

A\$0.22

24 March 2023

Genex Power Limited (GNX) BUY Share Price: A\$0.14

Market dynamics remain favourable for BBP

We explore the changes in the wholesale electricity pricing market in terms of both price and volatility in recent years. While the high and volatile prices seen in CY22 have moderated to some degree, we believe market dynamics continue to support the investment case for storage assets with the BBP likely to benefit when it becomes operational later this year. We reiterate our BUY recommendation and \$0.22 TP.

Key points

- Since the conclusion of discussions with the Skip Capital / Stonepeak consortium, the GNX share price has maintained a reasonably stable \$0.14-\$0.16 trading range.
- We see potential upside to our earnings forecasts post the energisation of the company's 50MW/100MWh Bouldercombe Battery Project (BBP).
- Wholesale electricity prices have changed significantly

 in terms of being both higher and more volatile since
 the lead-in to the BBP final investment decision which
 we believe was based on pricing data prior to 2QCY21.
- This represents a highly favourable trading environment for the BBP with the spread between the charge and discharge price having widened considerably.

Investment case

- GNX is building a portfolio of high-quality renewable energy and storage assets underpinned by offtake agreements with top tier counterparties (eg Qld government, Energy Australia, Tesla).
- With all 40 Tesla Megapack units having arrived on site this month, the construction schedule for the BBP has been largely de-risked.
- The flagship pumped hydro project is on track to be completed on schedule with energisation expected in 2HCY24
- From FY26, 83% of revenue will be contracted for 30 years at >73% EBITDA margin.

Financial Summary

 We reiterate our Buy recommendation and \$0.22 target price which reflects the recent unsuccessful offer at \$0.25 adjusted for estimated cost overruns from the MAT water ingress issue. Despite valuing the company more highly than this, we believe this corporate activity places a near-term ceiling on the share price.

Key Dates Ahead

- Completion Main Access Tunnel in June/July.
- · Energisation of BBP in 2HCY23.
- Completion of powerhouse cavern in November.

Company Data

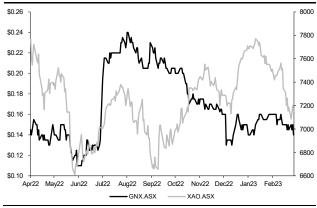
Shares – ordinary (M)	1385.2
Dilution (M)	0.0
Total (fully diluted) (M)	1385.2
Market capitalisation (\$M)	193.9
12 month low/high (\$)	0.1/ 0.24
Average monthly turnover (\$M)	2.8
GICS Industry	Independent Power and Renewable Energy

Target Price:

Financial Summary (fully diluted/normalised)

Year end June	FY22A	FY23F	FY24F	FY25F	FY26F
Revenue (\$M)	27.2	26.9	40.8	66.5	93.5
Costs (\$M)	-13.4	-12.0	-16.1	-22.2	-28.4
EBITDA (\$M)	13.8	14.9	24.8	44.4	65.1
NPAT (\$M)	-4.1	0.1	6.6	20.2	15.1
EPS (¢ps)	-0.3	0.0	0.5	1.5	1.1
EPS Growth (%)	na	na	>100	206%	-25%
PER (x)	na	1571.7	29.4	9.6	12.8
Free Cashflow (\$M)	-230.7	-255.0	-135.9	-22.9	36.7
FCFPS (¢ps)	-19.7	-18.4	-9.8	-1.7	2.7
P/FCFPS (x)	na	na	na	na	5.3
EV (\$M)	521.3	781.7	915.7	938.5	920.2
EV / EBITDA (x)	37.7	52.5	37.0	21.2	14.1
Payout ratio (%)	0%	0%	0%	55%	101%
Dividends (¢ps)	0.0	0.0	0.0	8.0	1.1
Yield (%)	0.0%	0.0%	0.0%	5.7%	7.9%
Franking (%)	na	na	na	0%	0%

GNX - performance over one year



Disclosure and Disclaimer

This report must be read with the disclosure and disclaimer on the final page of this document.

