

# **BORNERBERGY, ON DEMAND**

**FY21 Financial Results Presentation** 

Approved by the Board of Genex Power Limited

# Diverse Renewable Energy base

Portfolio of renewable energy generation and storage projects

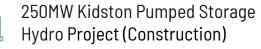
Revenue substantially underpinned by long-term contracts

- 100MW of operating assets
- 250MW in construction
- 470MW of pipeline assets

#### KIDSTON CLEAN ENERGY HUB



50MW Kidston Solar Project (Operating)



150MW Kidston Wind Project (Development)

Up to 270MW Kidston Stage Two Solar Project (Feasibility)

#### BOULDERCOMBE BATTERY PROJECT (BBP)

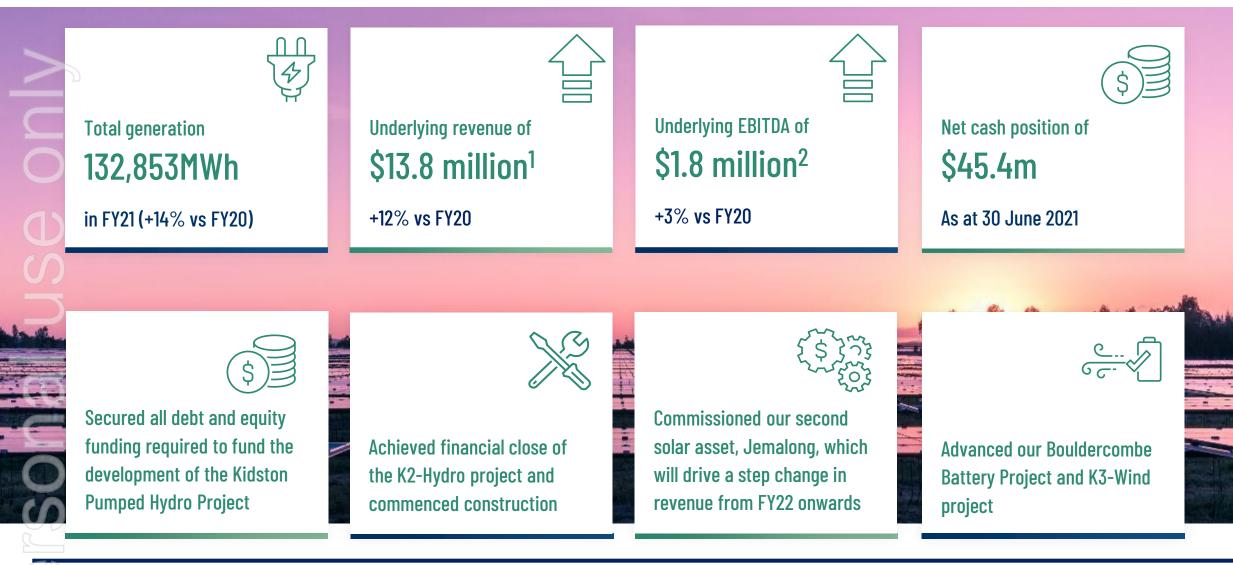
50MW Large Scale Battery Energy Storage System (Development)

#### JEMALONG SOLAR PROJECT (JSP)



50MW Jemalong Solar Project (Operating)

# Strong performance in FY21



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1 Underlying Revenue is adjusted for one off ARENA Convertible Note forgiveness: 2 Underlying EBITDA is adjusted for one off non recurring items (JSP impairment charge and Convertible Note forgiveness)

# Financial Summary

Balance Sheet	FY21(\$M)	FY20 (\$M)	Cashflow	FY21(\$M)	FY20 (\$M)	Profit and Loss	FY21(\$M)	FY20 (\$M)
Total Assets	359.7	253.9	Cashflow from	(4.8)	(4.1)	Revenue	21.7	12.3
			Operating Activities			Underlying Revenue <sup>1</sup>	13.8	12.3
Liabilities			Сарех	(153.4)	(38.0)	EBITDA	(6.8)	1.8
Short term interest	77	F1	Net Cash from financing activities	138.2	104.1	Underlying EBITDA <sup>2</sup>	1.8	1.8
bearing loans and borrowing	7.7	5.1	Cash and Cash			Net Loss	(18.7)	(10.5)
Long term interest		James an april	equivalents	45.4	65.5	Underlying Net Loss <sup>2</sup>	(10.1)	(10.5)
bearing loans and	182.0	177.2	Game Comments	- f		and the second		
borrowing	a far a de a da	. papapan		et a a	00000000	fasses While the	Sector Provide	AL ARTON
Total Liabilities	225.4	242.5	Contraction of the second			THE RADIA	1 2 1/21	
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Net Assets	134.3	11.4		1	and the second	Call Care Care	Theppe	AND DESCRIPTION
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\$359.7M total assets



