



Genex
Power

...The future of energy

Overview of the Offer

Offer Details	<ul style="list-style-type: none">• The issue of approximately 45 million fully paid ordinary shares (“New Shares”) to institutional and sophisticated investors at an Offer Price of \$0.22 per New Share (The “Placement”) to raise approximately \$9.9 million (before costs of the Placement);• Placement of up to 45.1M New Shares• The Offer Price of \$0.22 per New Share represents:<ul style="list-style-type: none">• 18.5% discount to the closing share price on 6 December 2016 of \$0.27 per share• 24.2% discount to the 5 day Volume Weighted Average Price up to and including 6 December 2016 of \$0.29 per share; and• 21.7% discount to the 15 day Volume Weighted Average Price up to and including 6 December 2016 of \$0.281 per share.• The Company intends to offer a Share Purchase Plan (“SPP”) to existing shareholders at the Offer Price¹
Use of Funds	<ul style="list-style-type: none">• For the development of the Company’s 50MW Kidston Solar Project• To advance development of the Kidston Pumped Storage Hydro Project• General working capital purposes
Other	<ul style="list-style-type: none">• New Shares issued pursuant to the Placement will rank equally with Genex existing ordinary shares• Morgans Corporate Limited and Canaccord Genuity (Australia) Limited are Joint Lead Managers to the Placement

1. Subject to ASX Listing Rule 7.2.

Sources & Uses of Funds

Uses (A\$m)	
Kidston Solar Capex	118.0
Interest During Construction	4.2
Debt Service Reserve Account	2.5
Hydro Development & Working Capital	10.8
Total	135.5

Sources (A\$m)	
ARENA Grant Funding	8.9
Placement	9.9
Project Finance Debt¹	110.0
Current Cash²	6.7
Total	135.5

¹ Credit approval for up to \$110m of senior project finance debt, subject to final documentation, debt terms and prevailing interest rates and exchange rates at the time of financial close.

²Cash as at 30 September 2016 (including Environmental Assurance Bond)

- The Company anticipates to reach financial close on the Kidston Solar Project in Q1, 2017
- Funds required to reach financial close, as detailed above, are dependent upon finalisation of project finance documentation and prevailing interest rate and exchange rates at the time of finalisation, and the take up under the SPP
- To the extent there is a gap in the funding it is intended that this will be met through either non-dilutive subordinate debt finance or an entitlement offer to shareholders

Indicative Timetable

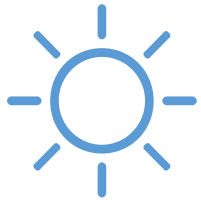
Record date for SPP	7.00pm, Tuesday, 6 December 2016
Trading Halt	Wednesday, 7 December 2016
Placement book build closes	Thursday, 8 December 2016
Remove trading halt and transaction announcement to market	Friday, 9 December 2016
Settlement of Placement	Wednesday, 14 December 2016
Allotment date for Placement	Thursday, 15 December 2016
SPP letter despatched to securityholders	Thursday, 15 December 2016
SPP opening date	Thursday, 15 December 2016
SPP closing date	Tuesday, 10 January 2017
Allotment of New Shares issued under the SPP	Wednesday, 18 January 2017
ASX quotation of New Shares issued under the SPP	Thursday, 19 January 2017
Despatch of confirmation statements	Monday, 23 January 2017

Investment Highlights



Genex Power

- **Renewable energy generation & energy storage**
- **Transition towards low carbon economy creating opportunity**
- **Strong cash flows backed by Government contract**



Solar PV Project Phase One (50MW)

- All permits & approvals received
- 20 Year Revenue Guarantee
- Construction to commence Q4 2016
- First cash flow Q4 2017



Pumped Storage Hydro Project

- Feasibility completed
- Strategic peak generator/energy storage
- 250MW generation capacity with 6hrs of continuous generation



Company Overview



ARENA



Australian Government
Australian Renewable Energy Agency



Queensland
Government

ASX Code:	GNX
Shares on issue:	180,268,750
Market Cap:	\$48.7 million
Cash (30 Sep):	\$6.7 million
Undrawn ARENA:	Hydro: \$2 million, Solar: \$8.9 million
Favourable Tax Ruling:	\$39.5 million
Major Shareholders:	Board & Management – 33%
	Zhefu Hydropower – 18%
	Institutional – 12%
	Other – 37%

Clean Energy: Transition to a Low Carbon Economy

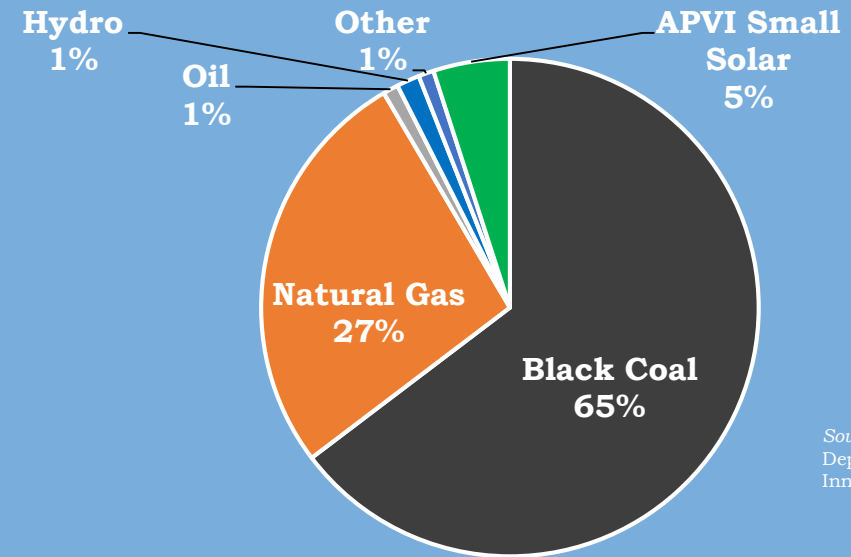
Growth of renewable energy generation

- Intermittent generation creates volatility
- Need for large-scale energy storage
- Pumped storage integration with renewable generation (i.e. Kidston Solar Project)
- Increasing gas prices in QLD
- 50% renewable energy target in Queensland underpins positive macro environment

