
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16 UNDER
THE SECURITIES EXCHANGE ACT OF 1934

For the month of September 2025

Commission file number: 001-41687

BITDEER TECHNOLOGIES GROUP

08 Kallang Avenue
Aperia tower 1, #09-03/04
Singapore 339509
(Address of Principal Executive Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F ☒ Form 40-F ☐

EXHIBITS

Exhibit No.	Description
99.1	Press Release – Bitdeer Announces August 2025 Production and Operations Update

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Bitdeer Technologies Group

By: /s/ Jihan Wu

Name: Jihan Wu

Title: Chief Executive Officer

Date: September 12, 2025

Bitdeer Announces August 2025 Production and Operations Update

- Increased self-mining hashrate by 35% to 30.0 EH/s on continued deployment of SEALMINERs

SINGAPORE, September 12, 2025 (GLOBE NEWSWIRE) -- Bitdeer Technologies Group (NASDAQ: BTDR) (“**Bitdeer**” or the “**Company**”), a world-leading technology company for Bitcoin mining, today announced its unaudited mining and operations updates for August 2025.

Operational Update

- **Self-mined Bitcoin:** 375 Bitcoins, an increase of ~33% from July 2025 due to higher average self-mining hashrate from energization of SEALMINERs.
 - **Mining Rig Manufacturing and R&D:**
 - **SEALMINER A1:** 4.1 EH/s have been energized.
 - **SEALMINER A2:**
 - Total of 27.8 EH/s in mining rigs have been manufactured and an additional 1.2 EH/s are in final assembly as of end of August 2025.
 - Of the 27.8 EH/s mining rigs that have been manufactured:
 - **External-sales:** 6.0 EH/s of mining rigs have been shipped to external customers, including 0.1 EH/s that were shipped in August.
 - **Self-mining:**
 - 18.0 EH/s of mining rigs have been deployed in U.S., Tydal, Norway and Jigmeling, Bhutan, including 7.8 EH/s in August 2025.
 - 2.7 EH/s of mining rigs are in-transit to Bitdeer’s sites in Norway and Bhutan.
 - 1.1 EH/s of mining rigs are being prepared for shipping.
 - **SEALMINER A3:**
 - In final stages of preparation for mass production which is expected to begin in late September or early October.
 - Machine level testing results meeting expectations.
 - The specific machine models and specifications will be announced alongside mass production.
 - **SEALMINER A4:**
 - On track to achieve an expected chip efficiency of approximately 5 J/TH.
 - Planning two different chip designs of SEAL04 to ensure success.
 - **U.S. Manufacturing:** Bitdeer’s U.S. factory is actively in planning and preparation.
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- **HPC/AI:**

- Entered into advanced negotiations with a development partner regarding our Clarington, Ohio site.
- Bitdeer.AI, the Company's neo cloud business, reached US\$8 million AI cloud ARR (annualized run-rate revenue) in August from providing GPU cloud services, with significant growth expected from Q4 2025.
- 8 NVL72 servers are being installed in Malaysia and are expected to start serving customers in Q4 2025.
- Successfully launched Relational Database Service (RDS). Actively developing AI Agent and Retrieval-Augmented Generation (RAG) technologies to enhance knowledge base and AI cloud services.
- Investigating deployment of modular data centers at Wenatchee, Washington facility.

- **Hosting:**

- The hosted hash rate remained unchanged in August 2025.

- **Infrastructure:**

- **Tydal, Norway (Hydro):** 161 MW is online. The remaining 14 MW is expected to be energized by the end of Q3 2025.
- **Jigmeling, Bhutan:** 367.5 MW is online, with the remaining 132.5 MW expected to be energized in phases by the end of Q3 2025.

Management Commentary

"Our operational team continues to execute and we are well on our way to achieving our ambitious target of 40 EH/s of self-mining by the end of October 2025," said Matt Kong, Chief Business Officer at Bitdeer. "However, we're not stopping there. Over the coming quarters, we will continue expanding our SEALMINER fleet into our near-term global power capacity, putting us on track to become one of the largest vertically integrated miners in the world."