K2-Hydro fully funded through construction



One off non-cash impairment cost of \$16.5M for JSP

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# Jemalong Solar Project

The 50MW Jemalong Solar Project (JSP) is the second project commissioned in the Genex renewable energy portfolio **providing a step change in revenue from FY22** 

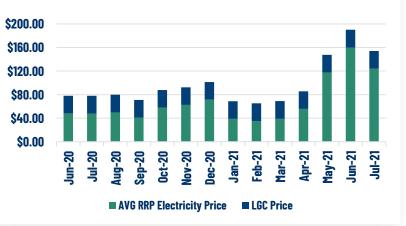


Commissioning at JSP was completed in June FY21 providing the basis for sustained and consistent energy generation in FY22





JSP provides **leverage to the NSW energy markets** via sales into the spot market delivering upside revenue for Genex Bundled Average NSW Spot Price (\$/MWh)



Notes to graph: 1: Average monthly price data sourced from: <u>https://aemo.com.au/energy-systems/electricity/national-electricity-</u> <u>market-nem/data-nem/data-dashboard-nem</u>; 2. Assumes LGC sale price of \$30/MWh

# Growth Strategy

Genex will use its core competencies of project identification, execution, partner relations and knowledge of the Australian energy markets to continue to drive growth

Funded		Leverage our Relationships and financing skill set	Progress Future Growth ✓ BBP 50MW battery storage in	<ul> <li>Identify other renewable projects</li> </ul>		
	350MW	✓ J-POWER ✓ ARENA	Queensland ✓ 150MW K3-Wind			
<b>100MW</b> <b>Core Asset Base</b> 2 x 50MW solar projects	<b>Execute on Growth</b> 250MW K2-Hydro project	<ul> <li>✓ NAIF</li> <li>✓ CEFC</li> <li>✓ Banks &amp; Government</li> </ul>	project in Queensland			
Low F	RISK PROFILE	🖄 RAPID EXECUTION	STRONG CASH GENERATION	HIGH RETURNING PROJECTS		

**550MW** 

Utilise our skill set and Knowledge

 Identify further storage opportunities

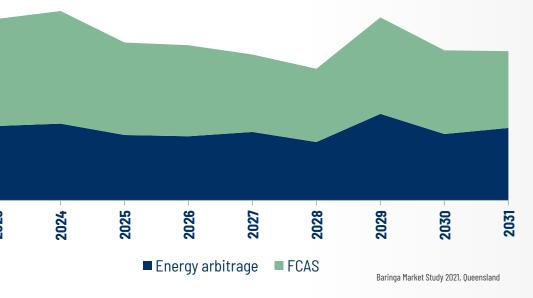
# Our battery growth plan

Battery storage diversifies GNX's renewable portfolio and builds on our knowledge base of energy markets and expertise in financing renewable energy & storage projects



Strong FCAS market in the near to medium term including introduction of Fast Frequency Response

# 2023 Total gross margins



# Attractive outlook for price arbitrage in certain states with the introduction of 5-minute settlement in late 2021



FCAS represents majority of total project revenue

<u>Ih. +</u> \_ 40

Strong revenues from arbitrage (Queensland)

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Batteries provide the National electricity Market (NEM) with:

- ✓ Reduced renewable energy curtailment
- ✓ Frequency regulation services
- ✓ Voltage control
- ✓ Rapid and flexible ramping
- ✓ Black start services
- ✓ Ability to operate in both the electricity and FCAS markets

**Benefit to Genex** 

- ✓ Rapid roll out
- ✓ Scalable
- ✓ High return

# Bouldercombe Battery Project

50MW BESS located in Bouldercombe, Rockhampton in Queensland - adjacent to the Powerlink substation.

