



September 9th, 2024

Cohen & Company Capital Markets:

BTC MINING MARKET DATA

Market Performance – Key Assets and Indices

						%	Change		
Asset / Index	Ticker	Price / Level	% 52-Wk	7 Days	30 Days	1 Year	MTD	QTD	YTD
Natural Resources									
Natural Gas (Henry Hub)	HHGAS	\$2.01	59.5%	6.3%	9.8%	(25.6%)	4.1%	(9.0%)	(21.5%)
Bitcoin Network									
Hashprice (\$/PH/Day)	NA	\$42.98	22.6%	0.0%	16.2%	(28.1%)	0.0%	(10.9%)	(54.0%)
Network Hashrate (EH/s)	NA	691	95.2%	0.0%	(3.7%)	67.4%	0.0%	15.2%	48.5%
Transaction Fees as % of Reward	NA	1.7%	0.6%	0.0%	(8.6%)	(27.8%)	0.0%	(58.6%)	(90.1%)
Digital Assets									
Bitcoin	BTC	\$57,902.00	79.2%	(2.2%)	7.1%	124.2%	(2.0%)	(7.8%)	29.1%
Ethereum	ETH	\$2,443.60	60.0%	(3.5%)	0.9%	49.9%	(3.3%)	(28.9%)	3.9%
Solana	SOL	\$128.13	63.3%	(13.0%)	(7.5%)	554.5%	(0.5%)	(12.5%)	17.3%
Ripple	XRP	\$0.56	77.8%	(2.4%)	13.8%	11.9%	(1.8%)	16.9%	(11.0%)
Indices									
S&P 500	SPX	5,520.07	97.4%	(1.3%)	6.4%	22.2%	(2.3%)	0.8%	16.4%
NASDAQ Composite	COMP	17,084.30	91.6%	(2.7%)	5.5%	21.8%	(3.6%)	(4.4%)	15.7%
Valkyrie BTC Miners ETF	WGMI	\$15.76	58.9%	(11.4%)	(9.0%)	41.5%	(11.3%)	(31.7%)	(9.9%)
Market Volatility Index	VIX	21.32	55.3%	24.6%	(44.7%)	62.9%	42.1%	74.5%	61.5%
Gold	GoldCOMP	\$2,493.96	98.8%	(0.4%)	3.5%	28.6%	(0.4%)	6.9%	21.1%
Oil	CL00	\$69.20	73.9%	(7.1%)	(5.1%)	(19.1%)	(5.9%)	(17.0%)	(1.7%)
IG Corp Bond	LQD	\$111.83	99.7%	0.1%	1.4%	6.5%	0.6%	5.4%	1.7%
HY Corp Bond	HYG	\$78.97	99.5%	(0.4%)	2.3%	5.2%	(O.5%)	2.9%	2.4%
LT US Treasury	TLT	\$99.01	98.5%	1.2%	0.2%	4.4%	2.6%	10.1%	0.7%
Real Yields									
5Y TIPS	DFII5	1.7%	64.1%	1.2%	(2.9%)	(23.1%)	(2.4%)	(22.8%)	(5.7%)
10Y TIPS	DFII10	1.7%	67.5%	0.6%	(0.6%)	(14.1%)	(3.4%)	(21.3%)	(2.3%)

