



Cipher
Mining

Presentation for Business Update

AUGUST 7, 2025

Forward-Looking Statements

This communication contains certain forward-looking statements within the meaning of the federal securities laws of the United States. The Company intends such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 and includes this statement for purposes of complying with these safe harbor provisions. Any statements made in this communication that are not statements of historical fact, such as, statements about the Company's beliefs and expectations regarding its future results of operations and financial position, its planned business model and strategy, its bitcoin mining and HPC data center development, timing and likelihood of success, capacity, functionality and timing of operation of data centers, expectations regarding the operations of data centers, such as projected hashrate, potential strategic initiatives, such as joint ventures and partnerships, and management plans and objectives, are forward-looking statements and should be evaluated as such. These forward-looking statements generally are identified by the words "may," "will," "should," "expects," "plans," "anticipates," "could," "seeks," "intends," "targets," "projects," "contemplates," "believes," "estimates," "strategy," "future," "forecasts," "opportunity," "predicts," "potential," "would," "will likely result," "continue," and similar expressions (including the negative versions of such words or expressions).

These forward-looking statements are based upon estimates and assumptions that, while considered reasonable by Cipher and its management, are inherently uncertain. Such forward-looking statements are subject to risks, uncertainties, and other factors that could cause actual results to differ materially from those expressed or implied by such forward looking statements. New risks and uncertainties may emerge from time to time, and it is not possible to predict all risks and uncertainties. Many factors could cause actual future events to differ materially from the forward-looking statements in this communication, including but not limited to: volatility in the price of Cipher's securities due to a variety of factors, including changes in the competitive and regulated industry in which Cipher operates, Cipher's evolving business model and strategy and efforts it may make to modify aspects of its business model or engage in various strategic initiatives, variations in performance across competitors, changes in laws and regulations affecting Cipher's business, and the ability to implement business plans, forecasts, and other expectations and to identify and realize additional opportunities. The foregoing list of factors is not exhaustive. You should carefully consider the foregoing factors and the other risks and uncertainties described in the "Risk Factors" section of Cipher's Annual Report on Form 10-K for the fiscal year ended December 31, 2024 filed with the Securities and Exchange Commission ("SEC") on February 25, 2025, Cipher's Quarterly Report on Form 10-Q for the quarterly period ended June 30, 2025 to be filed with the SEC, and in Cipher's subsequent filings with the SEC. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Forward-looking statements speak only as of the date they are made. Readers are cautioned not to put undue reliance on forward-looking statements, and Cipher assumes no obligation and, except as required by law, does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise.

Website Disclosure

The Company maintains a dedicated investor website at <https://investors.ciphermining.com/investors> ("Investors' Website"). Financial and other important information regarding the Company is routinely posted on and accessible through the Investors' Website. Cipher uses its Investors' Website as a distribution channel of material information about the Company, including through press releases, investor presentations, reports and notices of upcoming events. Cipher intends to utilize its Investors' Website as a channel of distribution to reach public investors and as a means of disclosing material non-public information for complying with disclosure obligations under Regulation FD. In addition, you may sign up to automatically receive email alerts and other information about the Company by visiting the "Email Alerts" option under the Investors Resources section of Cipher's Investors' Website and submitting your email address.

Non-GAAP Financial Measures

This communication includes supplemental financial measures for Adjusted Earnings (Loss) and Adjusted Earnings (Loss) per share - diluted, in each case that exclude the impact of (i) the non-cash change in fair value of derivative asset, (ii) share-based compensation expense, (iii) depreciation and amortization, (iv) deferred income tax expense, (v) nonrecurring gains and losses and (vi) the non-cash change in fair value of warrant liability. These supplemental financial measures are not measurements of financial performance under accounting principles generally accepted in the United States ("GAAP") and, as a result, these supplemental financial measures may not be comparable to similarly titled measures of other companies. Management uses these non-GAAP financial measures internally to help understand, manage, and evaluate our business performance and to help make operating decisions. We believe the use of these non-GAAP financial measures can also facilitate comparison of our operating results to those of our competitors by excluding certain items that vary in our industry based on company policy.