🖌 Genex's first battery project

 Land to be secured under 30 year leasing arrangement next to Powerlink's Bouldercombe substation

✓ Connection and GPS process well advanced

 Funding discussions with potential lenders and strategic investor

Battery supplier and integrator have been selected

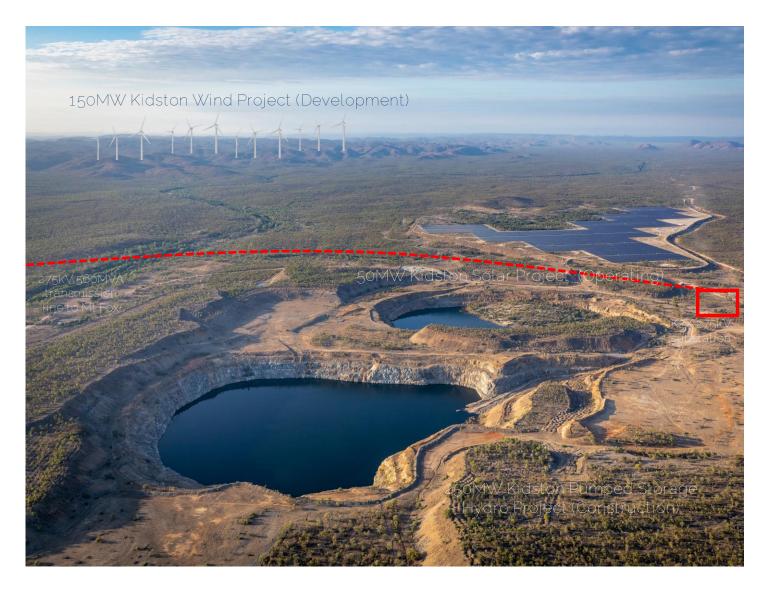
✓ Offtake arrangements well progressed



# Kidston Clean Energy Hub

- Genex has been developing the Kidston Clean Energy Hub since acquiring the Kidston Gold Mine in 2014:
  - **KS1:** Commenced operation in 2017, connected to existing 132kV distribution network to Ross
  - **K2-Hydro:** Commenced construction in April 2021, to be operational in late 2024
  - **Transmission Line:** As part of K2-Hydro development, a new 275kV transmission line is being constructed from new "K2X" substation at Kidston to a new substation at Mt Fox
  - **K3-Wind:** In development, proposed to connect into new K2X substation in 2024-2025
  - **K2-Solar:** In feasibility, pending commercial assessment

K3-Wind presents the next stage of development of the Kidston Clean Energy Hub to utilise the new transmission capacity at Kidston



# Kidston Wind

K3-Wind will leverage existing infrastructure (transmission line) and co-location advantages to K2-Hydro The land portfolio has been secured



Development funding agreement signed with J-POWER to earn 50% in the project through an initial A\$1.5M funding investment

