



**Q2 2024 Earnings Call**  
**August 8, 2024**



# SAFE HARBOR STATEMENT

Trading in the securities of the Company should be considered highly speculative. No stock exchange, securities commission, or other regulatory authority has approved or disapproved the information contained herein. Neither the TSX Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Exchange), Nasdaq or any other securities exchange or regulatory authority accepts responsibility for the adequacy or accuracy of this release.

## Forward-Looking Statements

This news release contains certain “forward-looking information” and “forward-looking statements” (collectively, “forward-looking information”) that are based on expectations, estimates and projections as at the date of this news release and are covered by safe harbors under Canadian and United States securities laws. The statements and information in this release regarding projected growth, target hashrate, opportunities relating to the Company’s geographical diversification and expansion, upgrading and deployment of miners as well as the timing therefor, improved financial performance and balance sheet liquidity, other growth opportunities and prospects, and other statements regarding future growth, plans and objectives of the Company, the out com of the strategic alternatives recommendations of the Special Committee of independent directors of the Company are forward-looking information. Any statements that involve discussions with respect to predictions, expectations, beliefs, plans, projections, objectives, assumptions, future events or performance (often but not always using phrases such as “expects”, or “does not expect”, “is expected”, “anticipates” or “does not anticipate”, “plans”, “budget”, “scheduled”, “forecasts”, “estimates”, “prospects”, “believes” or “intends” or variations of such words and phrases or stating that certain actions, events or results “may” or “could”, “would”, “might” or “will” be taken to occur or be achieved) are not statements of historical fact and may be forward-looking information.

This forward-looking information is based on assumptions and estimates of management of the Company at the time they were made, and involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance, or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by such forward-looking information. Such factors include, among others, risks relating to: the construction and operation of the Company’s facilities may not occur as currently planned, or at all; expansion may not materialize as currently anticipated, or at all; the power purchase agreements and economics thereof may not be as advantageous as expected; the digital currency market; the ability to successfully mine digital currency; revenue may not increase as currently anticipated, or at all; it may not be possible to profitably liquidate the current digital currency inventory, or at all; a decline in digital currency prices may have a significant negative impact on operations; an increase in network difficulty may have a significant negative impact on operations; the volatility of digital currency prices; the anticipated

growth and sustainability of hydroelectricity for the purposes of cryptocurrency mining in the applicable jurisdictions; the inability to maintain reliable and economical sources of power for the Company to operate cryptocurrency mining assets; the risks of an increase in the Company’s electricity costs, cost of natural gas, changes in currency exchange rates, energy curtailment or regulatory changes in the energy regimes in the jurisdictions in which the Company operates and the potential adverse impact on the Company’s profitability; the ability to complete current and future financings; the impact of the Restatement on the price of the Company’s common shares, financial condition and results of operations; the risk that a material weakness in internal control over financial reporting could result in a misstatement of the Company’s financial position that may lead to a material misstatement of the annual or interim consolidated financial statements if not prevented or detected on a timely basis; historical prices of digital currencies and the ability to mine digital currencies that will be consistent with historical prices; and the adoption or expansion of any regulation or law that will prevent Bitfarms from operating its business, or make it more costly to do so. For further information concerning these and other risks and uncertainties, refer to the Company’s filings on [www.sedarplus.ca](http://www.sedarplus.ca) (which are also available on the website of the U.S. Securities and Exchange Commission at [www.sec.gov](http://www.sec.gov)), including the MD&A for the year-ended December 31, 2023, filed on March 7, 2024 and the MD&A for the three and six months ended June 30, 2024 filed on August 8, 2024. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those expressed in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended, including factors that are currently unknown to or deemed immaterial by the Company. There can be no assurance that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on any forward-looking information. The Company undertakes no obligation to revise or update any forward-looking information other than as required by law.



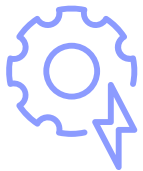
**Ben Gagnon**  
Chief Executive Officer

# LEADING BITFARMS INTO ITS NEXT CHAPTER

*"We are excellent builders and operators.  
Our skilled and passionate team believes in Bitfarms' vision."*

*- Ben Gagnon, Chief Executive Officer*

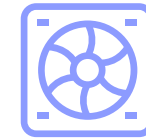
## We are committed to:



Diversifying our portfolio, including HPC/AI, heat recapturing, energy generation and trading.



Expanding our international portfolio and increasing our US presence in 2025 and beyond.



Pursuing miner purchases with creative structures for strategic advantage.