Non-GAAP financial measures are subject to material limitations as they are not in accordance with, or a substitute for, measurements prepared in accordance with GAAP. For example, we expect that share-based compensation expense, which is excluded from the non-GAAP financial measure, will continue to be a significant recurring expense over the coming years and is an important part of the compensation provided to certain employees, officers and directors. Similarly, we expect that depreciation and amortization will continue to be a recurring expense over the term of the useful life of the related assets. Our non-GAAP financial measures are not meant to be considered in isolation and should be read only in conjunction with our condensed consolidated financial statements included elsewhere in this communication, which have been prepared in accordance with GAAP. We rely primarily on such condensed consolidated financial statements to understand, manage and evaluate our business performance and use the non-GAAP financial measures only supplementally.



Key Indicators

BITCOIN HELD

~1,034 BTC  **~1,063 BTC**
Q1 2025 Q2 2025

NEAR-TERM HASHRATE GROWTH

~16.8 EH/s  **~23.5 EH/s**
Q2 2025 Q3 2025

SELF-MINING FLEET EFFICIENCY

~20.8 J/TH  **~16.8 J/TH**
Q2 2025 Q3 2025

POWER PRICE

3.1 c/kwh
Weighted Avg. Price⁽¹⁾

POWER COST PER BTC

\$27,324
Q2 2025⁽²⁾

CURRENT OPERATIONS

477 MW
Operating Capacity Including JV Capacity

PIPELINE GROWTH

2.6 GW
Future Potential Capacity at 7 Sites⁽³⁾

Note: Values represented are approximations

(1) Represents the expected weighted average power price at Cipher's current sites assuming 150 MW at Black Pearl

(2) Reflects reconciled combined electricity cost from Q2 2025 of Odessa, Alborz, Bear & Chief, including TDU charges, taxes, settlement charges, TDSP charges, customer charges, 2021 storm surcharge, and net of revenue generated from opportunistic power sales

(3) Includes Black Pearl Phase II, Barber Lake, Stingray, Reveille, Mikeska, Milsing, and McLennan and assumes all load studies / regulatory approvals are passed to reach full potential capacity



