER THE PLAN	<b>1,245.3</b>	96.35	<b>17.2</b>	1.33	<b>30</b>	2.32
<b>RESOLUTION 8</b>	CONSOLIDATION OF CAPITAL	<b>4,214.4</b>	98.92	<b>46.2</b>	1.08	-	0
<b>RESOLUTION 9</b>	CONFIRMATION OF APPOINTMENT OF AUDITOR	<b>4,259.8</b>	99.98	<b>0.9</b>	0.02	-	0
<b>RESOLUTION 10</b>	SECTION 195 APPROVAL	<b>4,212</b>	98.86	<b>12.2</b>	0.29	<b>36.5</b>	0.86

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# Corporate & Management

## Capital Structure

Shares on issue	10,717M
Options on issue	210M
Market Cap (@ \$0.001/Share)	\$10.7M
Cash (@ 21 May 2025)	\$1.8M
Debt (@ 21 May 2025)	\$0.2M
Enterprise Value	\$9.1M

## Board



**MR ADAM  
BOYD**  
Executive Chairman



**MR PAUL  
EVERINGHAM**  
Non-Executive Director



**MR PETER  
TORRE**  
Non-Executive Director



**MR SIMON  
HIGGINS**  
Non-Executive Director

## Management



**DAVE  
SHARP**  
GM, EcoQuip

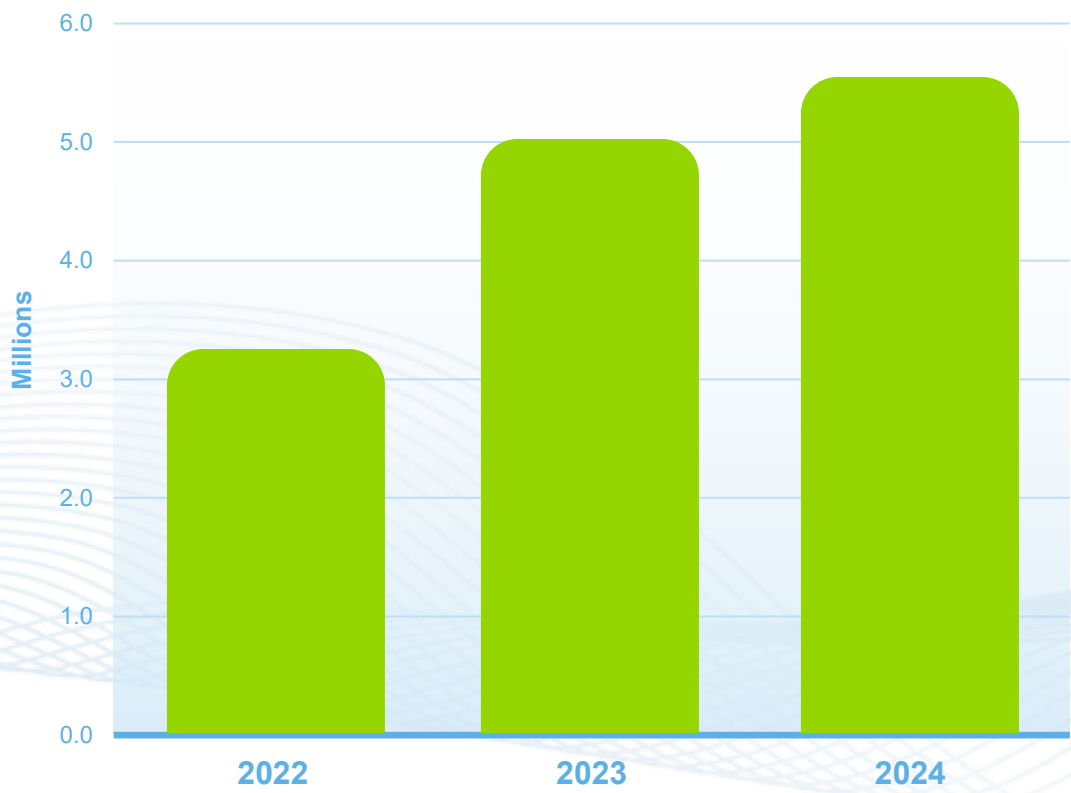


**ADELA  
CIUPRYK**  
Chief Financial Officer

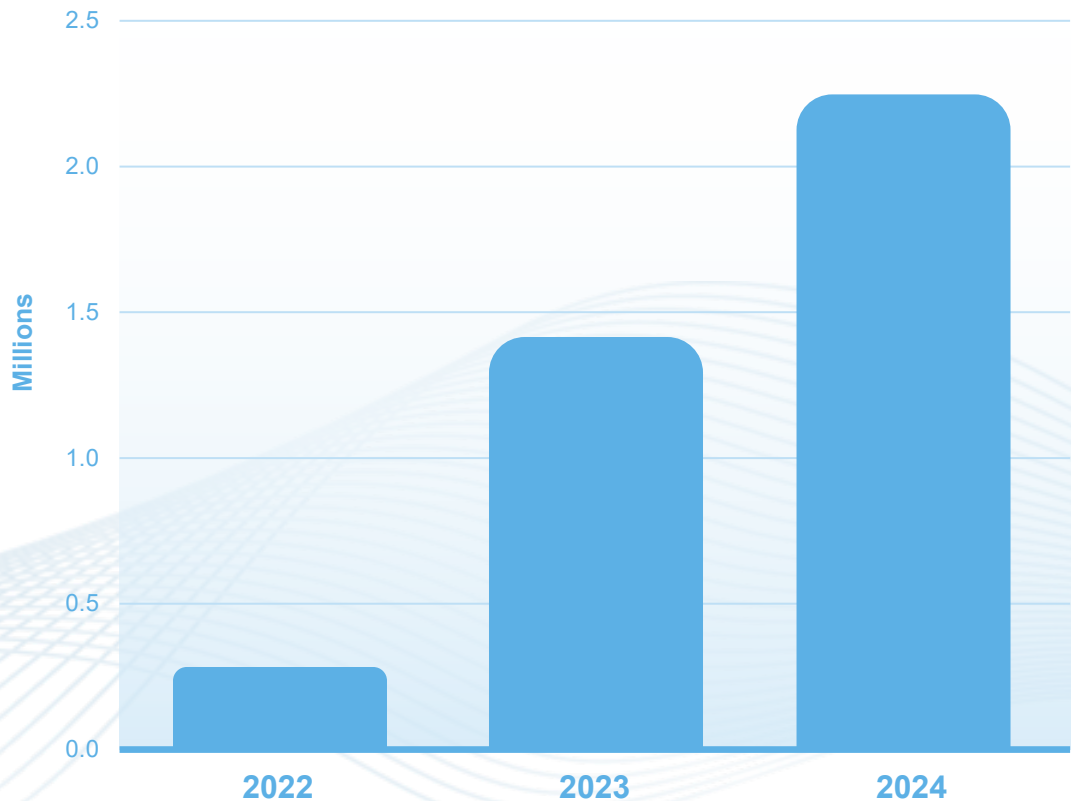


# FY24 Financial Highlights

Revenue



Adjusted EBITDA

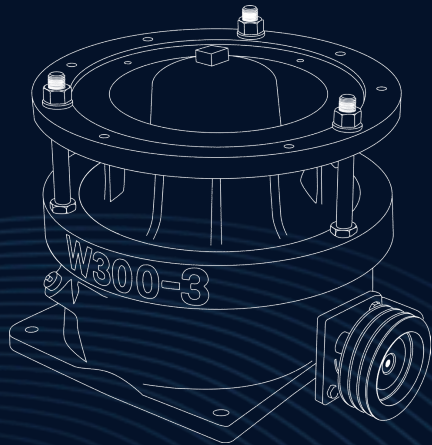


# Business Overview

**VOLT**GROUP

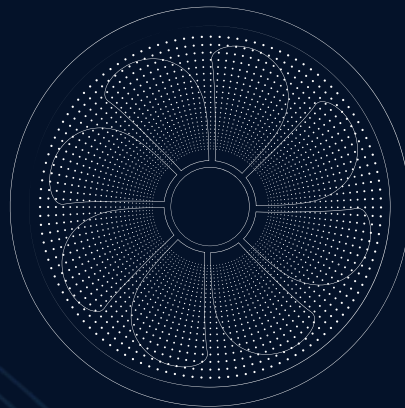
Volt Group Limited (ASX: VPR)

“An industrial technology OEM developing next-generation mining equipment solutions and ESG focused, zero emission energy technologies that reduce costs with scalable growth potential across global markets”