Unique energy generation mix in Queensland

- Coal fired baseload
- Gas peaking power suffering from rising gas prices

Queensland Energy Generation By Fuel Type

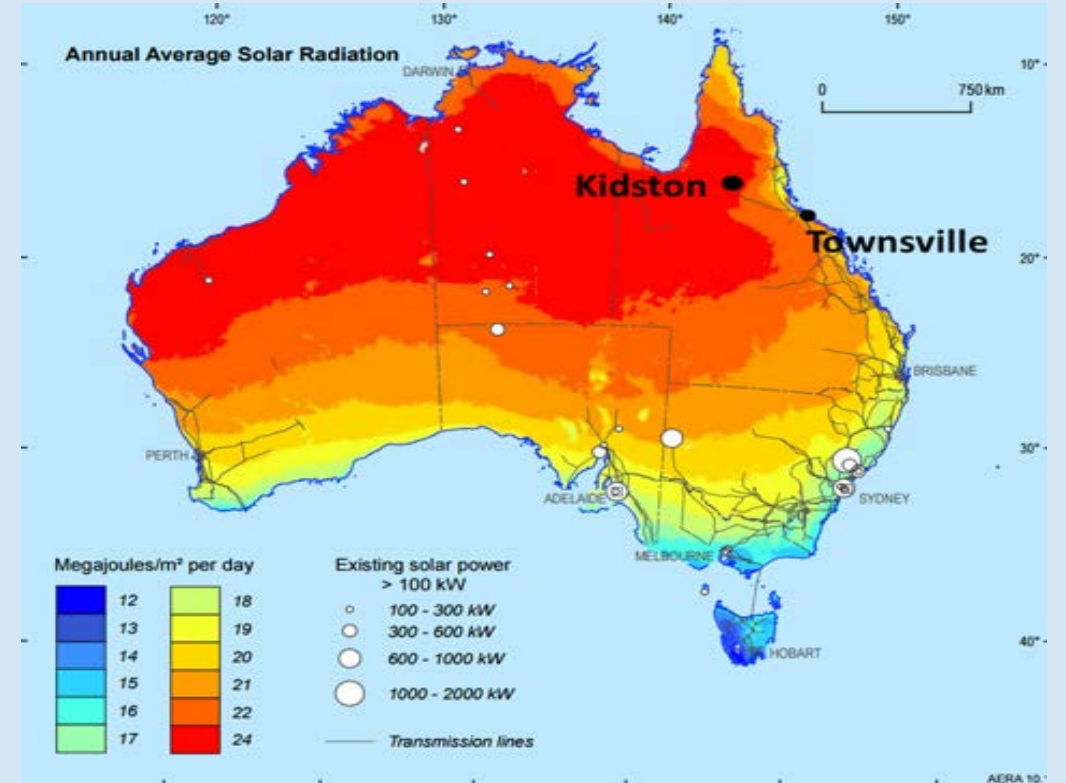


Source: Australian Government – Department of Industry, Innovation & Science, 2015 Report

Location



Site Location & NEM Network



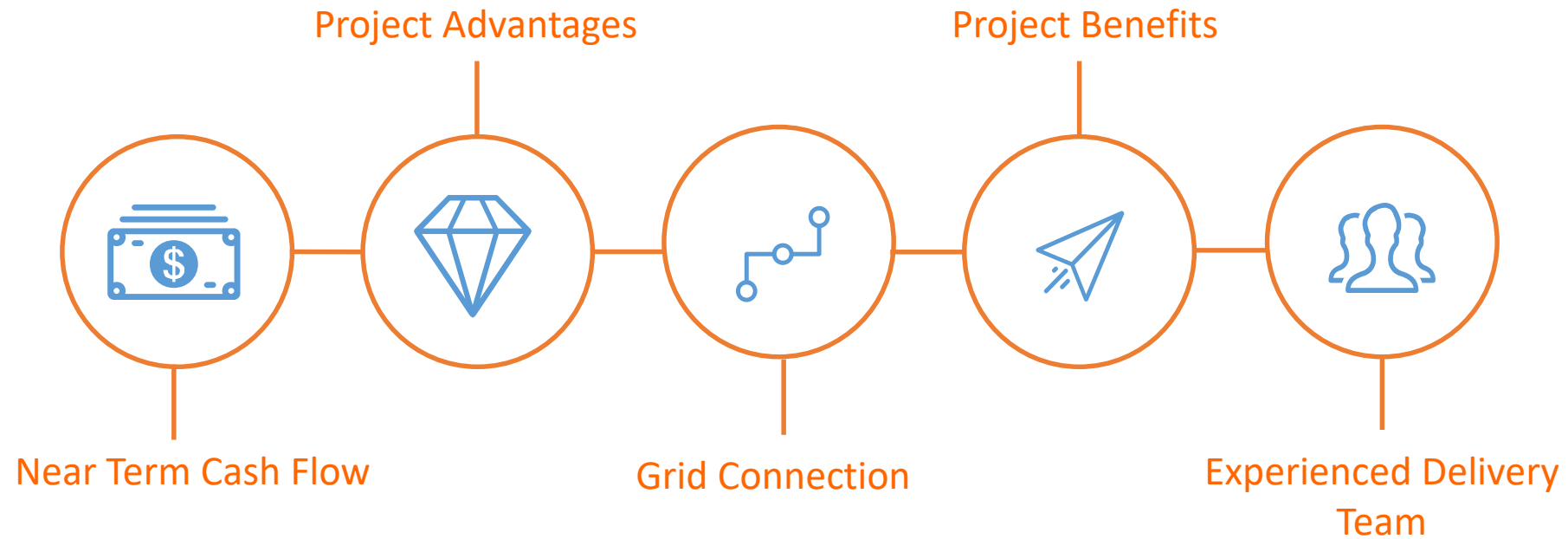
Average Solar Radiation - Source: Bureau of Meteorology

Renewable Energy Hub



The Kidston Solar & Pumped Storage Hydro Site

Kidston Solar PV Project Phase One (50MW)





Key Project Parameters

AC System Capacity	50 MW
DC System Capacity	63 MW
Annual Generation	145,000 MWh
Capacity Factor (tracking)	>33%

- 50MW AC Solar Farm
- Located in North Queensland
- Highest solar resource in Australia connected to the NEM
- One of the lowest \$ per MWh solar projects in Australia
- 20 year Queensland Government Revenue Guarantee
- Strong local community support
- Project approvals in place (Development & Environmental)
- First generation 4Q 2017
- Co-located with large scale hydroelectric energy storage