# ON TRACK TO DELIVER RECORD HASHRATE GROWTH & EFFICIENCY IMPROVEMENT

Transformative  
Fleet  
Upgrade

**11.1 EH/s**  
**25 w/TH**  
CURRENT

**21 EH/s**  
**21 w/TH**  
YE 2024

**35 EH/s**  
YE 2025

Operating  
Expansion &  
Optimization

**310 MW**  
CURRENT

**440 MW**  
**~100,000**  
MINERS DEPLOYED  
YE 2024

**648 MW**  
YE 2025

Vertically  
Integrated &  
Geographically  
Diversified

**12**  
DATA CENTERS  
Canada, USA, Argentina,  
Paraguay

**2**  
DATA CENTERS IN  
DEVELOPMENT  
USA, Paraguay

Q2 2024  
Highlights

**\$42M**  
REVENUE

**\$12M**  
ADJ. EBITDA

**51%**  
GROSS MINING  
MARGIN

**614**  
BITCOIN MINED

Strong  
Balance  
Sheet

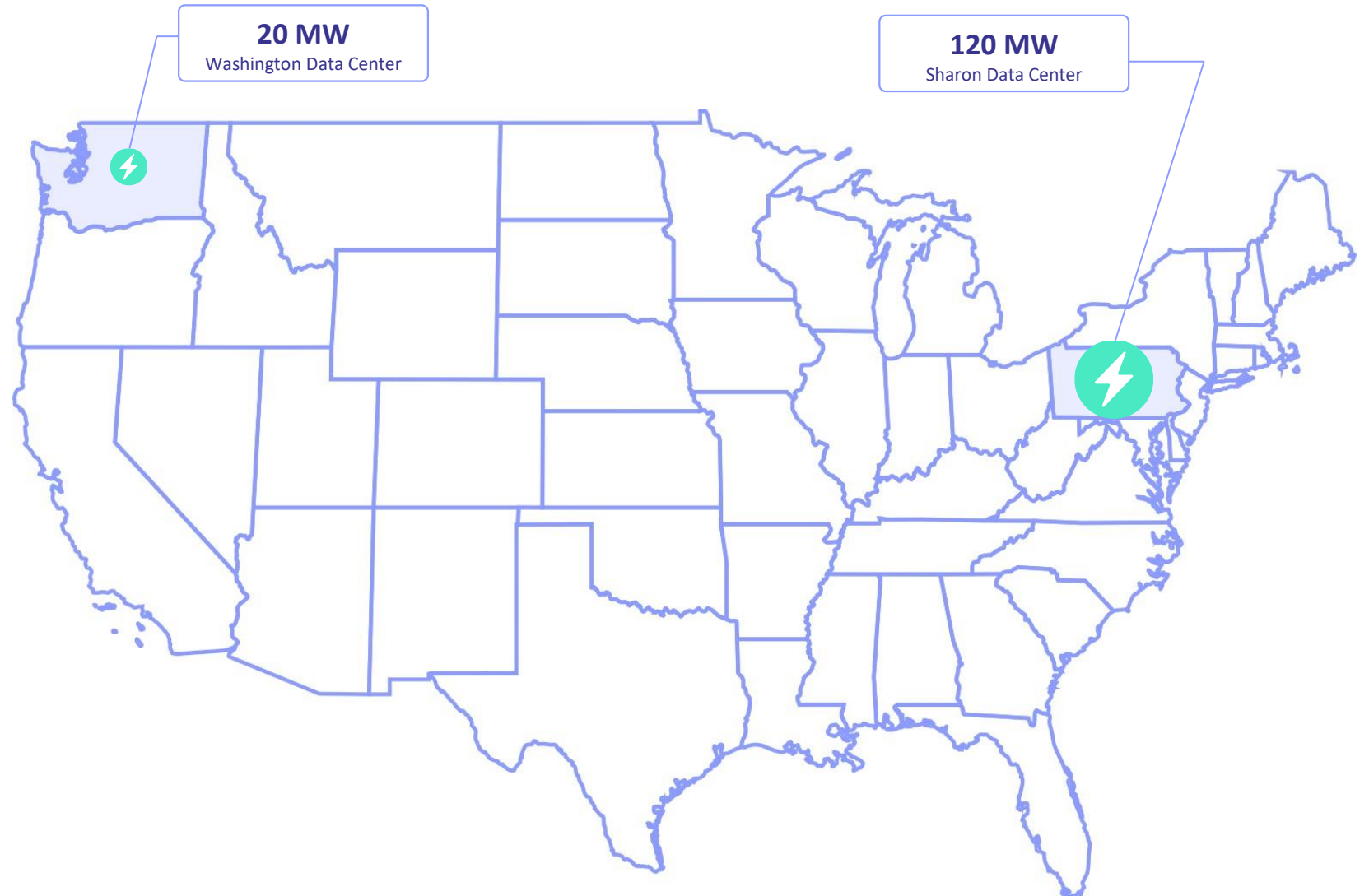
**\$195M**  
TOTAL  
LIQUIDITY\*

**1,016**  
BITCOIN  
HELD  
CURRENT

**2024**  
GROWTH FULLY  
FUNDED

# U.S. EXPANSION: 120MW IN PENNSYLVANIA

- **Executing on aggressive U.S. growth plan:** Sharon site will increase U.S. footprint 7x from 20 MW to 140 MW