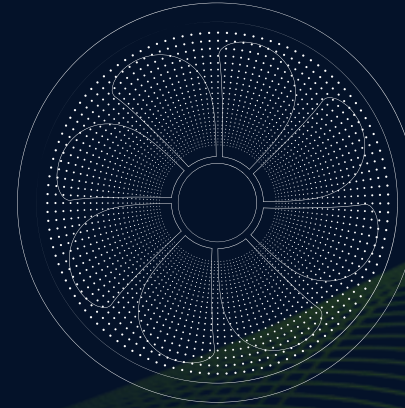
**WESCONE**

The Resource Sector Sample  
Crushers Benchmark



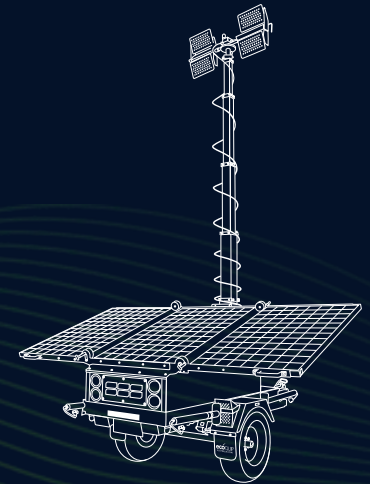
**ATEN**

Lowest Cost, Zero Emission  
Baseload Power



**HYTEN**

Lowest Cost, Zero Emission  
Hydrogen



**ecoQUIP**

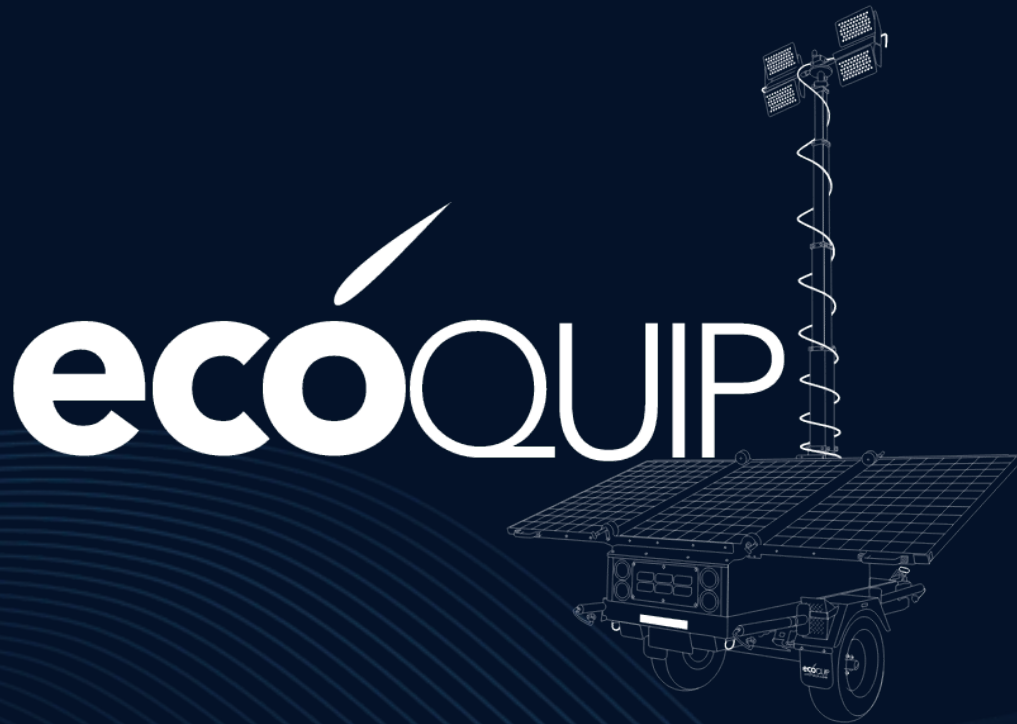
Mobile Solar Light &  
Communications Towers

# ECOQUIP

## Zero Emission Mobile Light & Comms Tower

~50% cheaper than traditional diesel solutions

**VOLT**GROUP



**EcoQuip** OEM solutions (patent pending) deliver:

- Market-leading illumination performance
- ~50% cost savings vs trad diesel light plant
- Military-spec build quality & high reliability
- Technology Platform that delivers real-time telemetry, remote control, data analytics and pre-emptive Ai performance notifications

**EcoQuip light & communication solutions are scalable with growth opportunities across global markets and industries.**

# ECOQUIP

## Technology Platform & Equipment Solutions

**VOLT**GROUP

The EcoQuip Technology Platform developed with US domiciled aerospace electronics, power management, software and illumination experts

Breaks new ground on charge / performance efficiency, illumination footprint & active / predictive Ai software capabilities

The autonomous platform is deployed in four EcoQuip solutions:

1. **Mobile Solar Light Tower** – power budget & illumination performance to displace diesel fuel traditional solutions
2. **Mobile Solar Communications Tower** – power budget to support ‘mission critical’ autonomous mining network reinforcement
3. **Mobile Solar Environmental Tower** – remote camera surveillance, movement & noise monitoring / telemetry
4. **Mobile Remote Surveillance Tower** – remote AI camera live satellite surveillance

# High Performance No Compromise





# ECOQUIP

## Capabilities for the 'Mines of the Future'

**VOLT**GROUP

### Customer Cloud Portal

Real-time, cloud-based data telemetry reporting via web-enabled client portal with remote-control capability via Wi-Fi, 4G & Satellite