Project Status

- ✓ Development Approval
- ✓ Freehold land acquired
- ✓ Environmental Approval
- ✓ Feasibility Study completed
- ✓ Preferred EPC Contractor selected
- ✓ Grid Connection secured (30 years)
- ✓ 20 Year Government PPA
- ✓ ARENA Grant





- Location: Old Kidston Gold Mine, 270km NW of Townsville, Queensland
- Ideal site for large scale solar
 - ✓ The highest solar radiation region in Australia
 - ✓ The only solar project connect to grid in the 'red zone'
 - ✓ Consistent strong annual solar exposure
 - ✓ Good road access from Townsville & Cairns
 - ✓ Onsite accommodation camp
 - ✓ Good condition access road throughout the site
 - ✓ Co-located with Pumped Storage Hydro Project
- Existing substation & transmission line located adjacent to plant
- Remote community supportive of economic growth



First Solar Inc – Photovoltaic Modules



- Constructed on the tailings storage facility (TSF) of the former Kidston Gold Mine
- TSF well suited for solar PV installation
 - Flat, dry & compacted surface
 - Sparse vegetation easily removed
 - Elevated 25m above natural ground level
 - Consistent ground conditions throughout TSF
- Geotechnical analysis indicates ground is amenable for PV installation
- Independent site analysis completed by EPC contractor
- Good vehicle access with ramp & road access
- Minimal environmental issues
 - Solar farm will reduce existing TSF leaching issues
- No alternative land use
- Expansion potential over time - Kidston Solar PV Project Phase Two (270MW)



The Kidston Solar Project

Kidston Solar PV Project Phase One (50MW) – Grid Connection



- Connection to NEM via existing substation on site
- Substation connected to the main grid via existing 132kV transmission line
- Transmission line and substation owned by Ergon
- Minimal load currently on the line
- Connection agreement in place with Ergon






132kV Transmission Line to Townsville



Kidston Substation

Kidston Solar PV Project Phase One (50MW) – Experienced Delivery Team

Company		Key Role(s)
	Genex (Solar) Pty Limited	Project Sponsor
 Australian Government Australian Renewable Energy Agency	Australian Renewable Energy Agency	Funding Partner
 Queensland Government	Power Purchase Support Deed	Offtake Partner / Financial Support Deed
	AECOM Australia Pty Ltd	Owner's Engineer and Technical Advisor
	UGL Engineering Pty Limited	EPC Contractor, Operations & Maintenance Contractor
	First Solar (Australia) Pty LTD	Thin-film PV Module Supplier
	Ergon Energy Corporation Limited	Distribution Connection
	Societe Generale	Lead Debt Financing Arranger and Financial Advisor
	OST Energy	Lender's Independent Engineer for Due Diligence
	Baker & McKenzie	Legal Counsel
	Jardine Lloyd Thomson	Insurance Advisor
	PricewaterhouseCoopers Securities Limited	Tax Structuring Advisor



Environmental Benefits

- 145,000 MWh of renewable energy per year
- Equivalent to powering 26,484 homes
- Will offset 120,000 tonnes of CO² per year
- Equivalent to removing approximately 33,000 cars off Australian roads

Financial Benefits

- Strong and stable cash flow from 2017
- Revenue underpinned by 20 year Queensland Government Guarantee
- Long life project (more than 30 years)
- High solar yield & low project costs
- Plans to expand by an additional 270MW during Kidston Solar PV Project Phase Two
- Investment and jobs for far north Queensland
- Co location with large scale hydroelectric energy storage

ARENA



Australian Government
Australian Renewable Energy Agency



Queensland
Government



The Kidston Solar Project Animation

Australian Solar Projects Comparison

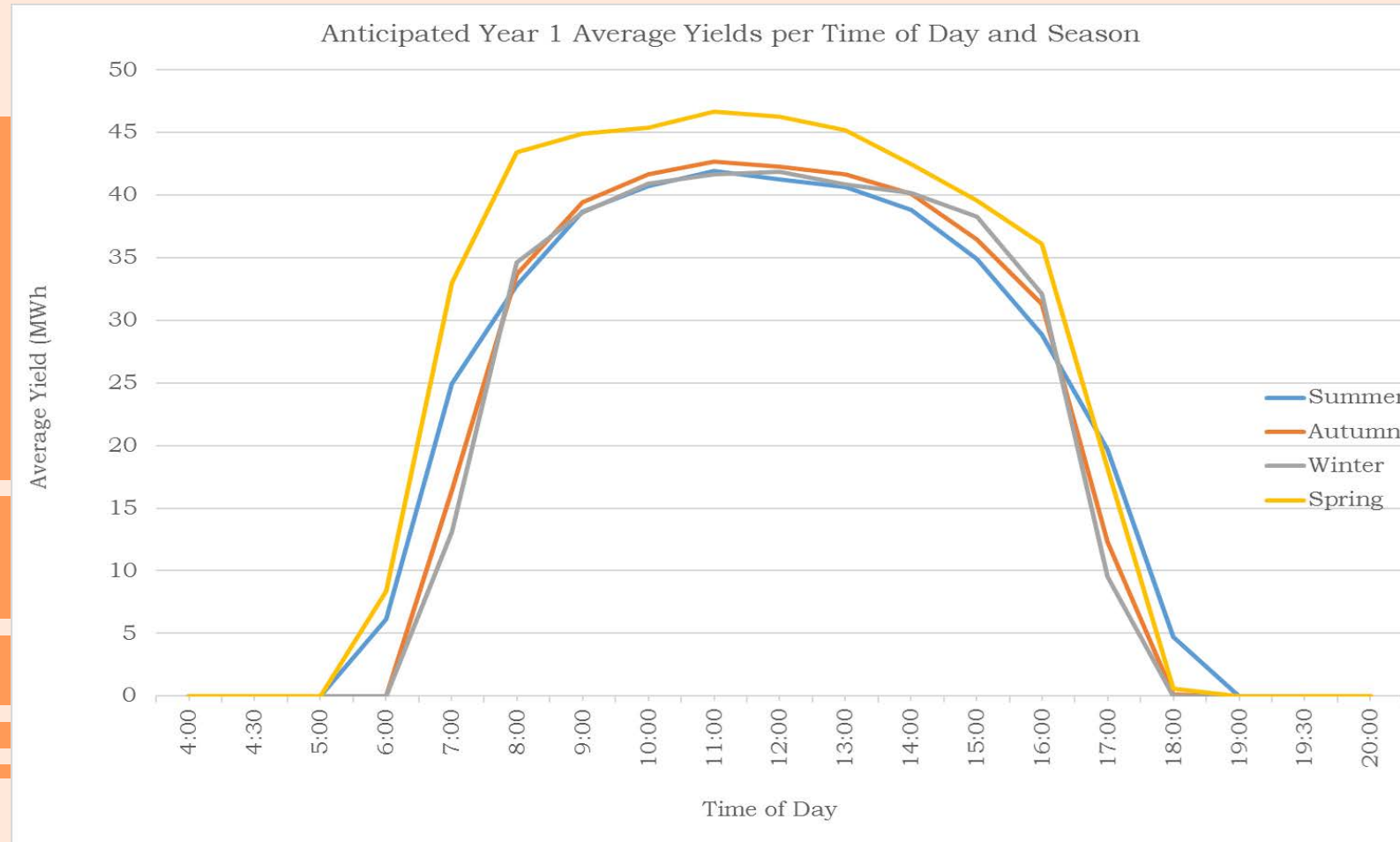
	Kidston	Royalla	Moree	Nyngan	Broken Hill	Barcaldine
MWac	50	24	56	102	53	25
Capacity Factor	>33%	18%	30%	26%	27%	30%
Annual Generation (MWh)	>145,000	37,000	146,180	233,000	126,000	53,500
CAPEX (A\$m)	\$120m	\$50m	\$164m	\$290m	\$150m	\$69m
CAPEX/MWh	\$828	\$1,351	\$1,122	\$1,245	\$1,190	\$1,290
Racking	Tracking	Fixed	Tracking	Fixed	Fixed	Tracking
Household supplied*	>26,484	6,758	26,699	42,557	23,014	9,772