Second Quarter Growth Update

Consistent Execution & Thoughtful Expansion

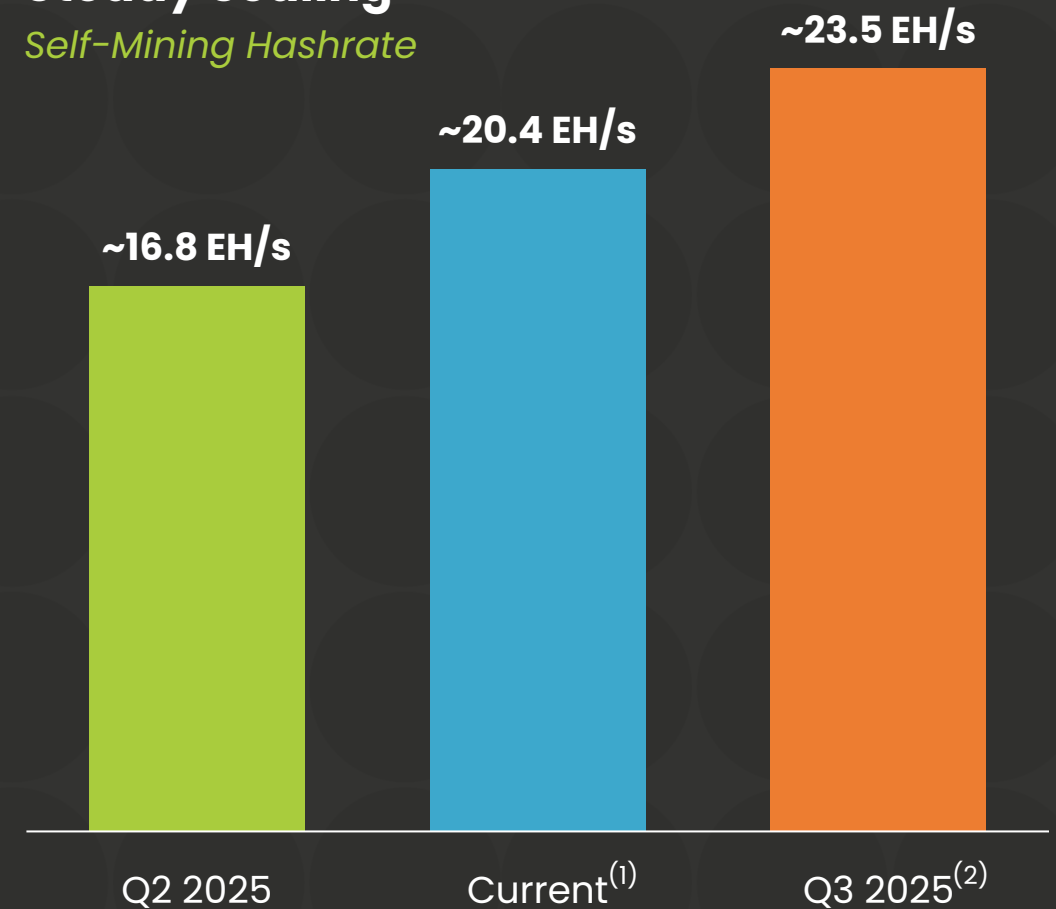
- **Bitcoin Mining**

- Black Pearl Phase I
 - Construction and energization successfully completed with ~6.9 EH/s currently deployed
 - Purchased ~1.5 EH/s of Canaan A15 Pro rigs, which will increase Black Pearl Phase I hashrate to ~10.0 EH/s in Q3 2025
 - Completed convertible offering raising net proceeds of ~\$168m to finalize funding for Black Pearl Phase I

- **HPC**

- Advanced tenant discussions at Barber Lake site
- New strategic plan at Black Pearl Phase II enables 150 MW of capacity designed to support both hydro BTC mining and HPC workloads

Steady Scaling *Self-Mining Hashrate*



(1) Reflects hashrate as of July 2025 with Black Pearl Phase I 150 MW deployment of delivered Bitmain S21 XP rigs from recent purchase order and previously utilized rigs from the Odessa site
(2) Assumes Black Pearl Phase I 150 MW deployment of Bitmain S21 XP and Canaan A15 Pro rigs from recent purchase orders



AI DATA CENTER GROWTH

“The United States is on track to require at least 50 gigawatts of electric capacity for AI by 2028 to sustain its AI leadership.”

Anthropic PBC

“Build AI in America” Report on 07/21/2025

ANTHROPIC

“We now expect to invest approximately \$85 billion in CapEx in 2025, up from a previous estimate of \$75 billion... Looking out to 2026, we expect a further increase in CapEx due to the demand we’re seeing from customers...”

Anat Ashkenazi, SVP & CFO, Alphabet and Google

Alphabet Inc. Q2 2025 Earnings Call on 07/23/2025

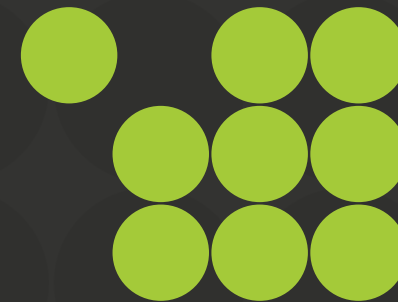
Alphabet

Black Pearl Phase II

DESIGN PHILOSOPHY

- Bridge the gap between the needs of BTC mining and AI compute
- Flexibility to support evolving hardware requirements as technology continues to advance
- Day 1 infrastructure efficiently convertible to Tier 1, 2, or 3 design specifications in response to tenant leasing preferences
- Current design and supply chain plan enables less than 6-month turnaround for conversions
- Buildout positions Cipher ahead of the curve, anticipating where the industry is heading and aligning our strategy accordingly