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Analysis

Genex Power Limited	t												
Year end Jun													
MARKET DATA							12-MONTH SHARE PRICE PE	RFORMANC	E				
Recommendation						Buy	30]						
Price	\$					0.14	25 -	~~	_				
Target price (12-month)	\$					0.22	20 -	المراجع	www	~			
52 week low / high	\$				0.1	05 / 0.24	15 ****** ***	1		\ ~~	~~~ /	~~~	~~
Market capitalisation	\$m					193.9	10	~			\vdash	•	
Shares on issue (basic)	no.					1385.2							
Options / rights	no.					0.0	5 -						
Other equity	no.					0.0	0 +	.00.	٠, ٠,	10.	-0.	.00.	<u> </u>
Shares on issue (diluted)	no.					1385.2	Water Bater Water nated na	in main e	seril octi	1 40v.32	Oscyj	nin kapin	,
INVESTMENT FUNDAMENTALS	Φ	FY22A		FY24F	FY25F	FY26F	PROFIT AND LOSS (PF)	C	FY22A		FY24F	FY25F	FY26F
NPAT (reported)	\$m	(4.1)	0.1	6.6	20.2	15.1	Revenue	\$m	27.2	26.9	40.8	66.5	93.5
NPATA (underlying)	\$m	(4.1)	0.1	6.6	20.2	15.1	EBITDA	\$m	13.8	14.9	24.8	44.4	65.1
EDO (D	,	(0.0)	0.0	0.5	4.5		Depreciation & amortisation	\$m	10.1	10.0	12.0	12.0	29.3
EPS (Reported, undiluted)	¢	(0.3)	0.0	0.5	1.5	1.1	EBIT	\$m	3.7	4.9	12.8	32.4	35.7
EPS (NPATA underlying, diluted)	-	(0.3)	0.0	0.5	1.5	1.1	Net interest	\$m	(7.7)	(4.8)	(6.2)	(12.2)	(20.6)
Growth	%	na	na	>100	206%	-25%	Associate income	\$m	0.0	0.0	0.0	0.0	0.0
PER normalised	X	na	na	29.4	9.6	12.8	Pretax Profit	\$m	(4.1)	0.1	6.6	20.2	15.1
							Tax expense	\$m	0.0	0.0	0.0	0.0	0.0
Operating cash flow per share	¢	1.3	1.6	4.8	6.8	7.6	NPAT (underlying)	\$m	(4.1)	0.1	6.6	20.2	15.1
Free cash flow per share	¢	(19.7)	(18.4)	(9.8)	(1.7)	2.7	Amortisation add-back	\$m	0.0	0.0	0.0	0.0	0.0
Price to free cash flow per share	X	na	na	na	na	5.3	NPATA	\$m	(4.1)	0.1	6.6	20.2	15.1
FCF yield	%	na	na	na	na	18.9	Significant items	\$m	0.0	0.0	0.0	0.0	0.0
							Reported NPAT	\$m	(4.1)	0.1	6.6	20.2	15.1
Dividend	¢	0.0	0.0	0.0	0.8	1.1							
Payout	%	0.0	0.0	0.0	55.0	100.7	BALANCE SHEET		FY22A	FY23F	FY24F	FY25F	FY26F
Yield	%	na	na	na	5.7%	7.9%	Cash	\$m	62.9	37.9	32.1	26.7	34.0
Franking	%	na	na	na	0	0	Receivables	\$m	3.3	3.5	6.0	12.0	21.2
							Inventory	\$m	0.2	0.2	0.3	0.5	0.6
Enterprise value	\$m	521.3	781.7	915.7	938.5	920.2	Other	\$m	3.2	3.2	2.9	3.0	3.5
EV/EBITDA	Х	37.7	52.5	37.0	21.2	14.1	Current	\$m	69.5	44.7	41.3	42.2	59.3
EV/EBIT	Х	141.9	159.7	71.7	29.0	25.8	Prop, plant & equip	\$m	452.0	648.7	791.7	829.7	800.3
Price to book (NAV)	Х	1.0	1.0	0.9	0.8	0.8	Intangibles	\$m	0.0	0.0	0.0	0.0	0.0