*Based on average household energy use of 15kwh/day. Source: ARENA

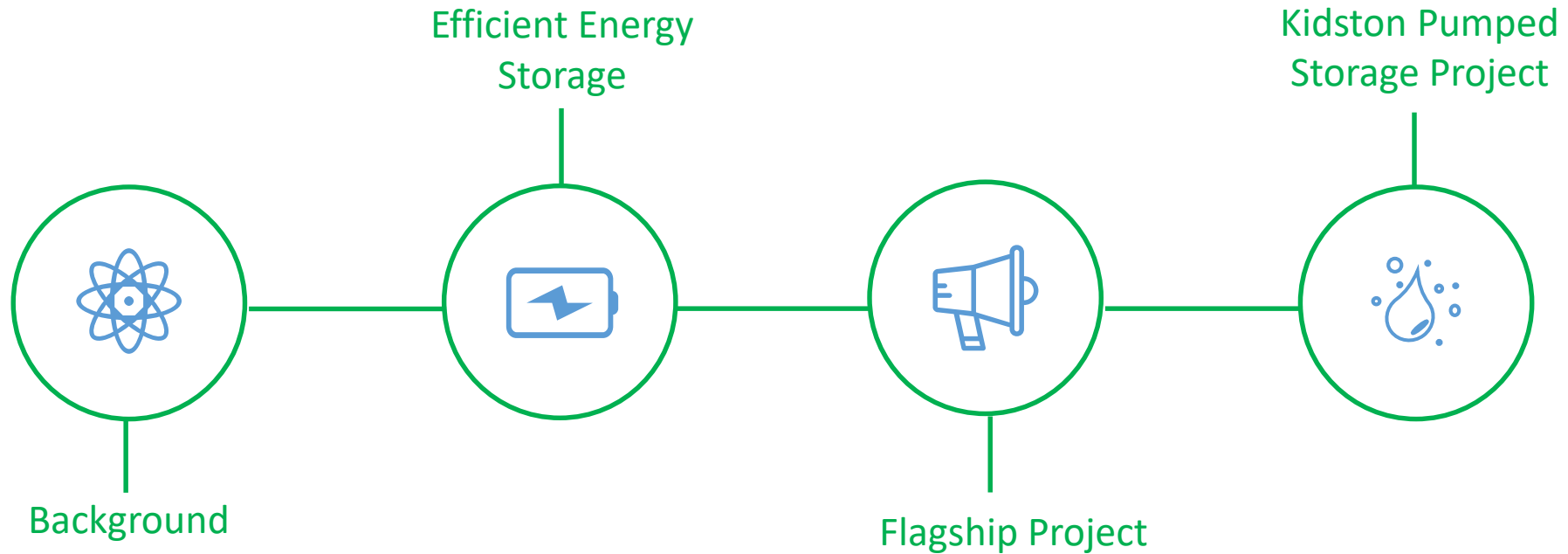
Solar monitoring station at Kidston



Attractive Solar Generation Profile



The Kidston Pumped Storage Hydro Project



Background - What is Pumped Storage Hydro?



- Large volumes of water stored in an upper reservoir (i.e. potential energy)
- Water is released from the upper to the lower reservoir, passing through a turbine & generator system which generates energy
- Energy can be generated instantly, meaning periods of high consumer demand can be easily targeted
- Water is then pumped back from the lower to the upper reservoir during low demand periods when prices are lower

?