Current Portfolio

ODESSA

Operational Highlights



Odessa – 85% of BTC Production⁽¹⁾



~11.3 EH/s

Current Operating Hashrate



207 MW

Total Power Capacity



~\$24,686

All-in Electricity Cost per BTC
Q2 2025⁽²⁾



~17.6 J/TH

Odessa Fleet Efficiency⁽³⁾



- (1) Reflects approximate percentage of Cipher's Q2 '25 BTC production
- (2) Reflects electricity cost from Q2 '25, including TDU charges and net of revenue generated from opportunistic power sales
- (3) Reflects the estimated fleet efficiency at Odessa as of July 2025

Operational Highlights

Alborz, Bear & Chief – 13% of BTC Production⁽¹⁾



~4.4 EH/s

Current Operating Hashrate⁽²⁾



120 MW

Total Power Capacity



~\$44,594

All-in Electricity Cost per BTC
Q2 2025⁽³⁾

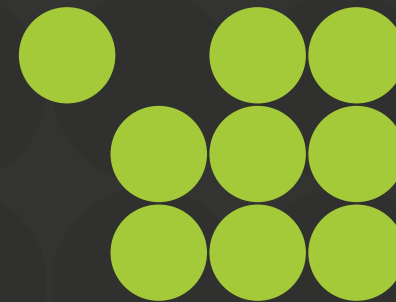


~25.7 J/TH

JV Sites Fleet Efficiency⁽⁴⁾



- (1) Reflects approximate percentage of Cipher's Q2 '25 BTC production
- (2) Joint venture with WindHQ LLC, of which Cipher owns ~2.2 EH/s
- (3) Reflects reconciled combined electricity cost from Q2 '25, including taxes, settlement charges, TDSP charges, customer charges, and 2021 storm surcharge
- (4) Reflects the estimated fleet efficiency at the joint venture sites as of July 2025



Development Pipeline

Black Pearl

Black Pearl Phase I – 2% of BTC Production⁽¹⁾



300 MW

Total Power
Capacity



70 Acres

Total
Acreage

- Phase I – 150 MW
 - Construction and energization completed on schedule in Q2 2025
 - Current hashrate of ~6.9 EH/s⁽²⁾ and efficiency of ~19.9 J/TH⁽²⁾
 - With addition of new rigs arriving in Q3 2025, Black Pearl Phase I hashrate and efficiency will improve to ~10.0 EH/s⁽³⁾ and ~13.9 J/TH⁽³⁾
- Phase II – 150 MW
 - Strategic buildout enables 150 MW of capacity designed to support both hydro BTC mining and HPC workloads

(1) Reflects approximate percentage of Cipher's Q2 '25 BTC production
(2) Reflects deployment of delivered Bitmain S21 XP rigs from recent purchase order and previously utilized rigs from the Odessa site
(3) Reflects deployment of Bitmain S21 XP and Canaan A15 Pro rigs from recent purchase orders



Barber Lake



300 MW

Approved
Power Capacity



587 Acres

Total
Acreage

- Site is energized and ready for construction
- Site features:
 - Newly constructed high-to-mid voltage substation
 - Approvals for 300 MW of interconnection / agreements necessary to participate in the ERCOT market
 - Signed MOU for additional 500 MW data center
 - Favorable water flow rates suitable for evaporative cooling applications for HPC / PUE optimization
 - Multiple, geographically diverse fiber routes to major metropolitan areas



Stingray



100 MW

Approved
Power Capacity



250 Acres

Total
Acreage

- Energization expected in Q3 2026
- Initiated development of substation and secured long-lead items including transformers and high-voltage breakers
- Site features:
 - 250 acres of owned land in West Texas
 - Approvals for 100 MW of interconnection / agreements necessary to participate in the ERCOT market