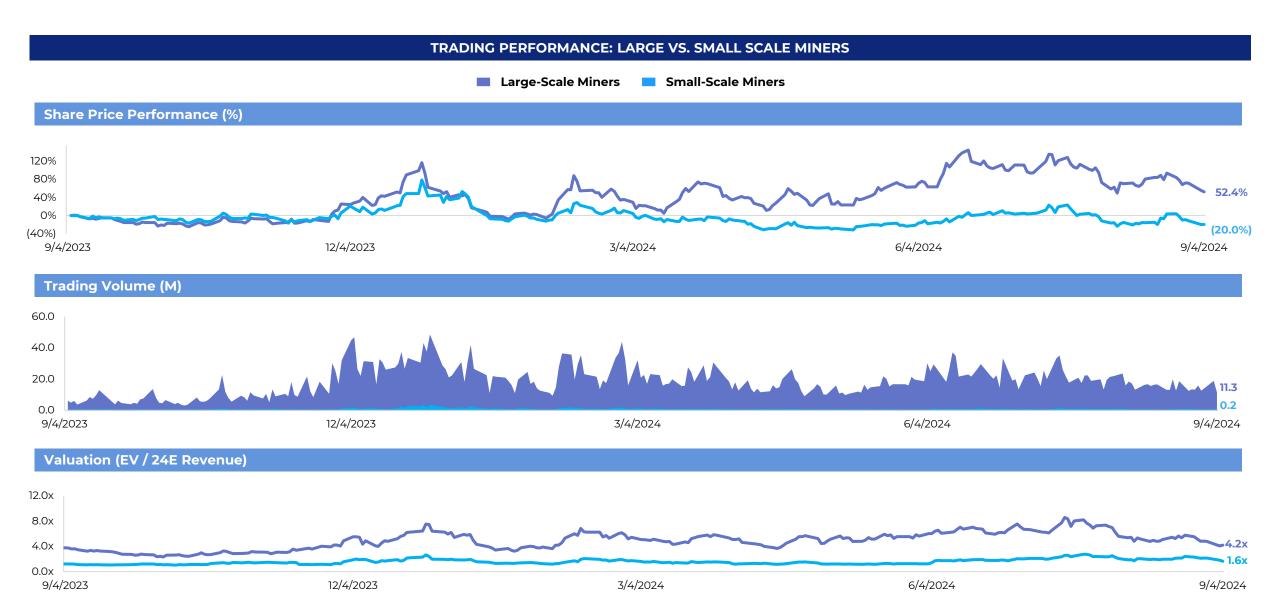


Recent Larger Financings by Bitcoin Miners

Closed Date	Issuer		Size as a % of Market Cap	Financing Type	Investor	Maturity	Interest	Conversion Price / Premium	Warrants / % Coverage	Warrant Terms	Expected Dilution %	Δ% in Stock Since Closing
Announced 9/5/2024	Applied Digital Corporation	\$160	31.4%	Common Stock	Nvidia & Related Companies	-	-	Priced at Current Market Price	-	-	23.9%	+65.7%
8/30/2024	Applied Digital Corporation	\$50	8.7%	Convertible Preferred Stock	Yorkville Advisors	-	8.00%	\$7.00; 92%	-	-	4.5%	+47.1%
8/20/2024	Bitdeer Technologies Group	\$173	18.0%	Convertible Unsecured Senior Notes	Syndicated	8/15/2029	8.50%	\$8.55; 35%	-	-	13.2%	(10.5%)
8/19/2024	Core Scientific	\$460	18.8%	Convertible Unsecured Senior Notes	Syndicated	9/1/2029	3.00%	\$11.00; 30%	-	-	16.2%	(1.4%)
8/14/2024	Marathon Digital Holdings	\$300	6.0%	Convertible Unsecured Senior Notes	Syndicated	9/1/2031	2.125%	\$18.89; 11%	-	-	5.4%	(8.6%)
7/1/2024	Hut 8 Corporation	\$150	13.4%	Convertible Notes	Coatue	7/1/2029	8.00%	\$16.34; 45%	-	-	10.1%	(37.7%)
6/7/2024	Applied Digital Corporation	\$125	20.7%	Promissory Note w/ \$75M Accordion	CIM Group	6/7/2027	12.00%	-	9.3M; 7.4% Warrant Coverage	\$4.80 Strike; 5 Years	2.2%	+19.3%
5/24/2024	Applied Digital Corporation	\$43	7.6%	Convertible Unsecured Debentures	Syndicated	5/24/2025	None	Floating; Lower of \$8 and 95% VWAP	-	-	4.3% at \$8 Conversion Price; 11.4% at \$3 Floor Price	+16.5%
3/27/2024	Applied Digital Corporation	\$50	11.0%	Convertible Unsecured Debentures	Syndicated	4/8/2025	None	Floating; Lower of \$6 and 95% VWAP	-	-	7.8% at \$6 Conversion Price; 15.7% at \$3 Floor Price	+23.4%
11/28/2023	Bitfarms Limited	\$44	13.7%	Common Stock + Warrants	Syndicated	-	-	Priced at a 15% Discount to Market Price	22.2M; 50% Warrant Coverage	\$1.17 Strike; 3 Years	24.0%	+42.5%



LTM Public Miner Performance



Bitcoin Miner ATM Registrations Since 2020

Filing Date	Issuer	ATM Size (\$M)	Market Cap at Filing (\$M)	% of Market Cap	Gross Spread
8/9/2024	Riot Platforms Inc	750	2,522	30%	3.0%
7/9/2024	Applied Digital Corp	125	1,046	12%	3.0%
5/23/2024	TeraWulf Inc	200	720	28%	3.0%
5/6/2024	Applied Digital Corp	25	402	6%	3.0%
4/19/2024	Gryphon Digital Mining Inc.	70	53	133%	3.0%
3/28/2024	CleanSpark Inc	800	4,577	17%	3.0%
3/21/2024	Iris Energy Ltd	200	525	38%	3.0%
3/18/2024	Bitdeer Technologies Group	250	829	30%	3.0%
3/8/2024	Bitfarms Ltd	375	892	42%	3.0%
3/6/2024	Cipher Mining Inc	200	1,076	19%	3.0%
2/29/2024	Marathon Digital Holdings Inc	1,500	6,932	22%	3.0%
1/5/2024	CleanSpark Inc	500	1,935	26%	3.0%
10/24/2023	Marathon Digital Holdings Inc	750	1,898	40%	3.0%
9/13/2023	Iris Energy Ltd	300	297	101%	3.0%
9/5/2023	SAI.TECH Global Corp	10	17	59%	3.0%
8/9/2023	Riot Platforms Inc	750	2,978	25%	3.0%
8/4/2023	Cipher Mining Inc	250	864	29%	3.0%
6/26/2023	Applied Digital Corp	125	882	14%	3.0%
5/23/2023	Stronghold Digital Mining Inc	15	51	29%	3.0%
9/21/2022	Cipher Mining Inc	250	370	68%	3.0%
10/3/2022	Greenidge Generation Holdings Inc	23	85	27%	3.0%
9/2/2022	HIVE Blockchain Technologies Ltd	100	394	25%	3.0%
8/17/2022	Hut 8 Mining Corp	200	581	34%	3.0%
4/26/2022	TeraWulf Inc	200	416	48%	3.0%
3/31/2022	Bit Digital Inc	500	262	191%	3.0%
3/31/2022	Riot Blockchain Inc	500	2,483	20%	3.0%
2/11/2022	Marathon Digital Holdings Inc	750	2,967	25%	3.0%
8/31/2021	Riot Blockchain Inc	600	3,581	17%	3.0%
8/16/2021	Bitfarms Ltd	500	1,298	39%	3.0%
6/3/2021	CleanSpark Inc	500	582	86%	3.0%
12/11/2020	Marathon Patent Group Inc	200	250	80%	3.0%
12/4/2020	Riot Blockchain Inc	100	675	15%	3.0%
10/7/2020	Riot Blockchain Inc	100	126	79%	3.0%
8/6/2020	Marathon Patent Group Inc	100	125	80%	3.0%
Mean:		348	1,256	45%	3.0%
Median:		225	698	30%	3.0%