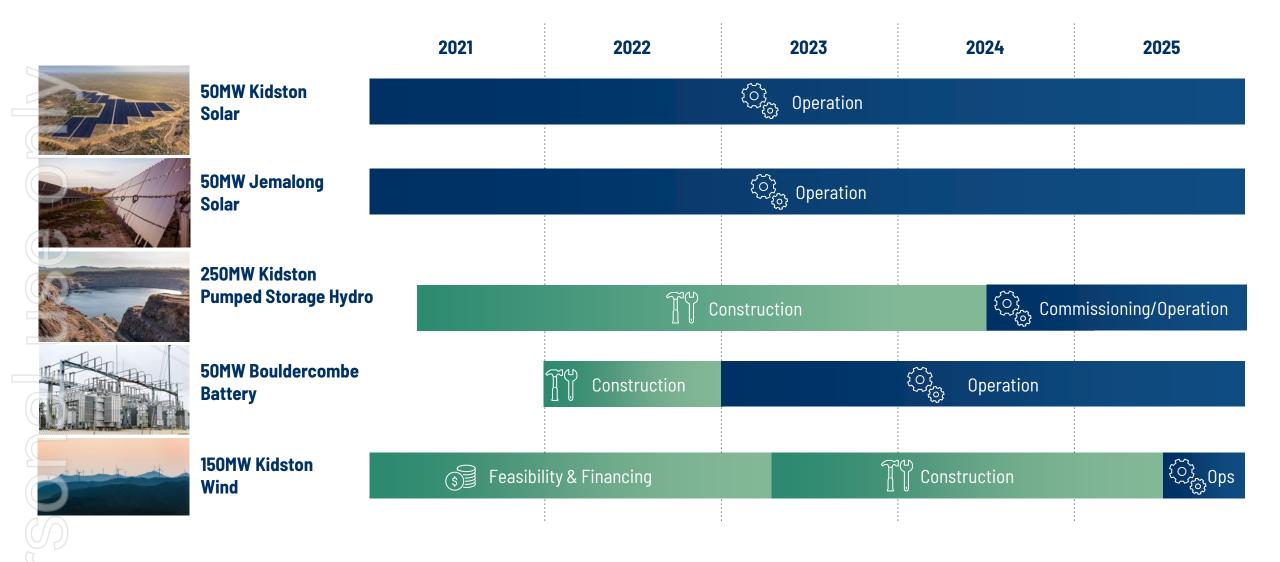


Development of the Project will be expedited through monitoring, planning and other feasibility workstreams **over the next 12-18 months** 



Combination of wind, solar and hydro completes the **Kidston Clean Energy Hub** (a globally unique integration)

# Genex Diversified Renewable Portfolio



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# Our people, communities and the environment



#### People, Health and Safety

- Continuation of COVID-19 protocols to ensure our people and communities remain safe
- Commitment to managing risk and driving safety leadership through our organisation and ensuring our contractors implement best practice
- Strong focus on diversity and indigenous engagement within our workforce



#### Environment

- Strict focus on minimising disturbance
- Commitment to conserving and protecting the environments we operate in
- K2-Hydro converting disturbed mine site to sustainable energy generation
- 2 million tonnes CO<sub>2</sub> abatement by 2025



#### Community

- Focus on job creation in our local communities
- At Jemalong, 151 jobs were created, 68% were local, 22% were women and 11% were Indigenous
- Indigenous Engagement Strategy to promote Indigenous employment and procurement for K2-Hydro
- 900 jobs created at Kidston and along the transmission route

# Investment highlights

2 operating 50MW solar projects (KS1 & JSP)

Battery and wind projects in advanced stages

K2-Hydro funded and in construction

#### Diverse renewable energy and storage portfolio



#### Proven track record

#### of project execution

- ✓ Successfully developed >\$200M worth of projects
- ✓ Secured long term energy contracts providing secure cash flows
- ✓ Developed, financed and built KS1 and JSP on time and on budget



# Strong relationships



#### ✓ Tier 1 stakeholders





C Energy Australia

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#### **Revenue stream certainty**



- 85% revenue contracted for 30 years
- >79% EBITDA margin
- Minimal sustaining capex
- Average annual revenue \$82.5M until 2055
- Utility like nature of cashflow and revenue stream

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#### Fully funded to deliver 350MW of power generation

- ✓ \$1B renewable energy & storage portfolio
- ✓ Average interest rate of 2.96% locked in via long term hedge



# Near term development of pipeline opportunities



- ✓ 200MW of near term development opportunities
  - 50MW Bouldercombe Battery – construction 2021
  - 150MW Kidston Wind
     construction 2023



#### 27 August 2021





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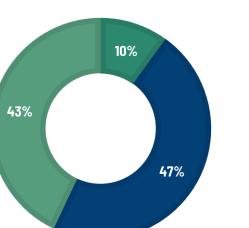


# Corporate snapshot

ASX code:	GNX
Shares on issue:	1,069,900K
Market cap (23.08.2021):	\$251M
Cash (30.06.2021):	\$45M

#### **SHAREHOLDERS**

■ J-POWER ■ Institutions ■ Other



#### Board and Management



**Dr. Ralph Craven** Non-Executive Chairman



Michael Addison n Non-Executive Director



James Harding Chief Executive Officer



Simon Kidston Executive Director



**Teresa Dyson** Non-Executive Director



Yongqing Yu Non-Executive Director



Ben Guo Finance Director



Kenichi Seshimo Non-Executive Director

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