Reveille, Mikeska, Milsing, McLennan

Reveille



70 MW

Total Power Capacity



55 Acres

Total Acreage

Mikeska



500 MW

Total Power Capacity⁽¹⁾



100 Acres

Total Acreage

Milsing



500 MW

Total Power Capacity⁽¹⁾



187 Acres

Total Acreage

McLennan



500 MW

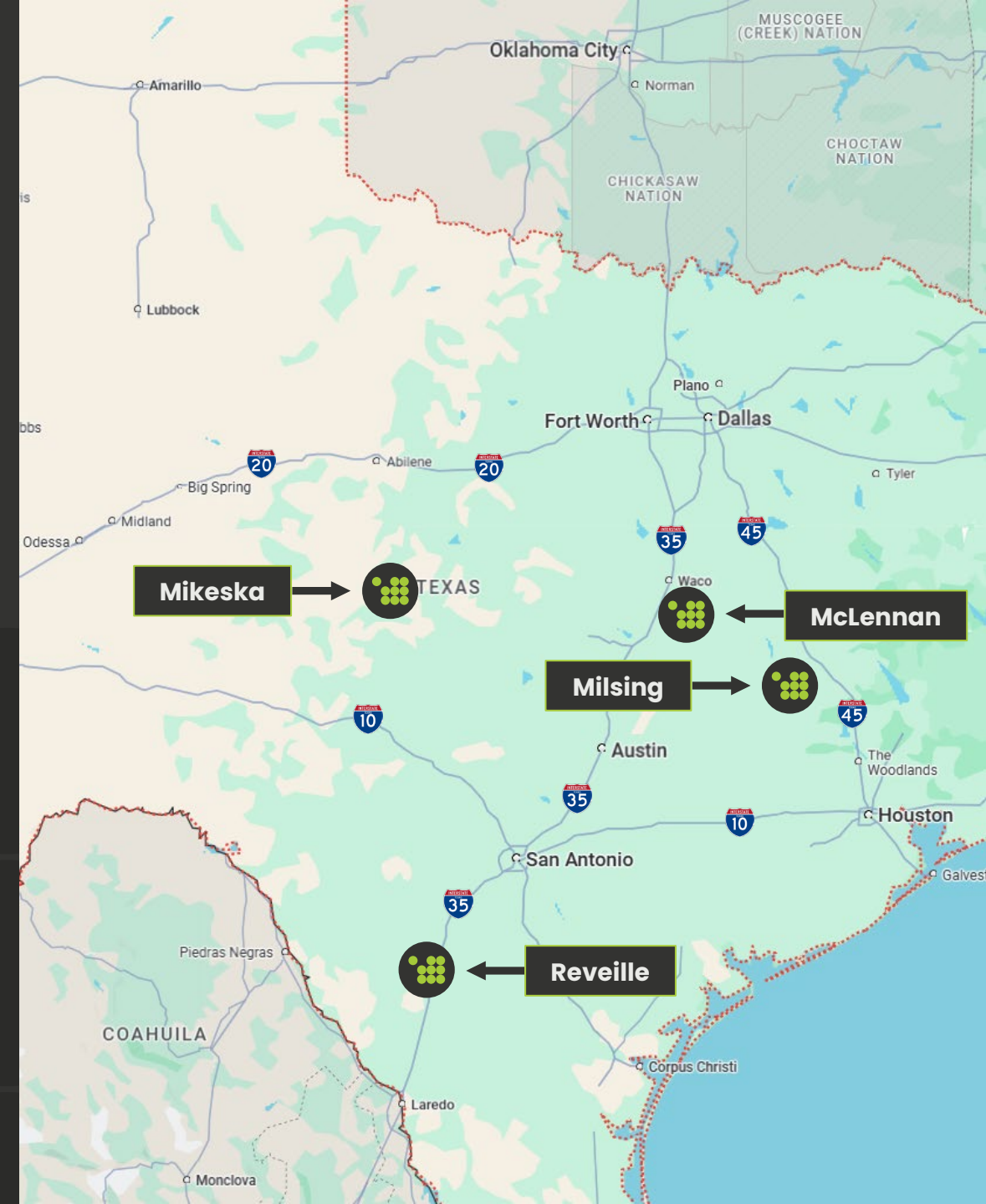
Total Power Capacity⁽¹⁾



319 Acres

Total Acreage

(1) Reflects total potential capacity of 500 MW per site – pending load studies and ERCOT LFL approval