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C O — CAPITAL MARKETS —

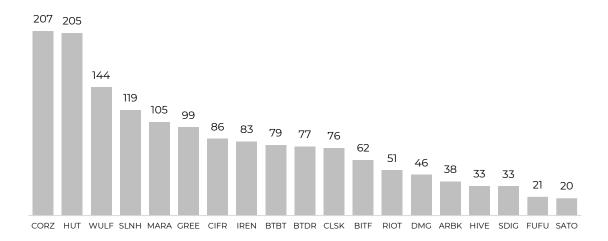
Over \$5.2B Raised through by Public Miners in 2024

\$M as of 09/04/2024	2024 Publ	ic Markets Activity		Total
Ticker	АТМ	ELOC	PIPE / Convertibles	ATM + ELOC + PIPE + Convertibles
RIOT	\$577.0	-		\$577.0
MARA	\$997.9	-	\$300.0	\$1,297.9
BTDR	-	\$50.8	\$322.5	\$373.3
CORZ	-	-	\$460.0	\$460.0
APLD	\$23.1	-	\$215.0	\$238.1
NB2	-	-	-	-
CIFR	\$160.4	-	-	\$160.4
CLSK	\$916.5	-	-	\$916.5
HUT	-	-	\$150.0	\$150.0
WULF	\$189.3	-	-	\$189.3
HIVE	\$58.6	-	-	\$58.6
IREN	\$339.1	-	-	\$339.1
BITF	\$174.5	-	-	\$174.5
ВТВТ	\$113.9	-	-	\$113.9
SDIG	-	-	-	-
ARBK	-	-	\$18.4	\$18.4
BTCM	-	-	-	-
SAI	-	-	-	-
SLNH	-	-	\$30.0	\$30.0
GREE	-	-	\$26.0	\$26.0
SATO	-	-	-	-
GRDI	-	-	-	-
GRYP	\$0.8	-	-	\$0.8
DMG	-	-	-	-
FUFU	<u> </u>		\$77.1	\$77.1
Total	\$3,551.0	\$50.8	\$1,598.9	\$5,200.7

Trading Multiples

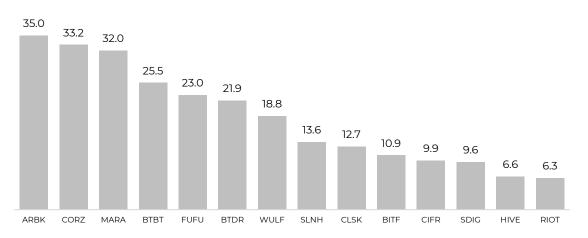
EV / Current Proprietary Hashrate

(\$M / EH/s)



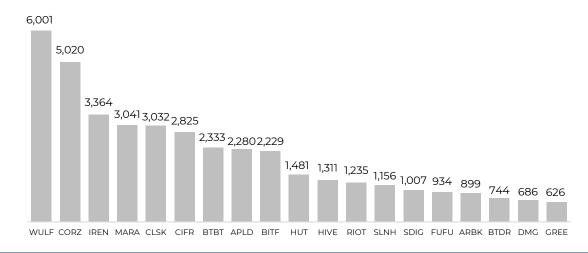
EV / Hashspread⁽¹⁾

(x)



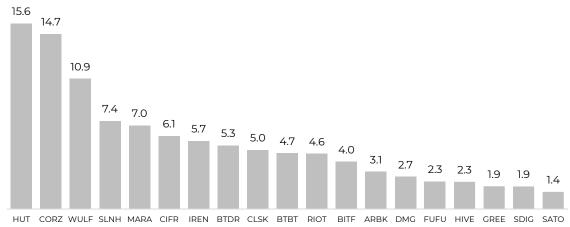
EV / Current Installed Capacity

(\$'000 / MW)



EV / Annualized BTC Production⁽²⁾

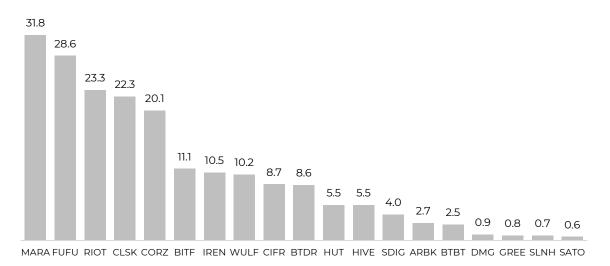
(x)



Operating Metrics

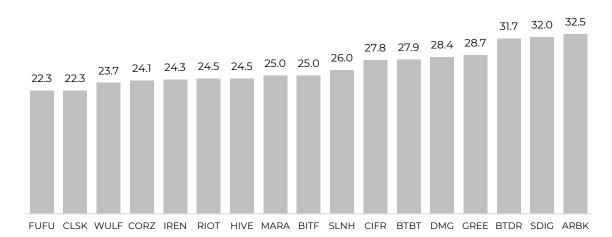
Current Proprietary Hashrate

(EH/s)