CS Energy (QLD Wivenhoe 500MW)

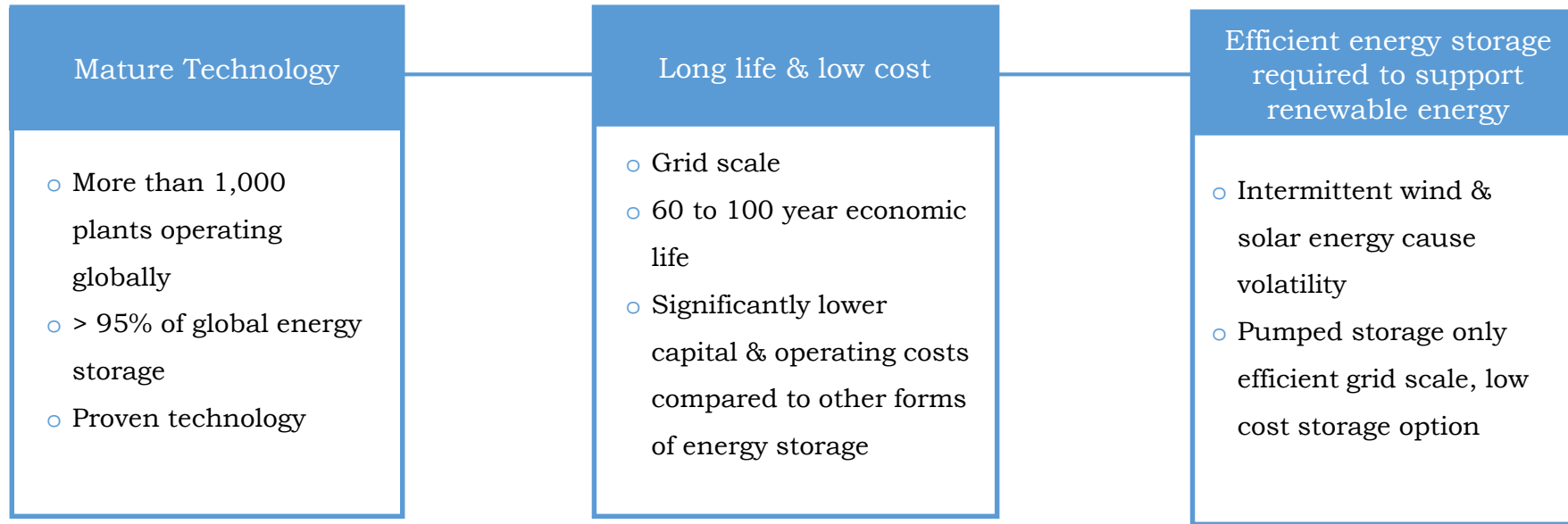


Origin Energy (NSW Shoalhaven 240MW)

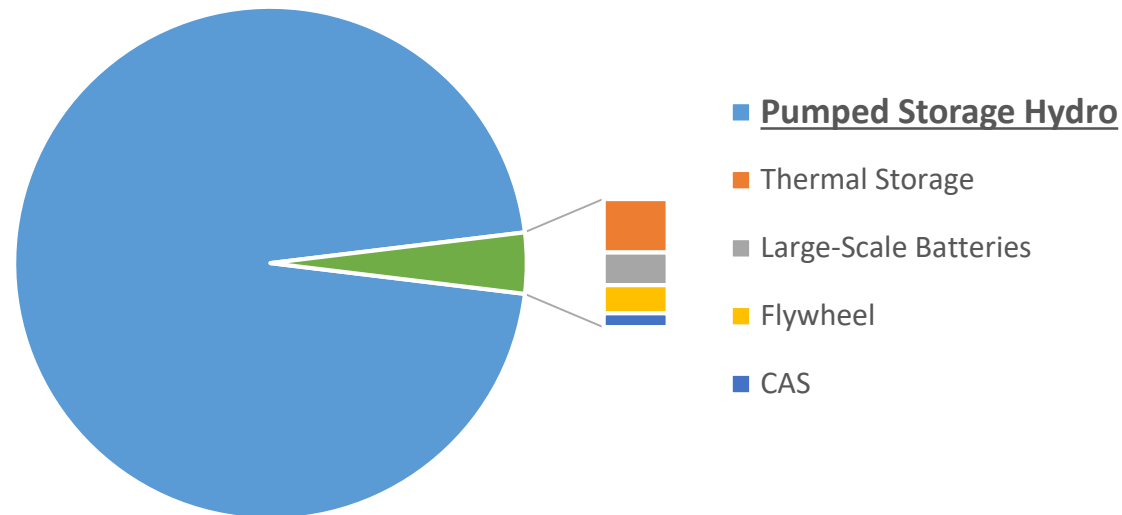


Snowy Hydro (NSW Tumut 3, 1500MW)

Efficient Energy Storage - Pumped Storage Hydro



Source: International Energy Agency





The Kidston Site

The Kidston Site

- 250MW nameplate capacity for 6 hours continuous generation
- Current focus is revenue contracting & project/partners finance

- Two large adjacent pits & elevated waste rock dump
 - 52ha & 54ha respectively
 - Lower Reservoir 270m deep
 - Approximately 400m apart at surface

- Site substantially rehabilitated since mine closure in 2001
- Water license in place for top up water
- Site 100% owned by Genex Power
- Site covers 1,237ha
- Technical feasibility completed
- Significant capital cost savings utilising mine infrastructure