Financial Update

Q2 2025

Quarter Over Quarter Financial Highlights

REVENUES

\$49m

Q1 2025



\$44m

Q2 2025

GAAP NET EARNINGS

(\$39m)

Q1 2025



(\$46m)

Q2 2025

GAAP NET EARNINGS PER SHARE

(\$0.11)

Q1 2025



(\$0.12)

Q2 2025

ADJUSTED EARNINGS

\$6m

Q1 2025



\$30m

Q2 2025

ADJUSTED EARNINGS PER SHARE

\$0.02

Q1 2025



\$0.08

Q2 2025



Q2 2025 Year Over Year Financial Highlights

REVENUES

\$37m

Q2 2024



\$44m

Q2 2025

GAAP NET EARNINGS

(\$15m)

Q2 2024



(\$46m)

Q2 2025

GAAP NET EARNINGS PER SHARE

(\$0.05)

Q2 2024



(\$0.12)

Q2 2025

ADJUSTED EARNINGS

(\$3m)

Q2 2024



\$30m

Q2 2025

ADJUSTED EARNINGS PER SHARE

(\$0.01)

Q2 2024



\$0.08

Q2 2025



Results of Operations QoQ and YoY Comparison

	Three Months Ended		Three Months Ended	
	June 30, 2025	March 31, 2025	June 30, 2025	June 30, 2024
Revenue - bitcoin mining	\$ 43,565	\$ 48,959	\$ 43,565	\$ 36,808
Costs and operating (expenses) income				
Cost of revenue	(15,330)	(14,894)	(15,330)	(14,281)
Compensation and benefits	(15,659)	(14,303)	(15,659)	(16,285)
General and administrative	(9,078)	(8,951)	(9,078)	(8,365)
Depreciation and amortization	(44,086)	(43,467)	(44,086)	(20,251)
Change in fair value of derivative asset	(15,480)	7,330	(15,480)	21,980
Power sales	1,376	991	1,376	1,109
Equity in (losses) income of equity investees	(1,701)	(5,292)	(1,701)	(577)
Unrealized gains (losses) on fair value of bitcoin	17,143	(20,178)	17,143	(21,178)
Realized (losses) gains on sale of bitcoin	(3,639)	12,196	(3,639)	4,869
Other operating losses	(2,354)	(479)	(2,354)	-
Total costs and operating expenses	(88,808)	(87,047)	(88,808)	(52,979)
Operating loss	(45,243)	(38,088)	(45,243)	(16,171)
Other income (expense)				
Interest income	296	190	296	1,053
Interest expense	(1,137)	(777)	(1,137)	(372)
Change in fair value of warrant liability	-	-	-	-
Other income (expense)	1,220	(156)	1,220	727
Total other income (expense)	379	(743)	379	1,408
Loss before taxes	(44,864)	(38,831)	(44,864)	(14,763)
Current income tax expense	(1,145)	(779)	(1,145)	(335)
Deferred income tax benefit (expense)	228	635	228	(193)
Total income tax expense	(917)	(144)	(917)	(528)
Net loss	\$ (45,781)	\$ (38,975)	\$ (45,781)	\$ (15,291)
Loss per share - basic and diluted	\$ (0.12)	\$ (0.11)	\$ (0.12)	\$ (0.05)
Weighted average shares outstanding – basic	375,052,248	360,514,620	375,052,248	314,353,742
Weighted average shares outstanding – diluted	375,052,248	360,514,620	375,052,248	314,353,742