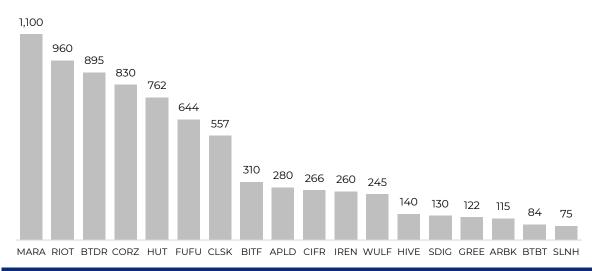
Current Fleet Efficiency

(J/TH)

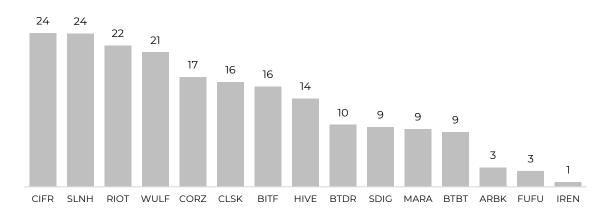


Current Installed Capacity

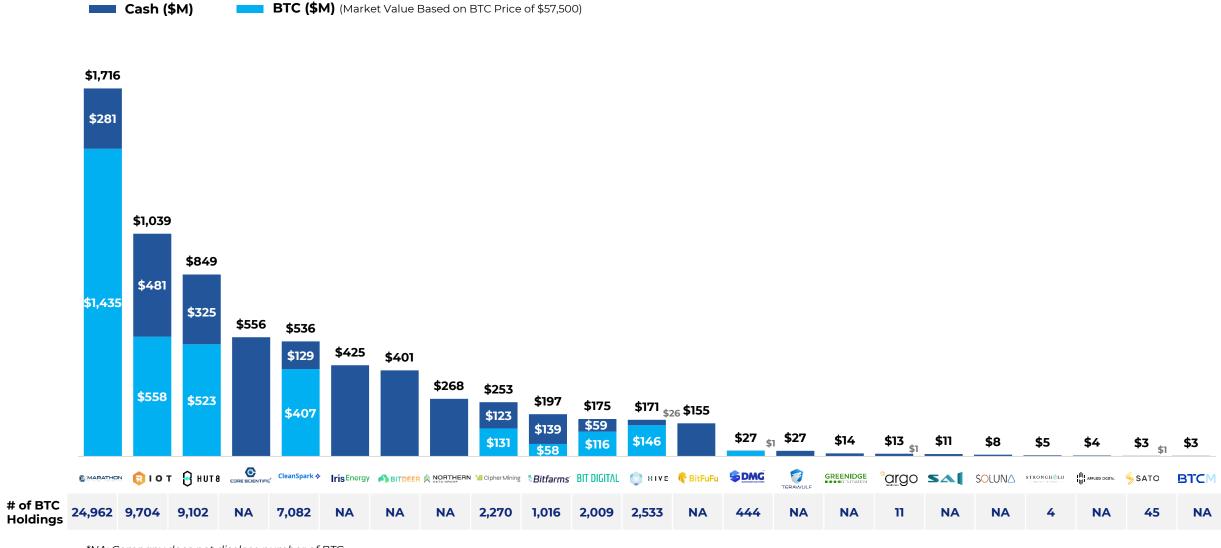
(MW)



Hashspread⁽¹⁾ (\$/PH/Day)



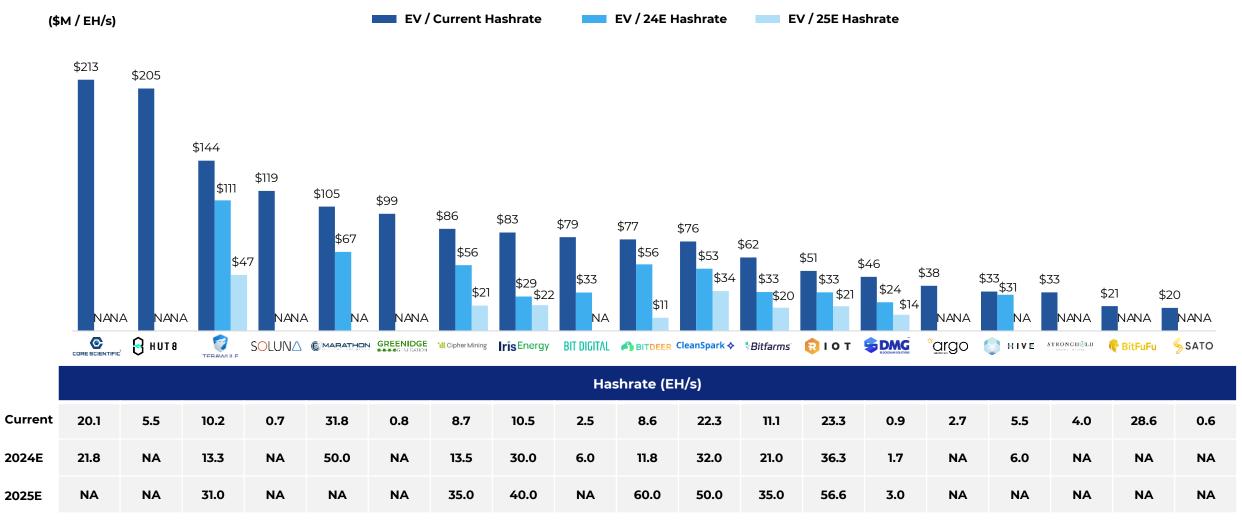
Cash and Bitcoin Holdings of Bitcoin Miners