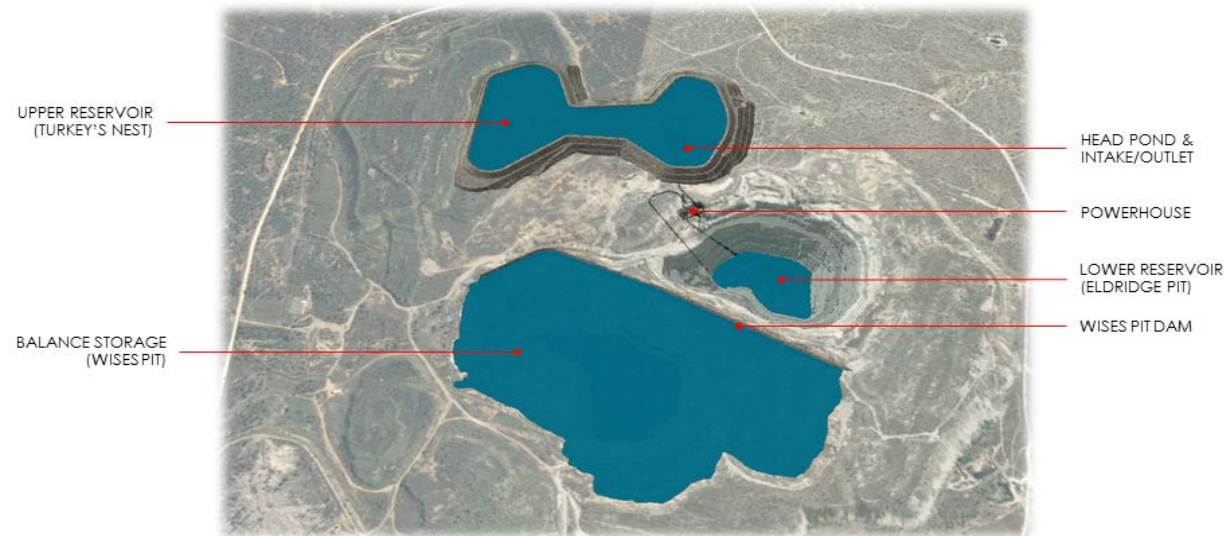
Generating Mode

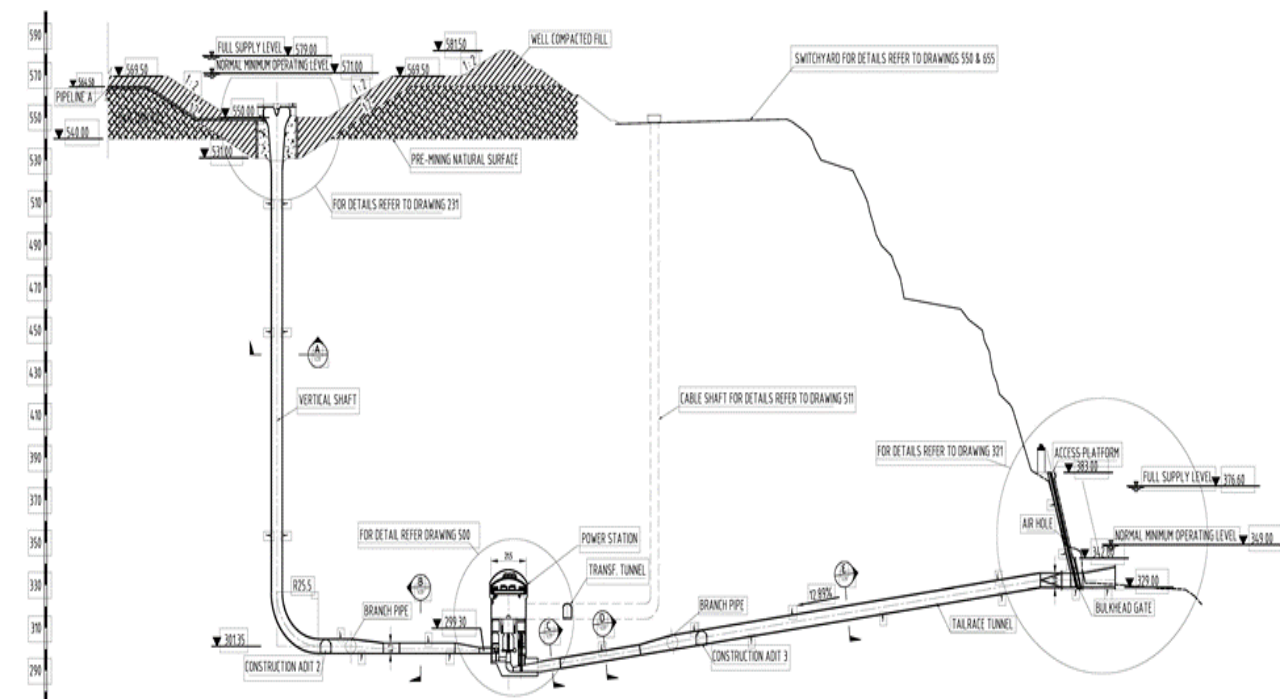
- During daily peaks
- Wholesale prices at their highest
- Water is released from upper reservoir to lower reservoir to generate electricity



Pumping Mode

- During overnight Off-Peak
- Wholesale prices at their lowest
- Power is drawn from the grid to pump water up to the upper reservoir





Technical Feasibility Design – Cross-Cut View



Technical Feasibility Design – Birds-Eye View



Key Metrics

- Size: 1,500MWh
- Nameplate Capacity: 250MW
- Continuous Generation: 6 hours
- Generators: 2 x 125MW turbines

- Successful completion of the Kidston Hydro Project Technical Feasibility Study
- Focused on capital efficiency per installed MW
- Optimised design uses waste rock dump & existing reservoirs
 - reduction in the water level variance during the generation
 - increase in the average water head
 - elimination of water seepage
 - enables the Wises Pit to be utilised for excess water storage & water balancing
- Ongoing support from Australian Renewable Energy Agency (ARENA)
- Meaningful support from the Queensland State Government as a “Prescribed Project”