Note: In thousands, except for share and per share amounts



Non-GAAP Adjusted Earnings QoQ and YoY Comparison

	Three Months Ended		Three Months Ended June 30,	
	June 30, 2025	March 31, 2025	2025	2024
Reconciliation of Adjusted Earnings:				
Net (loss) income	\$ (45,781)	\$ (38,975)	\$ (45,781)	\$ (15,291)
Change in fair value of derivative asset	15,480	(7,330)	15,480	(21,980)
Share-based compensation expense	10,493	9,132	10,493	13,337
Depreciation and amortization	44,086	43,467	44,086	20,251
Deferred income tax (benefit) expense	(228)	(635)	(228)	193
Other losses – nonrecurring	6,299	479	6,299	—
Change in fair value of warrant liability	—	—	—	—
Adjusted earnings (loss)	<u>\$ 30,349</u>	<u>\$ 6,138</u>	<u>\$ 30,349</u>	<u>\$ (3,490)</u>
	Three Months Ended		Three Months Ended June 30,	
	June 30, 2025	March 31, 2025	2025	2024
Reconciliation of Adjusted Earnings per share - diluted:				
Net loss per share – diluted	\$ (0.12)	\$ (0.11)	\$ (0.12)	\$ (0.05)
Change in fair value of derivative asset per diluted share	0.03	(0.02)	0.03	(0.06)
Share-based compensation expense per diluted share	0.03	0.03	0.03	0.04
Depreciation and amortization per diluted share	0.12	0.12	0.12	0.06
Deferred income tax (benefit) expense per diluted share	—	—	—	—
Other losses - nonrecurring per diluted share	0.02	—	0.02	—
Change in fair value of warrant liability per diluted share	—	—	—	—
Adjusted earnings (loss) per diluted share	<u>\$ 0.08</u>	<u>\$ 0.02</u>	<u>\$ 0.08</u>	<u>\$ (0.01)</u>



Consolidated Balance Sheets



	June 30, 2025	December 31, 2024
ASSETS		
Current assets		
Cash and cash equivalents	\$ 62,704	\$ 5,585
Accounts receivable	1,575	596
Receivables, related party	249	2,090
Prepaid expenses and other current assets	7,417	3,387
Bitcoin	112,089	92,651
Receivable for bitcoin collateral	-	32,248
Derivative asset	35,629	31,648
Total current assets	219,663	168,205
Restricted cash	14,392	14,392
Property and equipment, net	473,887	480,865
Deposits on equipment	183,028	38,872
Intangible assets, net	9,229	8,881
Investment in equity investees	45,901	53,908
Derivative asset	41,891	54,022
Operating lease right-of-use asset	12,288	12,561
Security deposits	13,794	19,782
Other noncurrent assets	4,686	3,958
Total assets	\$ 1,018,759	\$ 855,446
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities		
Accounts payable	\$ 14,871	\$ 22,699
Accrued expenses and other current liabilities	30,180	69,824
Finance lease liability, current portion	4,011	3,798
Operating lease liability, current portion	3,444	3,127
Short-term borrowings	-	32,330
Total current liabilities	52,506	131,778
Long-term borrowings, net	167,113	-
Asset retirement obligations	32,110	20,282
Finance lease liability	5,270	7,331
Operating lease liability	9,450	9,833
Deferred tax liability	3,406	4,269
Total liabilities	269,855	173,493
Commitments and contingencies (Note 13)		
Stockholders' equity		
Preferred stock, \$0.001 par value; 10,000,000 shares authorized, none issued and outstanding as of June 30, 2025, and December 31, 2024	-	-
Common stock, \$0.001 par value, 500,000,000 shares authorized, 388,123,588 and 361,432,449 shares issued as of June 30, 2025 and December 31, 2024, respectively, and 386,758,546 and 350,783,817 shares outstanding as of June 30, 2025, and December 31, 2024, respectively	388	361
Additional paid-in capital	1,014,686	863,015
Accumulated deficit	(266,168)	(181,412)
Treasury stock, at par, 1,365,042 and 10,648,632 shares at June 30, 2025 and December 31, 2024, respectively	(2)	(11)
Total stockholders' equity	748,904	681,953
Total liabilities and stockholders' equity	\$ 1,018,759	\$ 855,446

Note: In thousands, except for share and per share amounts