*NA: Company does not disclose number of BTC



EV / Hashrate Multiples – Bitcoin Miners



^{*}NA: Company does not disclose projected Hashrate



Common Stock Comparison - Bitcoin Mining Companies Trading Metrics

					Share Price % C	hange		EV / Current Met	trics				Projected Metri	cs		
Company Name	EV (\$M)	Mkt. Cap Cap (\$M)	Share Price (\$)	% 52-Wk	MTD	YTD	Prop Hashrate (EH/s)	Ann. BTC Production (1)	Capacity (MW)	Hashspread (\$/PH/Day) ⁽²⁾	2024E Prop. Hashrate (EH/s)	2025E Prop. Hashrate (EH/s)	2024E Revenue	2025E Revenue	2024E EBITDA	2025E EBITDA
S Marathon Digital (3)	\$3,345	\$4,562	\$14.88	43.6%	(13.4%)	(36.7%)	\$105.2	7.0x	\$3.0	32.0x	\$66.9	NA	5.0x	3.6x	6.7x	8.8x
SH Core Scientific (4)	4,166	3,933	9.87	80.6	11.0	NA	207.3	14.7	5.0	33.2	191.1	NA	7.7	5.8	23.4	18.4
S Riot Blockchain ⁽⁵⁾	1,185	2,251	6.85	36.5	(20.1)	(55.7)	50.9	4.6	1.2	6.3	32.7	20.9	3.1	1.9	5.7	4.2
S CleanSpark	1,688	2,216	8.68	35.1	(35.6)	(21.4)	75.7	5.0	3.0	12.7	52.7	33.8	3.7	2.3	7.8	5.8
Northern Data (6)	1,703	1,782	29.78	82.5	27.9	(2.1)	532.2	15.1	3.2	NA	215.6	NA	7.4	2.9	29.5	5.5
S TeraWulf ⁽⁷⁾	1,470	1,574	3.91	60.1	6.5	62.9	144.2	10.9	6.0	18.8	110.6	47.4	9.5	5.3	19.0	10.4
S Iris Energy ⁽⁸⁾	875	1,300	6.72	42.7	(22.0)	(6.0)	83.3	5.7	3.4	294.7	29.2	21.9	2.6	1.6	6.4	3.7
S Cipher Mining (9)	751	1,062	2.98	37.2	(31.3)	(28.0)	86.4	6.1	2.8	9.9	55.7	21.5	4.7	2.4	10.3	4.6
SH Hut 8 Mining (10)	1,128	901	9.19	43.6	(25.9)	(31.1)	205.2	15.6	1.5	NA	NA	NA	6.8	6.6	4.5	12.5
S Bitfarms (11)	691	885	1.94	49.5	(11.2)	(33.5)	62.2	4.0	2.2	10.9	32.9	19.7	3.0	1.4	8.7	2.7
SH BitDeer (12)	666	841	5.86	40.0	(20.3)	(40.6)	77.4	5.3	0.7	21.9	56.4	11.1	1.7	1.1	6.7	3.5
SH Bitfufu ⁽¹³⁾	602	678	4.16	22.7	2.2	(61.9)	21.0	2.3	0.9	23.0	NA	NA	NA	NA	NA	NA
H Applied Digital (14)	638	538	3.24	37.5	(23.6)	(51.9)	NA	NA	2.3	NA	NA	NA	2.9	1.9	12.4	6.6
S Bit Digital (15)	195	385	2.78	52.8	(6.7)	(34.3)	79.4	4.7	2.3	25.5	32.5	NA	1.5	1.0	3.5	2.5
S Hive (16)	184	346	2.80	48.8	(8.5)	(38.2)	33.4	2.3	1.3	6.6	30.6	NA	1.6	0.8	5.7	2.0
Stronghold Digital (17)	131	80	4.33	37.5	62.2	(40.7)	32.7	1.9	1.0	9.6	NA	NA	1.6	1.3	20.1	6.2
S Argo Blockchain (18)	103	75	1.16	26.1	(4.9)	(69.0)	38.3	3.1	0.9	35.0	NA	NA	2.0	1.7	33.3	10.3
S DMG	41	60	0.35	59.7	(9.6)	(23.0)	45.8	2.7	0.7	NA	24.2	13.7	1.6	NA	NA	NA
SH BIT Mining	12	24	4.15	59.7	(3.5)	(17.7)	212.5	2.5	NA	NA	NA	NA	NA	NA	NA	NA
S SAITech Limited	17	20	0.79	47.9	(7.0)	(33.5)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Soluna (19)	87	20	3.41	38.8	(20.9)	(14.7)	118.6	7.4	1.2	13.6	NA	NA	NA	NA	NA	NA
SH Greenidge Generation	76	18	1.70	18.3	(25.8)	(74.7)	99.2	1.9	0.6	NA	NA	NA	1.2	1.3	9.7	NM
S SATO Technologies (20)	11	9	0.16	25.8	(33.6)	(63.0)	19.6	1.4	0.5	NA	NA	NA	0.9	1.2	NA	NA
Median					(11.2)	(33.9)	79.4	4.7	1.5	18.8	52.7	21.2	2.9	1.8	8.7	5.7

Source: FactSet as of September 4, 2024. Mining operating metrics as of July 2024

S Self-Mining Only H Hosting Only

(1) Assumes price of \$57,500 per Bitcoin and production figure annualized based on July 2024 production (2) Hashspread calculated as hashspread * implied operating capacity (fleet efficiency * hashrate) * 24 hrs * 365 days (3) Electricity price based on CCM estimates. Cash and debt on balance sheet figures reflect issuance of convertible notes (3) Cost of power net of toxic power net of tox