### Proprietary Solar / BESS Energy storage system

22KWh BESS – Lithium Ferro Phosphate

### High Performance Luminaires

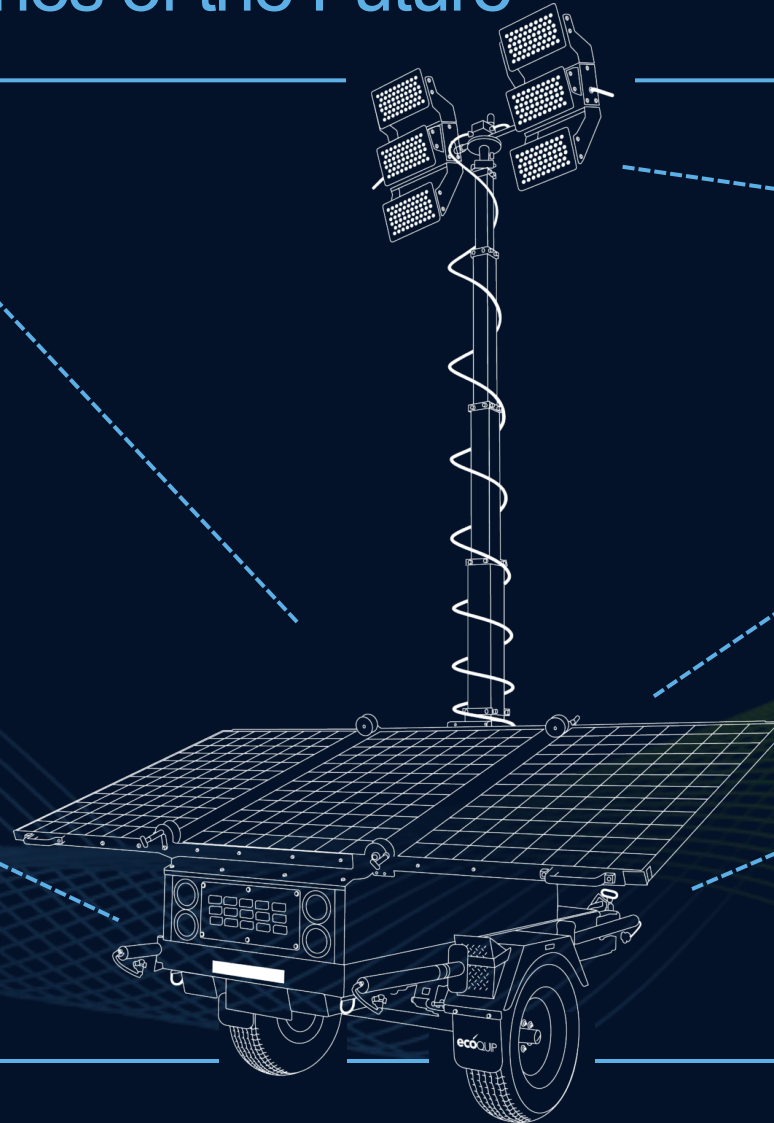
Uniquely developed OEM 'high efficiency' illumination technology to optimise work area lux footprint

### Military-Grade Fab & Coatings

Built to US military specification quality

### Proprietary Power Management Controller

~40% enhanced efficiency with multiple diagnostic & notification capabilities and remote notifications



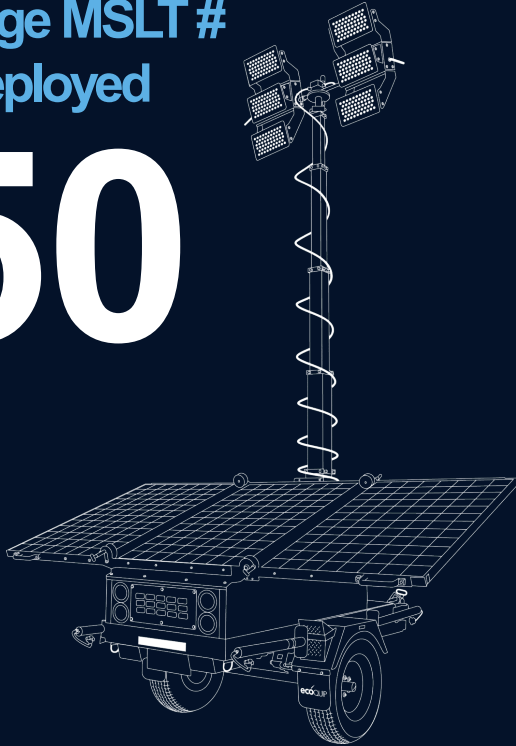
# ECOQUIP Case Study

## Barrow Island Deployment

**VOLT**GROUP

Average MSLT #  
Deployed

50



Average Time On Per Day



10  
Hours

Deployment Period

~3 years

Total Diesel Saved

1,056,000 Litres

Total CO<sub>2</sub> Abated

~3,200 Tonnes

Net Total Cost Saved Vs Diesel (\$A)

3,750,000

“

*A fantastic result... we all love the solar towers both from an environmental perspective and utility perspective. They are so useful, easy to use and the options / control we have over them with the dashboard, timing and other settings is just fantastic.*

”

# EcoQuip Commercial Landscape

## Salient Deployments and High-Potential Opportunities

**VOLT**GROUP



55x MSLT deployed to Barrow Island with growth potential.

Chevron USA MSLT demonstration deployments ongoing.



Extended 2+ year trial with negotiations advancing. Significant deployment at BHPIO Pilbara operations.



"Evergreen" contract signed with initial 2x MSLT deployment at Olive Downs and site-by-site rollout strategy. MSCT deployments expanding to ~12x.