- **Strategic geographical diversification**
- **Situated in PJM, the largest U.S. wholesale electricity market:** Low-cost, flexible power market; Potential to improve corporate electricity price
- **Positive ESG impact:** Grid stabilization programs support rapidly expanding renewable power generation
- **Well suited for HPC/AI opportunities**



# U.S. EXPANSION STRATEGY IN-LINE WITH FUTURE COMPELLING HPC/AI OPPORTUNITY

**\$80**

Revenue per MWh  
for BTC Mining\*

**\$140-\$210**

Revenue per MWh for  
HPC/AI Applications\*\*

**\$420 Billion**

Total Addressable Market for  
AI Cloud GPU Services by 2027\*\*

**12-24 Months**

Deployment Timeline for  
HPC/AI Build-Out

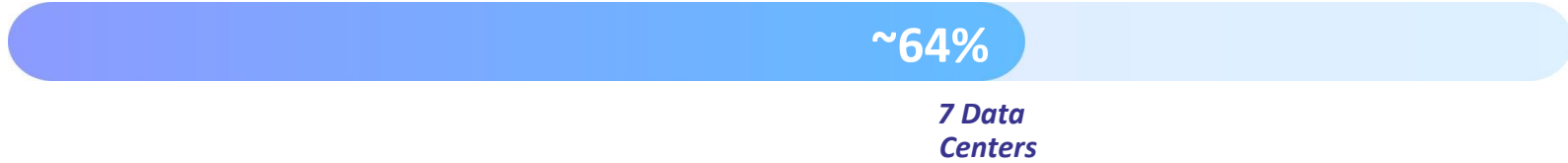
\*Assuming a Bitmain T21 miner in high-energy mode with a hashprice of 4c/TH on August 7, 2024