Common Stock Comparison - Bitcoin Mining Companies Operating Metrics

	Most Current Mining Metrics						Projected Mining Metrics				Financial Metrics					
Company Name	Prop. Hashrate (EH/s)	Efficiency (J/TH)	Capacity (MW)	Power Cost (\$/MWh)	Revenue (1) (\$/MWh)	GP Margin (\$/MWh)	Hashspread (2) (\$/PH/Day)	BTC Mined Monthly (#)	2024E Prop. Hashrate (EH/s)	2025E Prop. Hashrate (EH/s)	2024E Rev. 2 Growth	024E Gross Margin	2024E EBITDA Margin	Total BTC Cas Holdings (#)	h on B. Sheet Del (\$M)	bt on B. Sheet (\$M)
S Marathon Digital (3)	31.8	25.0	1,100	\$55	\$70	\$15	\$9	692	50.0	NA	72.9%	(1.4%)	74.9%	24,962	\$281.1	\$626.5
SH Core Scientific (4)	20.1	24.1	830	43	73	30	17	411	21.8	NA	8.1	27.4	32.8	NA	556.1	1,005.1
S Riot Blockchain (5)	23.3	24.5	960	34	71	37	22	370	36.3	56.6	35.3	40.9	54.8	9,704	481.2	0.7
S CleanSpark	22.3	22.3	557	48	78	30	16	494	32.0	50.0	106.3	55.4	47.2	7,082	129.2	11.0
Northern Data (6)	3.2	NA	538	41	NA	NA	NA	164	7.9	NA	205.6	70.2	25.1	NA	268.4	190.3
S TeraWulf ⁽⁷⁾	10.2	23.7	245	37	74	37	21	195	13.3	31.0	124.4	59.2	49.8	NA	26.6	0.0
S Iris Energy ⁽⁸⁾	10.5	24.3	260	71	72	1	1	222	30.0	40.0	159.3	57.1	40.5	NA	425.3	0.0
S Cipher Mining ⁽⁹⁾	8.7	27.8	266	27	63	36	24	178	13.5	35.0	25.1	61.6	46.2	2,270	122.6	0.0
Hut 8 Mining (10)	5.5	NA	762	41	NA	NA	NA	105	NA	NA	50.5	44.4	150.5	9,102	325.5	478.8
S Bitfarms (11)	11.1	25.0	310	44	70	26	16	253	21.0	35.0	55.6	(10.6)	35.0	1,016	138.6	1.7
BitDeer (12)	8.6	31.7	895	43	55	13	10	181	11.8	60.0	7.3	27.0	25.1	NA	401.3	210.3
SH Bitfufu ⁽¹³⁾	28.6	22.3	644	74	78	5	3	378	NA	NA	NA	NA	NA	NA	155.0	0.0
H Applied Digital (14)	NA	NA	280	NA	NA	NA	NA	NA	NA	NA	83.0	11.8	23.4	NA	4.4	61.8
S Bit Digital ⁽¹⁵⁾	2.5	27.9	84	50	63	13	9	61	6.0	NA	189.0	45.8	43.0	2,009	59.0	0.0
S Hive ⁽¹⁶⁾	5.5	24.5	140	48	71	23	14	116	6.0	NA	1.5	30.6	28.5	2,533	25.6	20.4
Stronghold Digital (17)	4.0	32.0	130	43	55	12	9	100	NA	NA	5.8	71.3	8.2	4	4.9	54.8
S Argo Blockchain ⁽¹⁸⁾	2.7	32.5	115	50	54	4	3	48	NA	NA	2.9	10.2	6.0	11	12.4	41.2
S DMG	0.9	28.4	60	NA	62	NA	NA	22	1.7	3.0	19.3	48.7	NA	444	1.2	8.9
SH BIT Mining	0.1	NA	NA	NA	NA	NA	NA	7	NA	NA	NA	NA	NA	NA	3.2	0.0
S SAITech Limited	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.2	0.0
SH Soluna (19)	0.7	26.0	75	29	67	38	24	17	NA	NA	NA	NA	NA	NA	8.4	16.5
Greenidge Generation	0.8	28.7	122	78	61	(17)	NM	58	NA	NA	(10.4)	NA	12.5	NA	14.3	68.7
S SATO Technologies (20)	0.6	NA	20	43	NA	NA	NA	11	NA	NA	(6.6)	NA	NA	45	0.7	7.9
Median Source: FactSet as of September :	5.5	25.0	266	43	70	19	14	164	13.5	38	35.3	44.4	35.0	2,140	59.0	11.0

Source: FactSet as of September 4, 2024. Mining operating metrics as of July 2024

Note: Debt excludes financial and operating leases

S Self-Mining Only H Hosting Only

(1) Revenue / MWh calculated as hashprice of \$42.0/PH/day divided by 24 (2) Hashspread calculated as hashprice of \$42.0/PH/day minus hashcost; hashcost calculated as power cost/MWh *24.* flee efficiency (3/TH) / 1000 (3) Electricity price based on CCM estimates. Cash and debt on balance sheet figures reflect issuance of convertible note (5) Cost of beam of convertible note (5) Cost of beam of convertible note (5) Cost of beam of convertible note (6) Cost of beam of convertible note (7) Price of electricity excludes the benefit of demand response or ancillary services revices revices revices revices note in the balance sheet figures reflect issuance of convertible note (7) Price of electricity excludes the benefit of demand response or ancillary services revices revices note in the balance sheet figures reflect issuance of convertible note (7) Price of electricity excludes the benefit of demand response or ancillary services revices revices note in the balance sheet figures reflect issuance of convertible note (7) Price of electricity excludes the benefit of demand response or ancillary services revices revices revices revices revices revices revices revices represents to the sum of the balance sheet figures reflect issuance of convertible notes (12) Cost of electricity represents the cost of power at the Vguazu facility (13) Hashrate represents total and debt on balance sheet figures reflect issuance of convertible notes (12) Cost of electricity cost as of June, 2023 (14) MW capacity Drice of electricity price represents total installed hashrate.