Initial demonstration trials successfully matured to formal demonstration contract execution. Formal 8x MSLT demonstration underway.



Initial demonstration trial advanced to formal demonstration trial contract execution. Formal 2x MSLT demonstration underway.



New engagement. EcoQuip has a market-leading, zero-emission lighting solution capable of displacing traditional diesel lighting plants.

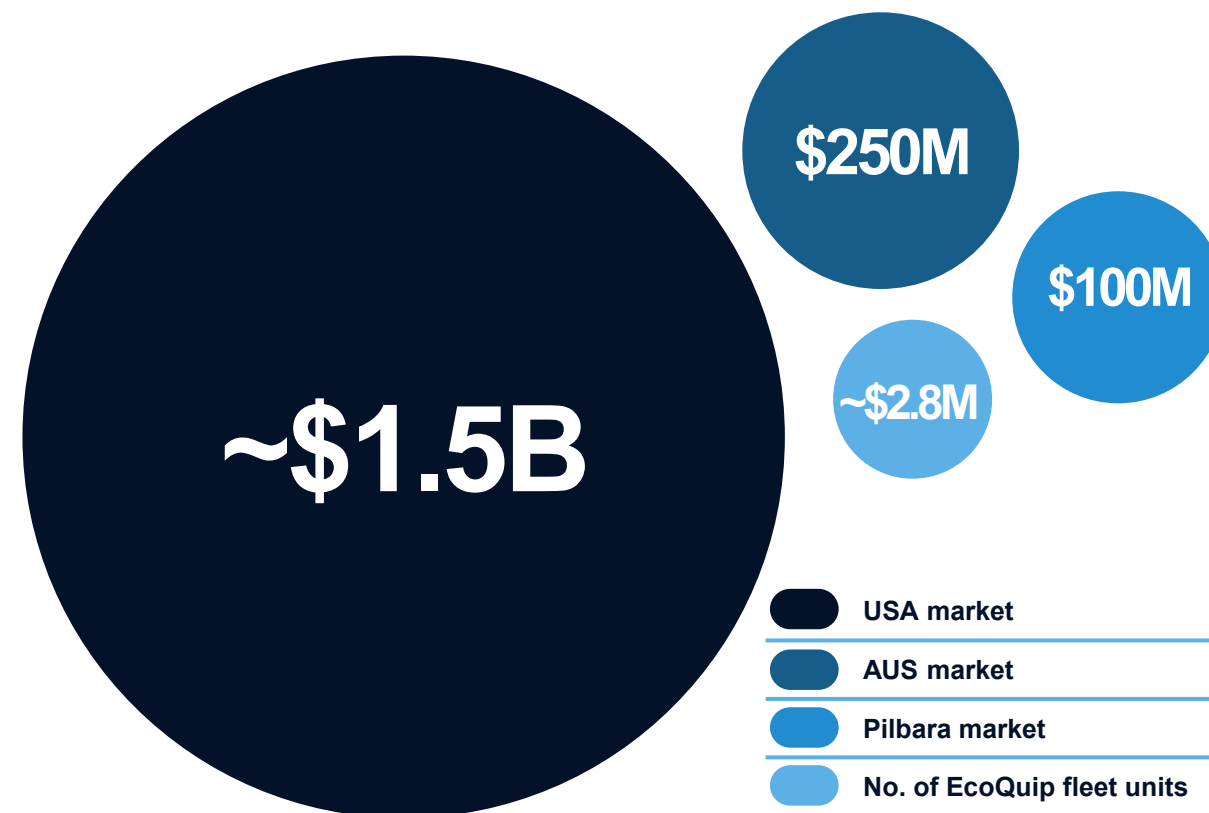
# ECOQUIP

## Market Opportunity

**VOLT**GROUP

### Large Total Addressable Market in WA/Pilbara & USA market

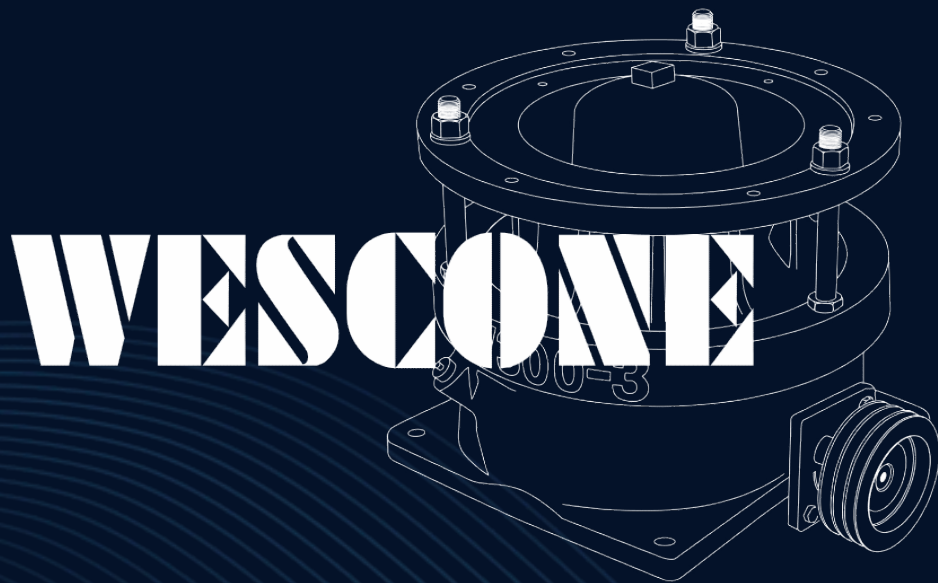
- **EcoQuip** has ~80 units deployed across Chevron, Thiess, BHP, Macmahon, Westgold, Evolution and growing
- **EcoQuip** run-rate revenue today of ~\$2.3m per annum (FY24 revenue growth 55%)
- Advanced manufacture of additional 30 MSLTs for deployment in Q3 2025
- Pilbara market ~4,000<sup>1</sup> light towers - \$100m+ p.a. revenue potential
- Large addressable market in Australia across resources, construction / infrastructure and defence applications
- Significant market opportunity in the southern states of USA