\*\*Source: Bloomberg

# PROGRESS TO 21 EH/s AND 21 w/TH



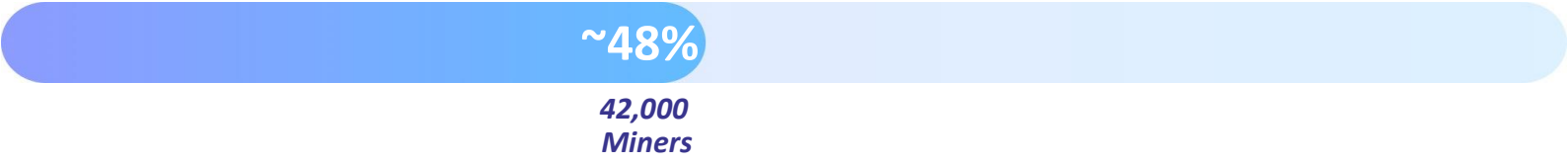
## Data Centers Updated



**11 Data Centers to be updated in 2024**



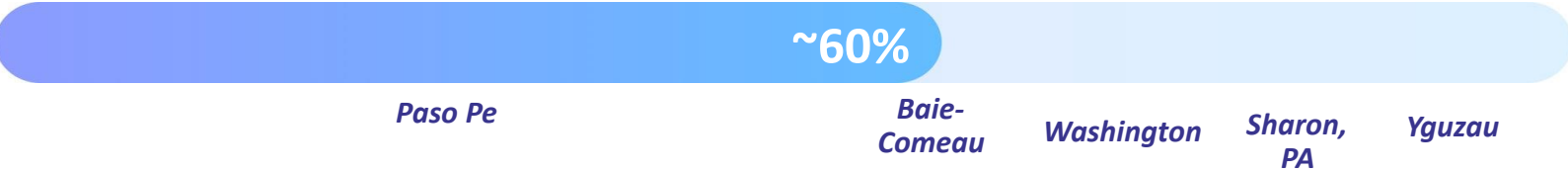
## Miners Deployed



**88,000 Miners to be deployed in 2024**



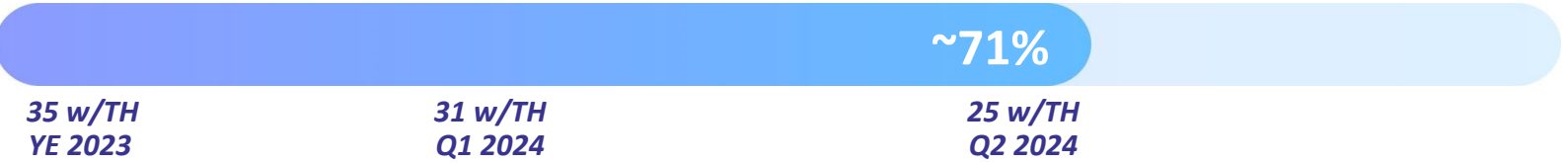
## Construction Progress



**5 Sites Under Construction in 2024**  
3 new data centers & 2 expanding data centers



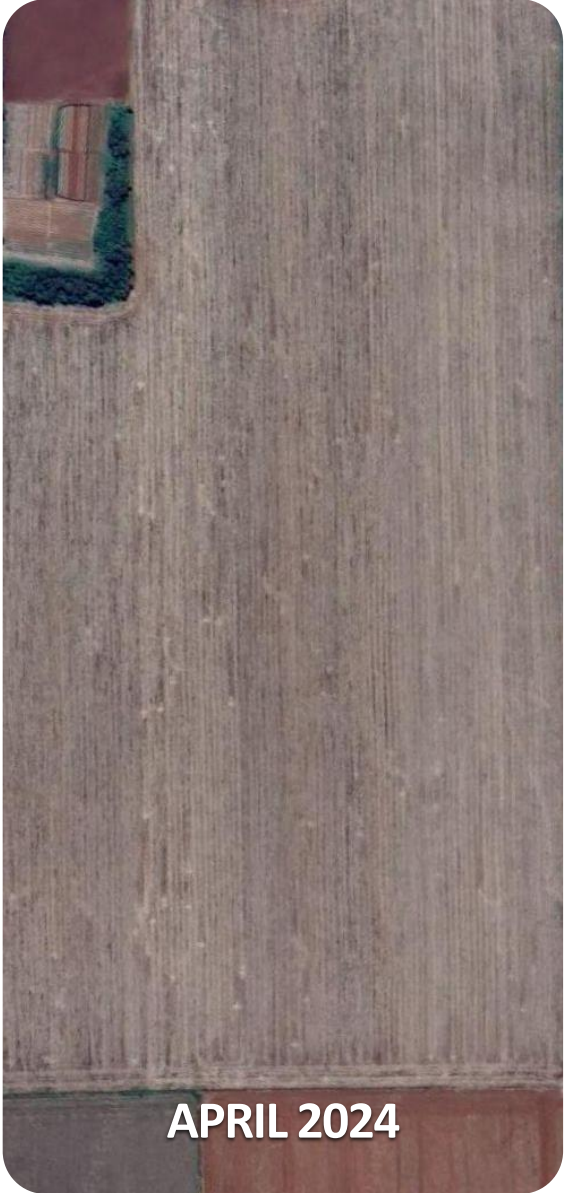
## Efficiency Improvement



**21 w/TH by YE 2024**



# CONSTRUCTION PROGRESS IN YGUAZU, PARAGUAY



# STRENGTHENING BOARD WITH APPOINTMENT OF FANNY PHILIP



- Ms. Philip joins as an Independent Director & serves on the Audit & Compensation committees
- Certified Public Accountant (CPA) & recognized leader and advisor in digital assets, mining and AI technology; Member of the Mining Committee of the Canadian Blockchain Consortium & President of Quebec chapter
- Accomplished finance executive with extensive background in audit, public company reporting, and M&A
- Professional Highlights
  - Currently serves as CFO of SOVIAGO, a European food production company
  - Founder of MTI Conseils, an accounting and outsourced CFO services consulting firm
  - Previously served as CFO and COO of SATO Technologies