Copperfield Dam

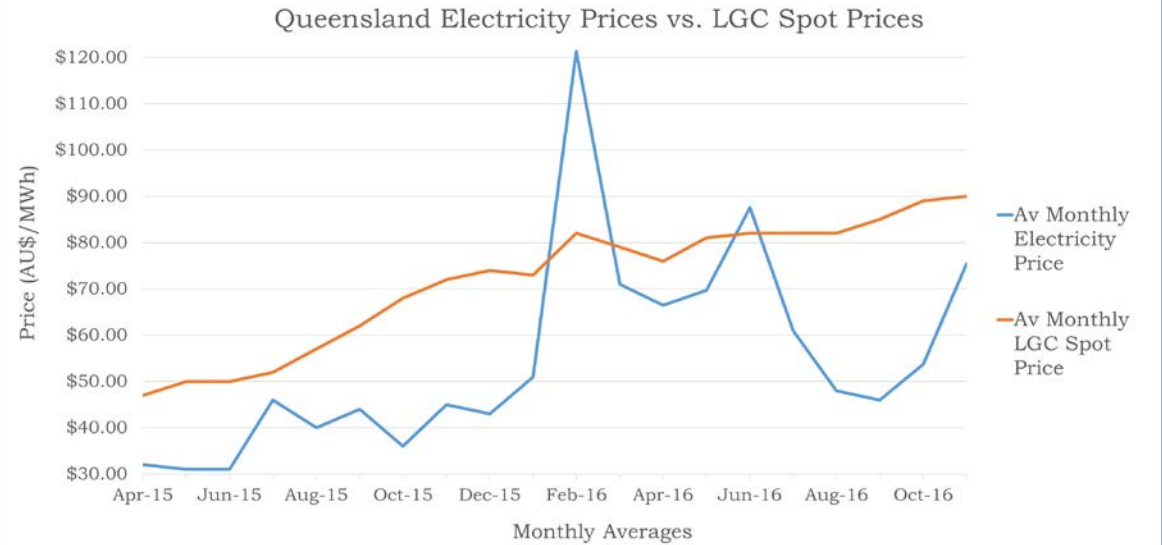


Kidston Site

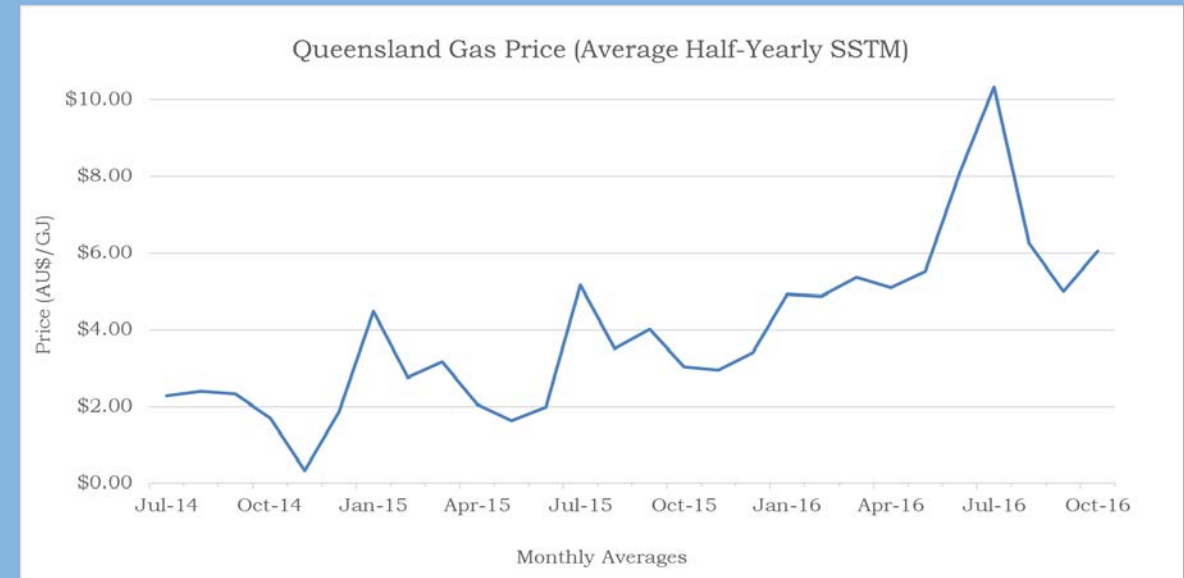


Wholesale Electricity Prices

- QLD has much higher peak prices & more volatility compared with other states in the NEM
- Pricing volatility due to generation mix & reliance on gas for peak & shoulder power generation (increasing gas prices due to Gladstone LNG exports)
- QLD wholesale electricity prices expected to increase markedly over the next decade, driven by increasing generation fuel prices, increasing electricity demand & changing generation mix
- Peak & Off-Peak price differential expected to remain significant going forward
- LGC prices have increased significantly following the government decision on the Renewable Energy Target (RET)

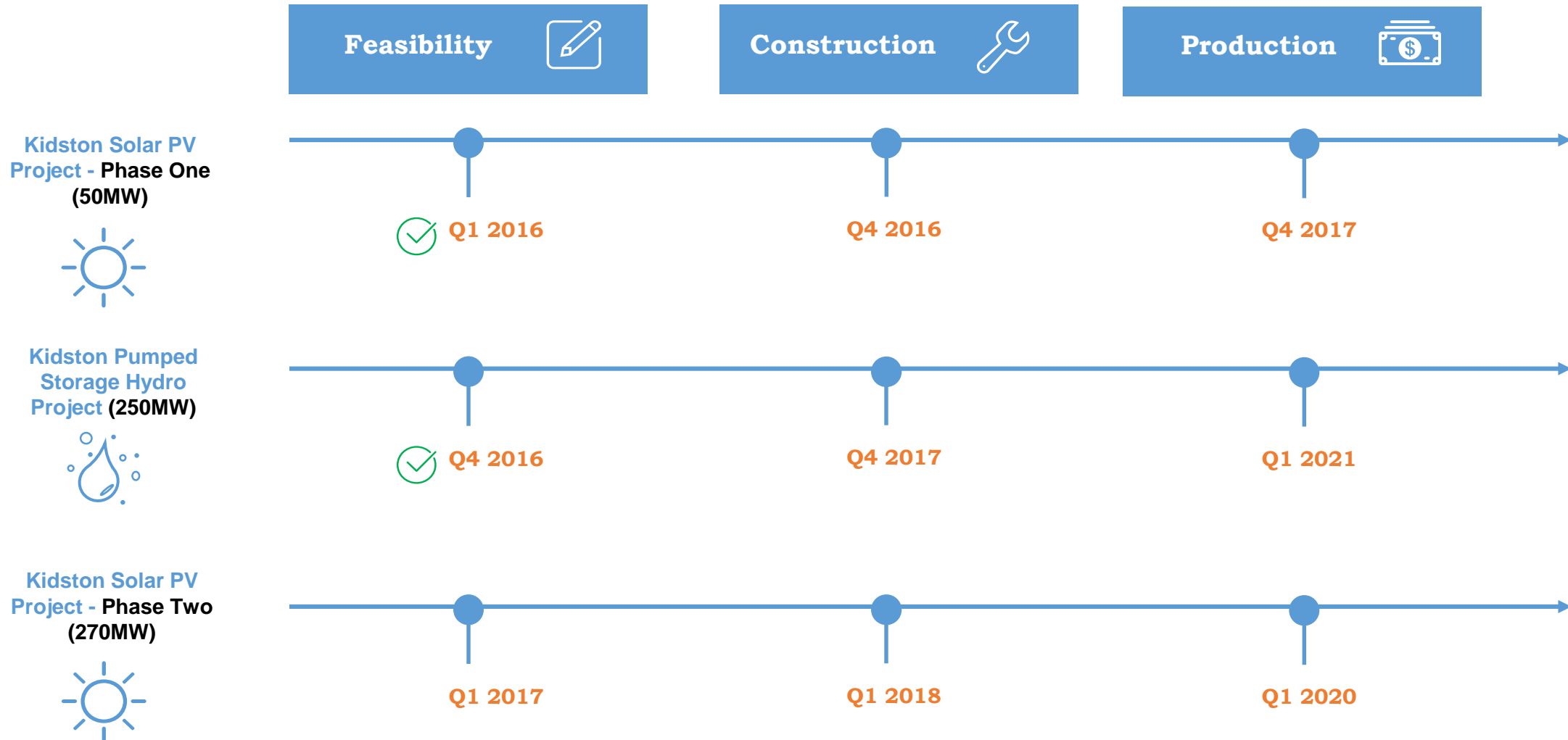


Source: AEMO & Green Energy Markets as at 10/11/16



Source: AEMO as at 10/11/16

Development Timeline



Board & Management



Dr Ralph Craven
Non Executive Chairman

- Chairman of Stanwell Corporation
- Director of Senex and AusNet Services
- Former CEO and Chairman of Ergon Energy
- Former CEO of Transpower New Zealand