<sup>1</sup> EcoQuip management estimate

<sup>2</sup> Light Tower research report by [www.researchandmarkets.com](http://www.researchandmarkets.com)





**Wescone** OEM Sample Crusher solutions (patented) deliver:

- market leading single pass high through put performance – 6tph (15:1 reduction)
- Maximum reduction ratio up to 25:1
- Long lifecycle duration
- Robust build quality

**A 25+year history integrated into iron ore sector ISO3082-accredited sample systems. Wescone crushers have an established market presence and global growth opportunities.**

# WESCONE

## The Product

**VOLT**GROUP

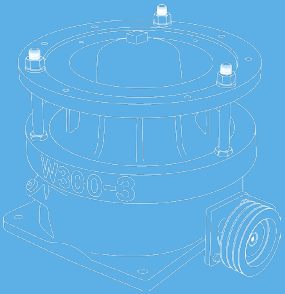
- **Wescone** manufactures the proprietary W300 sample crusher range and sample crushing solutions for the mining, mineral processing and assay laboratory industries.
- The **Wescone** W300 range comprises three alternative sample crushers with unique dimensional feed acceptance capabilities.
- **Wescone** has a 25-year track record of supplying the global iron ore industry as an embedded component of ISO3082 accredited sample systems
- **Wescone** sales total 300 x W300 crushers across three continents



# WESCONE

## Australian & African Market Developments

**VOLT**GROUP



**Successful R&D program**  
extend lifecycle & increased moisture  
spec of Wescone W300 range

**BHP** RioTinto

**Received positive feedback**  
from largest customers

**MIT-GROUP**  
MINERAL INNOVATIVE TECHNOLOGIES GROUP

**Secured new African**  
distribution partner, Mineral  
Innovative Technologies  
MIT brings 10-year track record in  
sample preparation equipment and  
laboratory systems

**BHP** 

 **AngloAmerican**

 **Fortescue**

 **ASSMANG** **RioTinto**

**GLENCORE**

**SOLID Tier 1**  
customer base

**Supplied to new Rio**  
**Tinto & BHP projects**  
**during 2023 - 2025**

(Gudai Darri, Cape Lambert Lab,  
South Flank, Western Ridge)

 **AngloAmerican**

**8x new crushers**  
supplied to Anglo American SA  
located iron ore mines in 2024

**New W300 prototype**  
deployed in the Pilbara with  
high moisture feed  
capability – sites  
encountering water table /  
dust suppression



# ATEN Waste Heat to Power

PowerGen efficiency, affordability & hybrid network stability

**VOLT**GROUP



The **ATEN System** recovers exhaust waste heat energy from existing open cycle gas turbine power stations to generate incremental, zero-emission, baseload power.

**ATEN** complements renewable hybrid / gas fueled networks via significantly lower cost, enhanced network stability and reduced carbon intensity vs solar/wind/BESS alone.

**ATEN** drives energy efficiency to reduce gas consumption and carbon intensity of gas fueled power generation by 15 – 30% (enhanced efficiency).