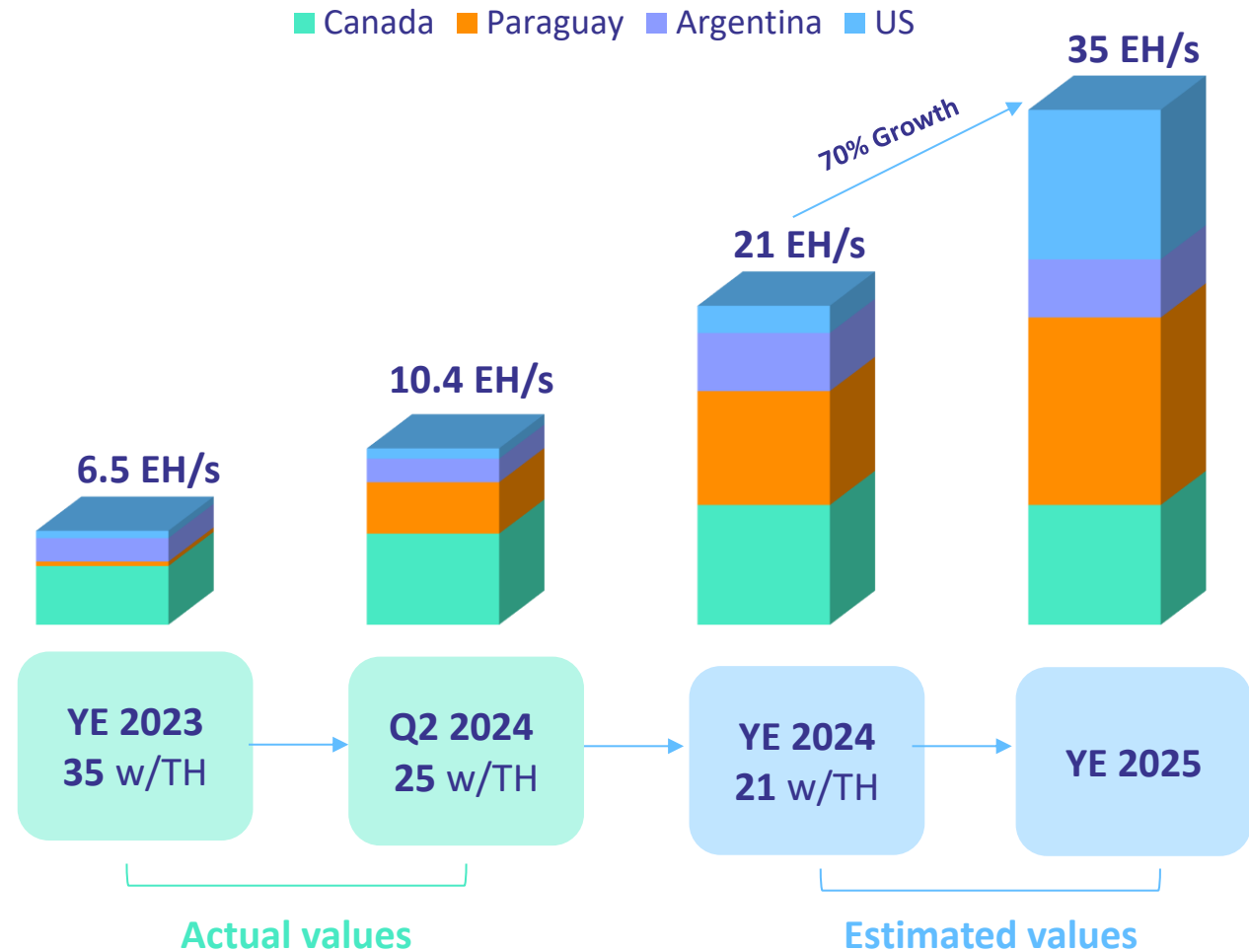
# STRONG GROWTH IN 2024 AND 2025

## 2024 Growth Outperforms BTC Mining Industry

- ✓ 83% Y/Y operating capacity increase
- ✓ 40% Y/Y fleet efficiency improvement
- ✓ 3x Y/Y increase in hashrate

## 2025 Growth Driven by U.S. & Paraguay Expansion

- ✓ ~50% Y/Y operating capacity increase
- ✓ ~70% Y/Y increase in hashrate



Capturing upside with no debt, rapidly increasing hashrate, improving energy efficiency & cost reductions