Simon Kidston
Executive Director

- Founder of EndoCoal and Carabella
- Former banker with HSBC, Macquarie, Helmsec



Michael Addison
Managing Director

- Founder of EndoCoal and Carabella
- Water engineer with extensive finance experience



Ben Guo
Finance Director

- 10 years finance and accounting experience with PWC, E&Y Helmsec and more recently with Carabella Resources



Alan du Mée
Non Executive Director

- Former CEO of Tarong Energy
- Former Chairman of the Australian National Generators Forum



Arran McGhie
COO General Manager

- 20 years experience in senior project management roles for underground excavation and civil construction projects



Yongqing Yu
Non Executive Director

- Engineering background with extensive global hydro experience
- Vice Chairman of Zhefu



James Harding
Executive General Manager

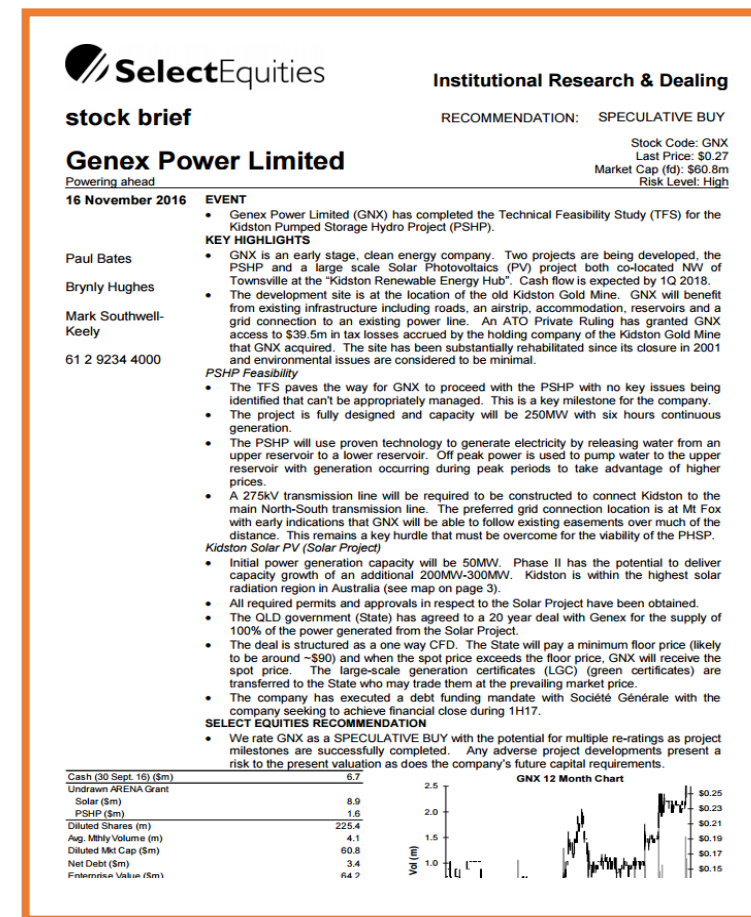
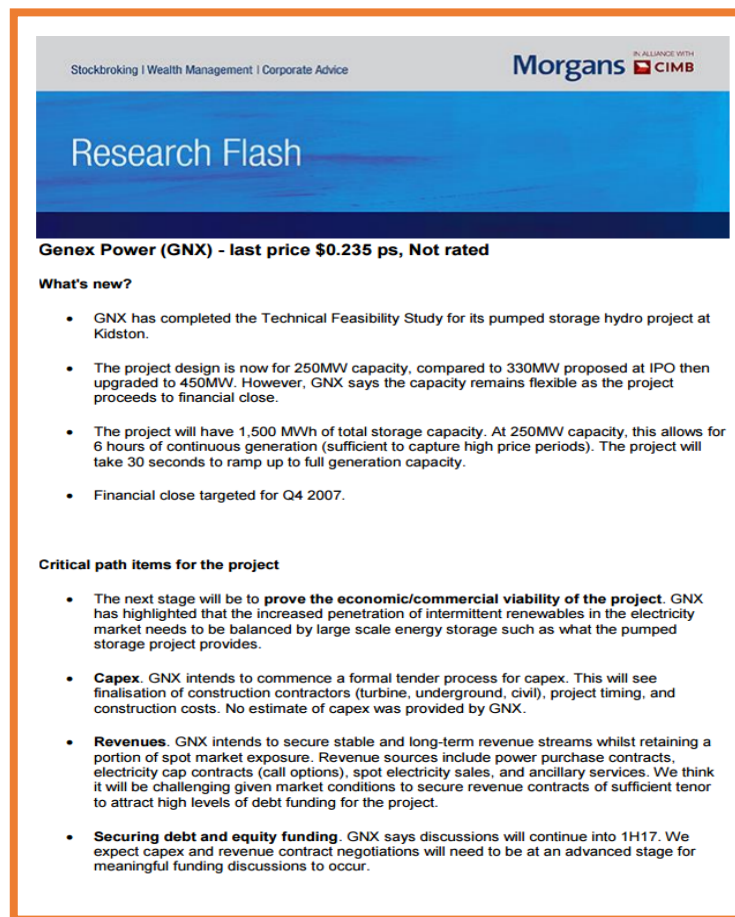
- 30 years' experience in international project business
- Former Head of Business Development at Abengoa Solar Power Australia & General Manager of Renewables with IPS Australia and MAN Ferrostaal.



Justin Clyne
Company Secretary/ Legal Counsel

- Experienced lawyer & company secretary

Genex Power – Broker Research Reports



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