**The energy efficiency pathway to lowest cost, zero emission baseload power.**



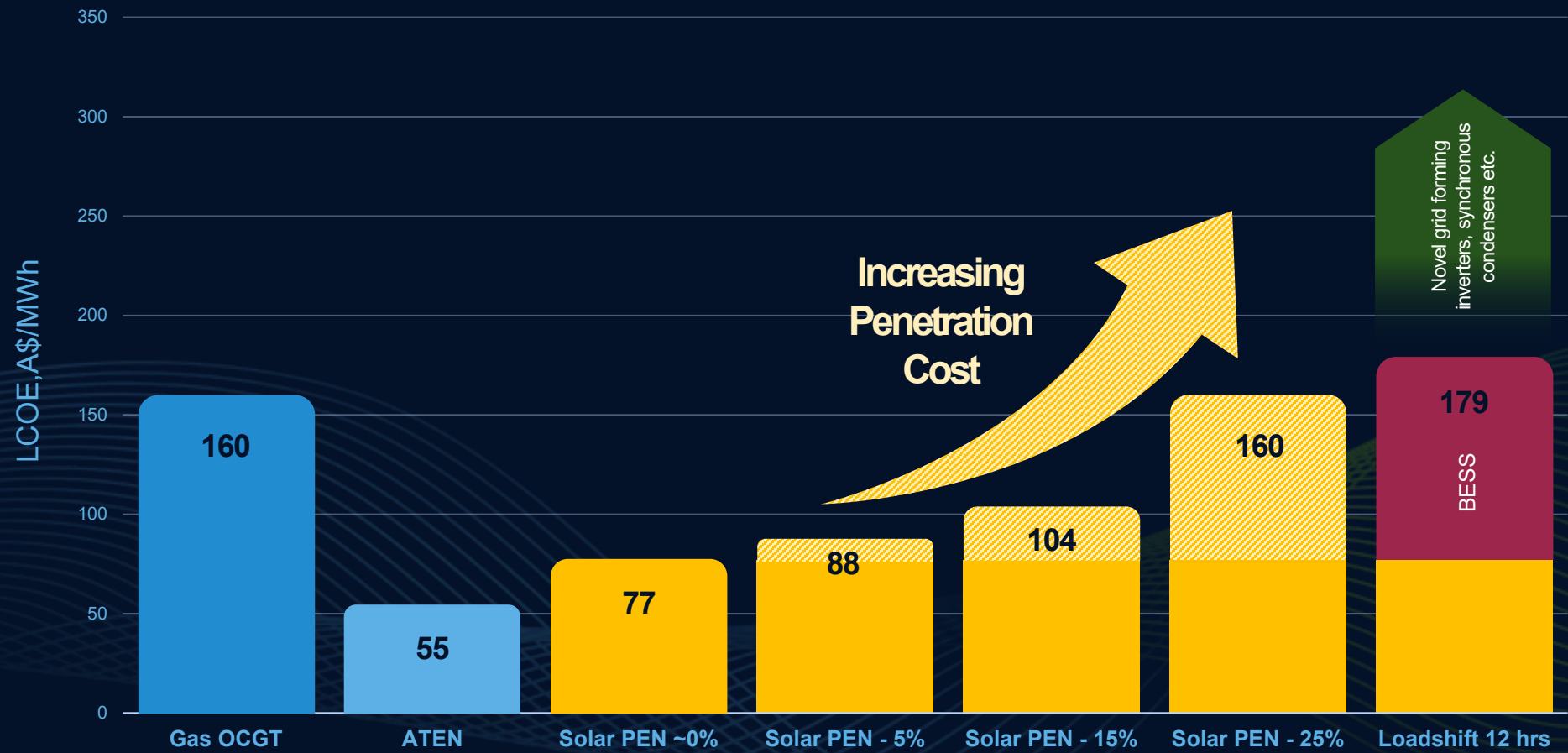
### ATEN (Accretive Thermal Efficiency Node)

**“a unique combination of proven energy recovery sub-systems in a patented configuration”**

- Baseload, zero emission incremental electricity for a ~60% lower CAPEX and ~50% lower lifecycle cost Vs annual generation equiv. solar and wind.
- ~15 - 30% capacity and generation increase with zero additional fuel gas use.
- Compatible existing solar / wind / gas hybrid systems connected to remote off-grid and on-grid electricity networks.
- Enhances OCGT energy efficiency - critical to supporting the Renewables Roll-out and mission critical industrial process emission reduction.



The ATEN Value Proposition (A\$ LCOE comparison)



- 1. OCGT LCOE - GE LM6000 @ A\$9/GJ for fuel gas
- 2. ATEN LCOE - ~A\$4.4M/MW CAPEX - 2022 Pre-feasibility Study (inc. Remote Install CAPEX Adj +30%). Utilisation 95% (Baseload)
- 3. Solar LCOE - A\$2.5M/MW(AC) CAPEX - 2021 IRENA Solar Generation (inc. Remote Install CAPEX Adj +30%); Utilisation - 28.5% (Intermit.)
- 4. BESS CAPEX - ~A\$0.58M/MWh - 2023 CSIRO Gen Cost Study
- 5. Solar System Integration LCOE for 5%, 15% & 25% Penetration - 2023 Rystad Energy, Asian Region Energy Security, ANGEA Study
- 6. LoadShift 12hrs LCOE - Solar & 12xMWh BESS CAPEX per Notes 3 & 4 above. 88% Round Trip Efficiency
- 7. ARENA LCOE calc method @10% disc rate
- 8. Legislated Subsidies - A\$30/SMC & A\$40/REC
- 9. Network connection & ancillary services CAPEX excluded
- 10. A\$ : US\$ FX - 0.68