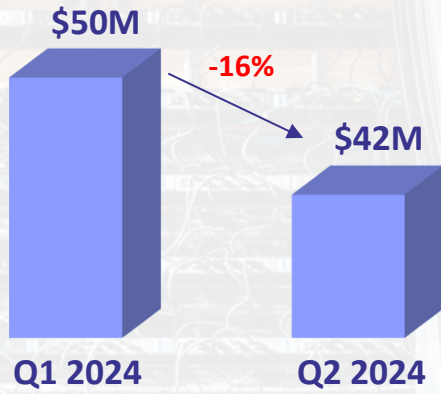


**Jeff Lucas**  
Chief Financial Officer

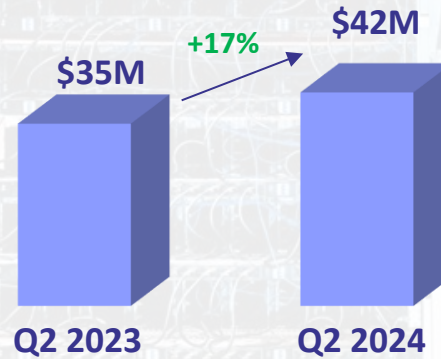
# Q2 2024 FINANCIAL PERFORMANCE

## Revenue

Q/Q

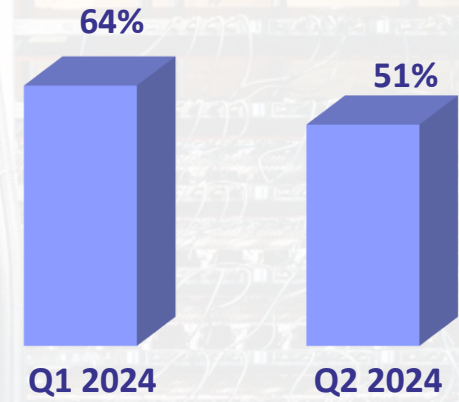


Y/Y

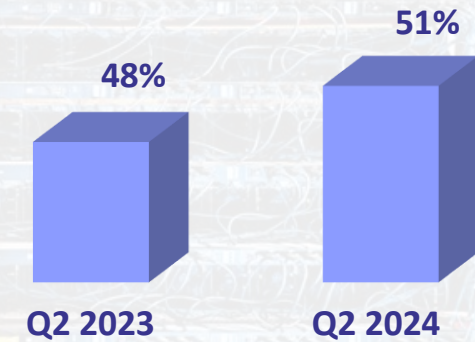


## Gross Mining Margin

Q/Q

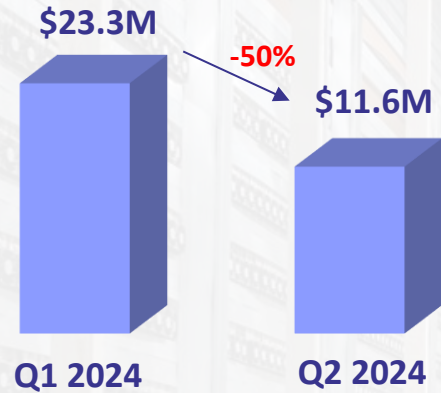


Y/Y

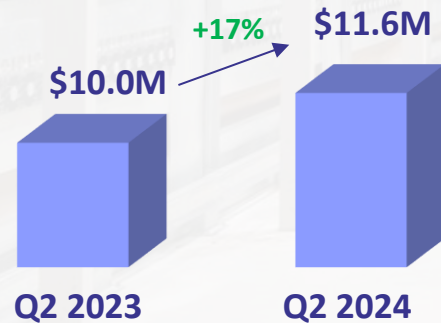


# ADJUSTED EBITDA

Q/Q



Y/Y



## Adjusted EBITDA

Cash profit/BTC x BTC earned + Profits from Volta

= A truer measure of the financial performance and the cash generating capability of our operating activities.

**Mark-to-market BTC revaluations are not included in Adjusted EBITDA**

# ROBUST LIQUIDITY FUNDING GROWTH

## Liquidity

At 6/30/24

**\$139M**

Cash

**\$57M**

BTC

**\$195M**

Total Liquidity

**Fully Funded to reach  
21 EH/s in 2024**



**Ben Gagnon**  
Chief Executive Officer



# WELL POSITIONED FOR CONTINUED GROWTH IN 2024 & BEYOND



**Continued improvements to operating profile** via fleet upgrades and portfolio expansion



Leverage low cost power, efficient hardware, operational excellence & strong financial positioning to generate **industry-leading yield-per-exahash & margin performance**