Price to NTA	Х	1.0	1.0	0.9	0.8	0.8	Other	\$m	95.6	159.1	157.8	157.8	159.3
							Non current	\$m	547.6	807.8	949.5	987.5	959.6
KEY RATIOS		FY22A	FY23F	FY24F	FY25F	FY26F	Total assets	\$m	617.2	852.5	990.7	1,029.6	1,018.9
EBITDA margin	%	55.7	58.7	63.0	68.2	70.7	Accounts Payable	\$m	13.6	12.0	13.5	14.3	15.0
EBIT margin	%	14.8	19.3	32.5	49.7	38.8	Borrowings	\$m	390.2	625.6	753.9	771.2	760.2
NPAT margin	%	(14.9)	0.5	16.2	30.3	16.2	Other	\$m	13.0	11.3	13.1	13.7	14.8
ROE	%	(2.0)	0.1	3.1	8.7	6.6	Total liabilities	\$m	416.9	648.9	780.5	799.2	790.0
ROA	%	(0.7)	0.0	0.7	2.0	1.5	Shareholder's equity	\$m	200.3	203.6	210.2	230.4	228.9
Net debt / (cash)	\$m	327.3	587.8	721.8	744.5	726.2	,	****					
Interest cover (EBIT / Net interest)	Х	0.5	1.0	2.1	2.7	1.7	CASH FLOW		FY22A	FY23F	FY24F	FY25F	FY26F
Leverage (Net debt / EBITDA)	Х	23.7	39.5	29.1	16.8	11.2	EBITDA	\$m	13.8	14.9	24.8	44.4	65.1
Gearing (ND / (ND+E))	%	62%	74%	77%	76%	76%	Change in working capital	\$m	(4.7)	(1.8)	(1.1)	(5.4)	(8.6)
county (ND / (ND / L))	70	0270	1 170	1170	1070	1070	Net interest	\$m	(6.2)	(6.2)	(6.2)	(12.2)	(20.6)
EBITDA SPLIT BY ASSET		FY22A	EY23E	FY24F	FY25F	FY26F	Tax paid	\$m	0.0	0.0	0.0	0.0	0.0
Kidston Solar	\$m	10.0	8.7	7.4	7.3	7.6	Other	\$m	1.0	(0.4)	1.6	0.3	0.9
Jemalong Solar	\$m	10.6	12.6	12.7	11.8	11.3	Operating cash flow	\$m	4.0	6.4	19.1	27.1	36.7
Bouldercombe Battery	\$m	10.0	12.0	11.3	11.3	11.3	Capex	\$111 \$m	(234.7)		(155.0)	(50.0)	0.0
Kidston Hydro	\$m			11.0	20.7	41.7	Acquisitions	\$m	0.0	(2.7)	0.0	0.0	0.0
Other revenue less corp costs	\$m	(6.7)	(6.4)	(6.6)	(6.7)	(6.8)	Purchase of intangibles	\$111	0.0	0.0	0.0	0.0	0.0
Office leading icas corp costs	ψΠ	(0.1)	(0.4)	(0.0)	(0.7)	(0.0)	Investing cash flow	\$m	(230.4)		(155.0)	(50.0)	0.0
CROWTH PROFILE		EV22A	EV22E	EV24E	EVASE	EVace	Equity issuance	\$111 \$m	45.8	0.0	0.0	0.0	0.0
GROWTH PROFILE Revenue	%	FY22A 30.8		FY24F	FY25F	FY26F	. ,		45.6 198.0				
EBITDA	%	30.6 617.7	2.4 7.8	54.8 66.3	65.4 79.1	41.4 46.7	Incr / (decr) in borrowings Dividends / other	\$m \$m	4.4	232.6 0.1	128.3 1.8	17.3 0.2	(11.0)
								\$m \$m					(18.4)
EBIT	%	na	33.3	160.7	153.4	10.4	Financing cash flow	\$m	243.8	232.7	130.1	17.5	(29.4) 7.3
NDATA	0/			<100	つしに ユ		Not each flour						, ,
NPATA EPS (NPATA underlying, diluted)	% %	na na	na na	>100 >100	205.7 205.7	(24.9) (24.9)	Net cash flow Free cash flow	\$m \$m	(230.7)	(25.0) (255.0)	(5.8) (135.9)	(22.9)	36.7