# ATEN - Meeting WA's Energy Transition Challenges

## SWIS Advantages

**VOLT**GROUP

- The WA South-West Interconnected System (SWIS) forecast to require increased, high utilization gas generation by 2027 to mitigate supply / stability risks
- Why? Increased electricity demand, Renewables roll-out delay, coal closures and slowing gas development (approval delays / govt. policy risks)
- ATEN can leverage existing SWIS OCGT power station site grid & gas pipeline infrastructure including reduced site approval requirements to deliver:
  - Incremental baseload, zero emission, dispatchable capacity (+15-30%)
  - Improves OCGT generation cost competitiveness / merit order despatch
  - Support Renewables roll-out (stability, inertia, dispatchable)
  - Reduced OCGT carbon intensity (Offgrid – Safeguard Mech. / On Grid - ?)
- Aligns with WA and Federal Government energy transition strategy and reducing cost, CO2 emission without increased weather dependency risk.
- Rapid construction timeline (18 months) helps address immediate SWIS capacity needs





# ATEN - Solving Energy Transition Challenges

## Energy Efficiency Technology – More Capacity no Emissions

SWIS Challenge		ATEN Solution
Coal retirement by 2030 creating 1GW+ capacity gap	→	Adds 20-30% more capacity to existing OCGT assets without new infrastructure
SWIS faces 391MW capacity shortfall by 2027-28, growing to 2,880MW by 2033-34	→	Increases certified capacity for SWIS Reserve Capacity Mechanism (~\$5M/year additional capacity credits per 20MW ATEN installation)
WA Government targeting 80% emissions reduction by 2030	→	Reduces carbon intensity of OCGT fleet by 15-25% immediately (from ~0.6 to ~0.5 tCO <sub>2</sub> /MWh)
Rising gas prices in WA (\$9-12/GJ) affecting OCGT dispatch economics	→	Zero ATEN fuel gas use delivers significant electricity generation cost savings Vs gas generation
OCGT merit order position threatened by renewable penetration	→	Improves heat rate (i.e.: from ~9,500 to ~8,000 kJ/kWh), enhancing dispatch competitiveness
Uncertainty in long-term OCGT revenue as SWIS transitions	→	Enhances OCGT despatch merit order through reduced cost of generation



# ATEN Concept Study – 2x WA Power Stations

## Kemerton & Kwinana OCGT Opportunities

**VOLT**GROUP



### Kemerton Power Station (310 MW) - Ratch

<b>New ATEN Capacity (max):</b>	~ 80MW
<b>Kemerton OCGT utilization:</b>	80% from 2028 – 2035, then declining
<b>AT EN Annual Generation:</b>	~560GWh from 2028 – 2035, then declining
<b>Base Case<sup>1</sup> NPV / Project IRR:</b>	\$242 million / ~24%
<b>CO<sub>2</sub> abated (gas displaced):</b>	~4 million CO <sub>2</sub> t (20-Year Project Life)
<b>ATEN LCOE &amp; Marginal Gen Cost:</b>	\$48/MWh & \$30/MWh
<b>Net Cost / (Saving) per CO<sub>2</sub>t abated:</b>	(\$125) / CO <sub>2</sub> t

<sup>1</sup> disc. rate 9%; SWIS RCP - \$250,000/MW/a; Power sales price - OCGT variable generation cost; Gas price: \$9/GJ; Nil CO<sub>2</sub> abatement credits



### Kwinana Power Station (200 MW) - Synergy

<b>New ATEN Capacity (max):</b>	~ 25MW
<b>Kemerton OCGT utilization:</b>	80% from 2028 – 2035, then declining
<b>ATEN Annual Generation:</b>	~170GWh from 2028 – 2035, then declining
<b>Base Case<sup>1</sup> NPV / Project IRR:</b>	\$53 million / ~18%
<b>CO<sub>2</sub> abated (gas displaced):</b>	~1.15 million CO <sub>2</sub> t (20-Year Project Life)
<b>ATEN LCOE &amp; Marginal Gen Cost:</b>	\$56/MWh & \$30/MWh
<b>Net Cost / (Saving) per CO<sub>2</sub>t abated:</b>	(\$94) / CO <sub>2</sub> t

<sup>1</sup> disc. rate 9%; SWIS RCP - \$250,000/MW/a; Power sales price - OCGT variable generation cost; Gas price: \$9/GJ; Nil CO<sub>2</sub> abatement credits

# Investment Case: Volt Group

## The Right Products in the Right Industries, Right Now

**VOLT**GROUP

VOLT OEM technologies enable government and industry asset owners to reduce costs, improve operational efficiency, and deliver on emissions targets.

VOLT OEM equipment delivers solutions for industries of the future, today.

innovate | create | deliver



The background features a series of overlapping, wavy lines in shades of blue and green, creating a sense of motion and depth. The lines are thin and densely packed, forming a mesh-like pattern that flows across the frame.

# VOLTGROUP

ASX:VPR

[voltgroup.com.au](http://voltgroup.com.au)