**Continued focus on diversification**, both geographic & beyond BTC mining



**Talented team of operators** with strong track-record, including navigating 2 Halvings

# Appendix

# Q2 BALANCE SHEET

	June 30, 2024	December 31, 2023	Δ \$	Δ %
<b>Assets</b>				
<b>Current Assets</b>	<b>237,289</b>	<b>129,984</b>	<b>107,305</b>	<b>83%</b>
Cash	138,619	84,038	54,581	65%
Trade receivables	735	714	21	3%
Other assets	17,627	1,494	16,133	nm
Short-term prepaid deposits	10,671	6,393	4,278	67%
Electrical component inventory	1,076	705	371	53%
Taxes receivable	450	-	450	100%
Digital assets	56,748	31,870	24,878	78%
Digital assets - pledged as collateral	-	2,101	(2,101)	(100%)
Derivative assets	2,255	1,281	974	76%
Assets held for sale	9,108	1,388	7,720	556%
<b>Non-current Assets</b>	<b>298,645</b>	<b>248,741</b>	<b>49,904</b>	<b>20%</b>
Property, plant and equipment	233,293	186,012	47,281	25%
Right-of-use assets	13,184	14,315	(1,131)	(8%)
Long-term deposits, equipment prepayments and other	47,790	44,714	3,076	7%
Intangible assets	4,378	3,700	678	18%
<b>Total Assets</b>	<b>535,934</b>	<b>378,725</b>	<b>157,209</b>	<b>42%</b>
<b>Liabilities</b>	<b>62,057</b>	<b>83,963</b>	<b>(21,906)</b>	<b>(26%)</b>
<b>Current liabilities</b>	<b>46,434</b>	<b>69,154</b>	<b>(22,720)</b>	<b>(33%)</b>
Trade payables and accrued liabilities	24,230	20,739	3,491	17%
Current portion of long-term debt	164	4,022	(3,858)	(96%)
Current portion of lease liabilities	2,008	2,857	(849)	(30%)
Taxes payable	-	1,110	(1,110)	(100%)
Warrant liabilities	20,032	40,426	(20,394)	(50%)
<b>Non-Current Liabilities</b>	<b>15,623</b>	<b>14,809</b>	<b>814</b>	<b>5%</b>
Long-term debt	1,487	-	1,487	100%
Lease liabilities	12,208	12,993	(785)	(6%)
Asset retirement provision	1,928	1,816	112	6%
<b>Equity</b>	<b>473,877</b>	<b>294,762</b>	<b>179,115</b>	<b>61%</b>
Share capital	727,055	530,123	196,932	37%
Contributed surplus	59,406	56,622	2,784	5%
Revaluation surplus	3,155	2,941	214	7%
Accumulated deficit	(315,739)	(294,924)	(20,815)	7%
<b>Total Liabilities and Equity</b>	<b>535,934</b>	<b>378,725</b>	<b>157,209</b>	<b>42%</b>

# Q2 INCOME STATEMENT

	Q2 2024	Q2 2023 (Restated)	Δ \$	Δ %
<b>Revenues</b>	<b>41,548</b>	<b>35,479</b>	<b>6,069</b>	<b>17%</b>
<b>Cost of revenues</b>	<b>(52,823)</b>	<b>(41,519)</b>	<b>(11,304)</b>	<b>27%</b>
Depreciation and amortization	(57,337)	(20,528)	(36,809)	179%
Sales tax recovery - depreciation and amortization	8,760	-	8,760	100%
Energy and infrastructure expenses	(20,390)	(19,916)	(474)	2%
Sales tax recovery - energy and infrastructure	17,017	-	17,017	100%
Other COS	(873)	(1,075)	202	(19%)
<b>Gross loss</b>	<b>(11,275)</b>	<b>(6,040)</b>	<b>(5,235)</b>	<b>87%</b>
<b>Gross margin</b>	<b>(27%)</b>	<b>(17%)</b>	-	-
<b>Gross Mining profit</b>	<b>20,650</b>	<b>16,355</b>	<b>4,295</b>	<b>26%</b>
<b>Gross Mining margin</b>	<b>51%</b>	<b>48%</b>	-	-
<b>General and administrative expenses</b>	<b>(12,402)</b>	<b>(9,155)</b>	<b>(3,247)</b>	<b>35%</b>
Salaries	(4,032)	(2,578)	(1,454)	56%
Share-based payments	(1,675)	(2,462)	787	(32%)
Professional services	(5,695)	(1,652)	(4,043)	245%
Sales tax recovery - professional services	1,389	-	1,389	100%
Insurance, Duties and other	(2,436)	(1,938)	(498)	26%
Other G&A	(706)	(525)	(181)	34%
Sales tax recovery - other general and administrative expenses	753	-	753	100%
<b>Gain (loss) on disposition of property, plant and equipment</b>	<b>99</b>	<b>7</b>	<b>92</b>	<b>nm</b>
<b>Impairment on short-term prepaid deposits and property, plant and equipment</b>	<b>-</b>	<b>(9,982)</b>	<b>9,982</b>	<b>100%</b>
<b>Operating loss</b>	<b>(23,578)</b>	<b>(25,170)</b>	<b>1,592</b>	<b>(6%)</b>
<b>Operating margin</b>	<b>(57%)</b>	<b>(71%)</b>	-	-
<b>Net financial expenses</b>	<b>(1,317)</b>	<b>(1,007)</b>	<b>(310)</b>	<b>31%</b>
<b>Net loss before income taxes</b>	<b>(24,895)</b>	<b>(26,177)</b>	<b>1,282</b>	<b>(5%)</b>
Income tax (expense) recovery	(1,704)	94	(1,798)	nm
<b>Net loss</b>	<b>(26,599)</b>	<b>(26,083)</b>	<b>(516)</b>	<b>2%</b>
<b>Change in revaluation surplus - digital assets, net of tax</b>	<b>(5,455)</b>	<b>579</b>	<b>(6,034)</b>	<b>nm</b>
<b>Total comprehensive loss, net of tax</b>	<b>(32,054)</b>	<b>(25,504)</b>	<b>(6,550)</b>	<b>26%</b>
<b>Adjusted EBITDA</b>	<b>11,618</b>	<b>9,968</b>	<b>1,650</b>	<b>17%</b>
<b>Adjusted EBITDA Margin</b>	<b>28%</b>	<b>28%</b>	-	-