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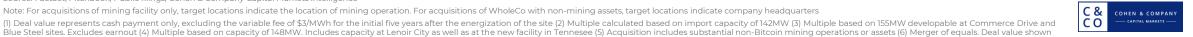


Bitcoin Mining Transactions Since June 2017

Date	Buyer	Target	Target Location	Deal Value (\$M)	EV/MW (\$K)
8/27/2024	Cipher Mining	300 MW Data Center Site in West Texas	West Texas	\$68	\$225 ⁽¹
8/21/2024	Bitfarms	Stronghold Digital Mining	Kennerdell, Pennsylvania	\$175	\$1,232 ⁽²
8/20/2024	Gryphon Digital Mining	2.9 MW of bitcoin mining operations	Louisiana	\$2	\$517
8/13/2024	Cipher Mining	Reveille datacenter site	Cotulla, TX	N/A	N/A
8/13/2024	Cipher Mining	Reveille datacenter site	Cotulla, TX	N/A	N/A
7/23/2024	Riot Platforms	Block Mining	Kentucky	\$93	\$597 ⁽³
7/9/2024	Hut 8	205MW for a site in West Texas	West Texas	N/A	N/A
6/28/2024	Bitdeer	Monroe County Port Authority	Clarington, Ohio	N/A	N/A
6/27/2024	CleanSpark	GRIID Infrastructure	Cincinnati, OH	\$155	\$1,047 ⁽⁴⁾
6/18/2024	CleanSpark	Five New Bitcoin Mining Facilities in Georgia	Georgia	\$26	\$430
6/13/2024	Bitfarms	120MW site in Sharon, Pennsylvania	Sharon, Pennsylvania	\$4	\$313
5/29/2024	Northern Data	Penguin Group	Asuncion, Paraguay	N/A	N/A
5/24/2024	Northern Data	300MW of data center location	Corpus Christi, Texas	N/A	N/A
5/9/2024	CleanSpark	75 MW of Bitcoin Mining Sites	Wyoming	\$19	\$250
3/15/2024	Marathon Digital Holdings	200MW Data Center from Applied Digital	Garden City, TX	\$87	\$437
3/11/2024	Greenidge	Mississippi & North Dakota Sites	Mississippi, North Dakota	N/A	N/A
3/5/2024	Undisclosed Buyer	Mirabel Facility of Argo Blockchain	Mirabel, Quebec	\$6	\$1,220
2/27/2024	CleanSpark	Three Turnkey Bitcoin Mining Facilities (MS)	Mississippi	\$20	N/A
2/27/2024	CleanSpark	Bitcoin Mining Facility in Dalton, GA	Dalton, GA	\$3	N/A
2/1/2024	Ionic Digital	Bitcoin Mining Assets of Celsius Mining	Hoboken, NJ	N/A	N/A
12/19/2023	Marathon Digital Holdings	Two Bitcoin Mining Facilities (TX and NE) of Generate Capital	Granbury, TX / Kearney, NE	\$179	\$458
12/12/2023	Millenium	Gibbons Creek Power Facility	Grimes County, TX	N/A	N/A
12/12/2023	Northern Data	300MW Corpus Christi Site from Saxet	Corpus Christi, TX	N/A	N/A
11/27/2023	HIVE Blockchain Technologies	Certain Assets of Turis AB	Boden, Sweden	\$2	\$375
11/15/2023	NYDIG	Greenidge Generation's South Carolina Mining Site	Spartanburg, SC	\$28	\$636
11/6/2023	Cipher Mining	Black Pearl Mining Site of Trinity Mining Group	Winkler County, TX	\$9	N/A
11/2/2023	Quantum Expeditions	Badgerland Mining Club (WholeCo, Mining Only)	Canada	\$3	\$2,600
9/15/2023	Celsius	Core Scientific's Cedarvale Site	Ward County, TX	\$45	\$209
6/21/2023	Arkon Energy	200MW Data Center from Amber Group	Hannibal, OH	N/A	N/A
6/21/2023	CleanSpark	Two Bitcoin Mining Facilities from Coinmaker / Makerstar	Dalton, GA	\$9	\$465
5/25/2023	Fahrenheit	Celsius Network (WholeCo, Includes Non-Mining Assets)	Hoboken, NJ	N/A	N/A
5/4/2023	BlockQuarry	Blockchain Energy Services (WholeCo, Includes Non-Mining Assets) ⁽⁵⁾	Cheyenne, WY	\$1	\$200
4/11/2023	Bitfarms	Baie-Comeau, Quebec Hydro Power Facility	Baie-Comeau, Canada	\$2	\$82
2/7/2023	Hut 8 Mining	U.S. Bitcoin Corp (WholeCo, Mining Only) ⁽⁶⁾	Medicine Hat, AB / Drumheller, AB / Niagara Falls, NY / Kearney, NB / Granbury, TX / King Mountain TX	\$495	\$678
1/27/2023	Akerna	Gryphon Digital Mining (WholeCo, Mining Only)	New York	\$125	\$4,456
1/12/2023	Evergreen Sustainable Enterprises (Cryptorica)	Toro Energía Sociedad Anonima (WholeCo, Includes Non-Mining Assets) ⁽⁵⁾	Alajuela, Costa Rica	\$3	\$3,438
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Source: FactSet; Pitchbook; Public filings, Cohen & Company Capital Markets intelligence

for USBTC based on USBTC's 50% pro forma ownership of the combined entity with a market capitalization of \$990M