Electricity pricing trends

To give investors an indication of the extent of the changes in the pricing environment over the last three years, we have plotted the average price over the course of a day for the first half of the calendar year for each of CY20, CY21 and CY22 (Figure 1) and for the second half of those years (Figure 2).

While 1H21 showed some differentiation compared with 1H20 at peak times, this became more pronounced in 2H21 over 2H20. This reflected the fire at Callide Power Station late in the first half which caused significant fluctuations and instability that lasted well into the second half of CY21.

However, this paled in comparison with CY22 when higher coal and gas prices led to significantly higher marginal pricing in peak periods and greater spreads between troughs and peaks. The implications for the BBP are meaningful, in that the spread between the price paid when the battery is charging and the price received when discharging has increased substantially. While these trends have moderated somewhat in CY23 to date, the spread remains elevated compared with the time leading in to the BBP investment decision. As such, we believe the revenue and EBITDA from the BBP, once operational later this calendar year, could be substantially higher than our current forecasts (which are \$15m of revenue pa and \$11.3m of EBITDA).

Figure 1: Qld average daily pricing (\$/MWh) - 1HCY

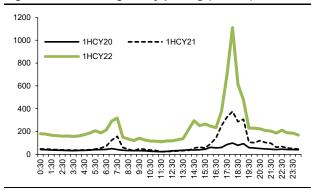
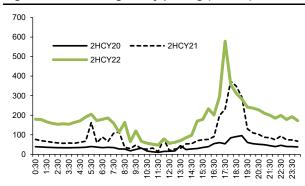


Figure 2: Qld average daily pricing (\$/MWh) - 2HCY

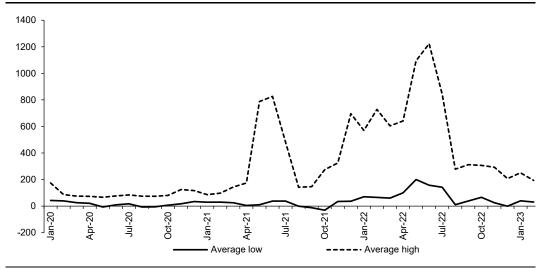


Source: AEMO, Petra Capital

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To illustrate this further, we have also plotted an estimate of the charge price and discharge price over the last three years. We stress this an estimate only which we have obtained by averaging the lowest prices over a 2-hour period for the average charge price and the highest prices over a 2-hour period for the average discharge price. Again, the volatility in pricing has moderated in CY23 but remains well above pre-investment decision levels.

Figure 3: Estimated charge and discharge price – last 3 years (\$/MWh)



Source: AEMO, Petra Capital



Key assumptions

Our capacity, generation, pricing, revenue and EBITDA assumptions are shown in Figure 4 split by asset.

Figure 4: Genex Power Asset Summary

Installed capacity (MW)	FY19A	FY20A	FY21A	FY22A	FY23F	FY24F	FY25F	FY26F
Kidston Solar	50	50	50	50	50	50	50	50
Jemalong Solar				50	50	50	50	50
Bouldercombe Battery						50	50	50
Kidston Hydro							250	250
Total	50	50	50	100	100	150	400	400
Generation (GWh)	FY19A	FY20A	FY21A	FY22A	FY23F	FY24F	FY25F	FY26F
Kidston Solar	126.8	116.5	118.8	116.0	118.0	117.9	117.6	121.9
Jemalong Solar				107.6	100.7	106.1	106.1	105.6
Bouldercombe Battery						36.5	36.5	36.5
Kidston Hydro							365.0	730.0
Total	126.8	116.5	118.8	223.5	218.7	260.4	625.1	994.0
Price (\$/MWh)	FY19A	FY20A	FY21A	FY22A	FY23F	FY24F	FY25F	FY26F
Kidston Solar	85.35	88.00	89.45	110.65	98.56	88.00	88.00	88.00
Jemalong Solar				112.26	136.65	131.45	124.42	121.82
Bouldercombe Battery						N/A	N/A	N/A
Kidston Hydro							N/A	N/A
Revenue (\$m)	FY19A	FY20A	FY21A	FY22A	FY23F	FY24F	FY25F	FY26F
Kidston Solar	10.8	10.3	10.6	12.8	11.6	10.4	10.3	10.7
Jemalong Solar				12.1	13.8	13.9	13.2	12.9
Bouldercombe Battery						15.0	15.0	15.0
Kidston Hydro - Rental							26.5	53.4
Total	10.8	10.3	10.6	24.9	25.4	39.3	65.0	92.0
EBITDA (\$m)	FY19A	FY20A	FY21A	FY22A	FY23F	FY24F	FY25F	FY26F
Kidston Solar	9.2	8.7	9.0	10.0	8.7	7.4	7.3	7.6
Jemalong Solar				10.6	12.6	12.7	11.8	11.3
Bouldercombe Battery						11.3	11.3	11.3
Kidston Hydro							20.7	41.7
Other revenue	4.8	2.0	3.1	2.4	1.5	1.5	1.5	1.5
Corporate costs	-8.4	-8.9	-10.4	-9.1	-7.9	-8.1	-8.2	-8.3
Total	5.6	1.8	1.8	13.8	14.9	24.8	44.4	65.1

Source: Genex Power, Petra Capital estimates



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