# GLOSSARY

- *BTC BTC/day = Bitcoin or Bitcoin per day*
- *EH or EH/s = Exahash or exahash per second*
- *MW or MWh = Megawatts or megawatt hour*
- *PH or PH/s = Petahash or petahash per second*
- *TH or TH/s = Terahash or terahash per second*
- *w/TH = Watts per Terahash*
- *KWh = Kilowatt per hour*

# NON-IFRS PERFORMANCE MEASURES

This presentation makes reference to certain measures that are not recognized under IFRS and do not have a standardized meaning prescribed by IFRS. They are therefore unlikely to be comparable to similar measures presented by other companies. The Company uses non-IFRS measures including "Gross margin," "Operating margin," "EBITDA," "EBITDA margin," "Adjusted EBITDA," "Adjusted EBITDA margin," "Gross mining profit," and "Gross mining margin" as additional information to complement IFRS measures by providing further understanding of the Company's results of operations from management's perspective.

EBITDA and EBITDA margin are common measures used to assess profitability before the impact of different financing methods, income taxes, depreciation of capital assets and amortization of intangible assets. Adjusted EBITDA and Adjusted EBITDA margin are measures used to assess profitability before the impact of all of the items in calculating EBITDA in addition to certain other non-cash expenses. Gross mining profit and Gross mining margin are measures used to assess profitability after power costs in cryptocurrency production, the largest variable expense in mining. Management uses non-IFRS measures in order to facilitate operating performance comparisons from period to period and to prepare annual operating budgets.

"EBITDA" is defined as net income (loss) before:

- Interest expense
- Income tax expense
- Depreciation and amortization

"EBITDA margin" is defined as the percentage obtained when dividing EBITDA by Revenue. "Adjusted EBITDA" is defined as EBITDA adjusted to exclude:

- Share-based compensation

- Non-cash finance expenses
- Asset impairment charges
- Realized gains or losses on disposition of digital assets and (reversal of) revaluation loss on digital assets
- Gain on disposition of marketable securities, gains or losses on derivative assets and liabilities & discount expense on VAT receivable
- Loss on currency exchange
- Loss (gain) on revaluation of warrants and warrant issuance costs
- Sales tax recovery
- Other non-recurring items that do not reflect the core performance of the business.

"Adjusted EBITDA margin" is defined as the percentage obtained when dividing Adjusted EBITDA by Revenue. "Gross mining profit" is defined as Gross profit excluding depreciation and amortization and other minor items included in cost of sales that do not directly relate to mining related activities. "Gross mining margin" is defined as the percentage obtained when dividing Gross mining profit by Revenues from mining related activities.

These measures are provided as additional information to complement IFRS measures by providing further understanding of the Company's results of operations from management's perspective. Accordingly, they should not be considered in isolation nor as a substitute for analysis of the Company's financial information reported under IFRS.



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