Bitcoin Mining Transactions Since June 2017 (cont'd)

Date	Buyer	<u>Target</u>	Target Location	Deal Value (\$M)	EV/MW (\$K)
12/28/2022	Galaxy Digital Holdings	Helios Facility of Argo Blockchain	Dickens County, TX	\$65	\$361
12/1/2022	U.S. Bitcoin Corp	Certain Assets of Compute North	King Mountain, TX	\$222	\$793
11/22/2022	Foundry Digital	Certain Assets of Compute North	North Sioux City, SD / Big Springs, TX / Minden, NE	\$14	\$824
11/1/2022	Generate Capital	Certain Assets of Compute North	Wolf Hollow, TX / Kearney, NE	\$106	\$265
10/12/2022	Crusoe Energy Systems	Great American Mining (WholeCo, Includes Non-Mining Assets)	Dickinson, ND	N/A	N/A
9/9/2022	CleanSpark	Certain Assets of Mawson Infrastructure Group	Dalton, GA	\$43	\$531
8/18/2022	Vinanz	Certain Assets of of Valereum	Nebraska	\$1	N/A
8/9/2022	CleanSpark	Certain Assets of Waha Technologies	Washington, GA	\$16	\$450
4/24/2022	American Premium Water	CloudXchange DataCentre (WholeCo, Mining Only)	Singapore / Malaysia / TX, USA	\$46	N/A
2/17/2022	Redivider Blockchain	EnergyX (WholeCo, Includes Non-Mining Assets)	College Station, TX	N/A	N/A
1/31/2022	Advanced Mining Group	Vbit Technologies (WholeCo, Mining Only)	United States, Canada, Kazakhstan	\$105	N/A
11/29/2021	Windmill	KingHash (WholeCo, Includes Non-Mining Assets)	Singapore	N/A	N/A
11/9/2021	Bitfarms	Hydro Power Facility	Moses Lake, WA	\$27	\$1,112
9/27/2021	Northern Data	Bitfield (WholeCo, Mining Only) (1)	Amsterdam, Netherlands	\$355	N/A
8/24/2021	Blockstream	Spondoolies (WholeCo, Includes Non-Mining Assets)	Ness Ziona, Israel	N/A	N/A
8/14/2021	Britannia Mining	Bullet Blockchain (WholeCo, Mining Only)	Aktobe, Kazakhstan	N/A	N/A
7/6/2021	TRON Group	American Crypto Systems (WholeCo, Mining Only)	Boise Valley, ID	N/A	N/A
6/4/2021	The9	Montcrypto (WholeCo, Includes Non-Mining Assets)	Calgary, Canada	N/A	N/A
4/8/2021	Riot Blockchain	Whinstone (WholeCo, Mining Only)	Rockdale, TX	\$651	\$2,169
4/5/2021	500.com (BIT Mining)	Bee Computing (WholeCo, Includes Non-Mining Assets)	Hong Kong, Hong Kong	\$100	N/A
4/1/2021	Future Fintech Group	Nanjing Ribensi Electronic Technology (WholeCo, Mining Only)	Sichuan Province, China	\$1	N/A
2/10/2021	LUXXFOLIO Holdings	WestBlock Capital (WholeCo, Mining Only)	New Mexico	\$4	\$293
12/30/2020	Wize Pharma	Cosmos Capital (Mawson Infrastructure Group) (WholeCo, Includes Non-Minin	g Assets) Sydney, Australia	\$66	N/A
12/10/2020	CleanSpark	ATL Data Centers (WholeCo, Includes Non-Mining Assets)	College Park, GA	\$26	\$1,315
11/23/2020	HIVE Blockchain Technologies	GPU.one (WholeCo, Mining Only)	New Brunswick, Canada	\$19	\$374
10/7/2020	Argo Blockchain	Certain Assets of GPU.one	Quebec, Canada	\$14	\$696
3/30/2020	HIVE Blockchain Technologies	9376-9974 Quebec (Subsidiary of Cryptologic) (WholeCo, Mining Only)	Quebec, Canada	\$4	\$123
11/18/2019	Northern Data	Whinstone US (WholeCo, Mining Only)	Netherlands, Louisiana, Texas	\$135	\$676
3/26/2018	HIVE Blockchain Technologies	Kolos Norway (WholeCo, Mining Only)	Ballangen, Norway	\$12	\$409
1/14/2018	Blockchain Mining	Backbone Hosting Solutions (WholeCo, Mining Only)	Quebec, Canada	\$437	N/M
11/1/2017	Riot Blockchain	Kairos Global Technology (WholeCo, Mining Only) ^[1]	Miami Beach, FL	\$12	N/A
6/14/2017	HIVE Blockchain Technologies	Certain Assets of Genesis Mining	Reykjanes, Iceland	\$45	N/M
Median					\$491



(1) Location of operations not disclosed, displaying HQ location

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