Production and Operations Summary

Metrics	August 2025	July 2025	August 2024
Total hash rate under management¹ (EH/s)	44.2	36.4	16.8
- Proprietary hash rate	30.3	22.5	8.6
● Self-mining	30.0	22.3	7.8
● Cloud Hash Rate	-	-	0.8
● Delivered but not hashing	0.3	0.2	-
- Hosting	13.9	13.9	8.2
Mining rigs under management	229,000	213,000	167,000
- Self-owned ²	143,000	127,000	87,000
- Hosted	86,000	86,000	80,000
Bitcoins mined (self-mining only)	375	282	166
Bitcoin held³	1,934	1,667	290

¹ **Total hash rate under management** as of August 31, 2025 across the Company's primary business lines: Self-mining, Cloud Hash Rate, and Hosting.

- **Self-mining** refers to cryptocurrency mining for the Company's own account, which allows it to directly capture the high appreciation potential of cryptocurrency.
- **Cloud Hash Rate** offers hash rate subscription plans and shares mining income with customers under certain arrangements. The Cloud Hash Rate stated above reflects the contracted hash rate with customers at month-end.
- **Hosting** encompasses a one-stop mining machine hosting solution including deployment, maintenance, and management services for efficient cryptocurrency mining.

² **Self-owned mining machines** are for the Company's self-mining business and Cloud Hash Rate business.

³ **Bitcoins held** do not include the Bitcoins from deposits of the customers.

Infrastructure Construction Update

Site / Location	Capacity (MW)	Status	Timing ⁴
Electrical capacity			
- Rockdale, Texas	563	Online	Completed
- Knoxville, Tennessee	86	Online	Completed
- Wenatchee, Washington	13	Online	Completed
- Molde, Norway	84	Online	Completed
- Tydal, Norway	211	Online	Completed
- Gedu, Bhutan	100	Online	Completed
- Jigmeling, Bhutan	367.5	Online	Completed
Total electrical capacity	1,424.55		
Pipeline capacity			
- Tydal, Norway	14	In progress	Q3 2025
- Massillon, Ohio	221	In progress	Q1 2026
- Clarington, Ohio	570	In progress	Q2 2027
- Jigmeling, Bhutan	132.5	In progress	Q3 2025
-Rockdale, Texas	179	In planning	Estimate 2026
-Alberta, Canada	99	In planning	Q4 2026
-Oromia Region, Ethiopia	50	In progress	Q4 2025
Total pipeline capacity	1,265.5		
Total global electrical capacity	2,690		

⁴ Indicative timing. All timing references are to calendar quarters and years.

⁵ Figures represent total available electrical capacity.

Rockdale, Texas – 100 MW Hydro-cooling conversion has been fully energized.

Tydal, Norway – 175 MW site expansion has commenced energization and the full energization timeline has been adjusted to the end of Q3 2025:

- 161 MW is online.
- All equipment has been delivered. The remaining 14 MW is expected to be energized by the end of Q3 2025.

Massillon, Ohio – 221 MW site is under construction and the full energization timeline has been adjusted to the end of Q1 2026 due to transformer delivery delays, labor shortages and anticipated cold winter months:

- 21MW is expected to be energized by the end of October 2025.
- The remaining 200MW is expected to be energized in phases by the end of Q1 2026.

Clarington, Ohio – 570 MW under contract – power and datacenter infrastructure to be completed in Q2 2027.

Jigmeling, Bhutan – 500 MW site has commenced energization and is expected to be fully energized in phases by the end of Q3 2025:

- 367.5 MW is online.
- The remaining 132.5 MW is expected to be energized in phases by the end of Q3 2025.
- Two 132kV transformers and five 220kV transformers have been energized in June 2025.
- Delivery of containers and hydro-cooling systems have been completed and are now being installed.

Fox Creek, Alberta – 101 MW site acquired in Alberta, is fully licensed and permitted to construct an on-site natural gas power plant. The project is expected to be energized by the end of Q4 2026.

Oromia Region, Ethiopia – SPA and a turnkey agreement signed for the acquisition and construction of a 50 MW Bitcoin mining project in Ethiopia. The project is expected to be energized in Q4 2025.

Upcoming Conferences and Events

- **October 7, 2025:** CEO Summit in Phoenix
- **November 10 – 12, 2025:** Cantor Crypto, AI/Energy Infrastructure Conference in Miami
- **January 13 – 16, 2026:** 28th Annual Needham Growth Conference in New York

About Bitdeer Technologies Group

Bitdeer is a world-leading technology company for Bitcoin mining. Bitdeer is committed to providing comprehensive Bitcoin mining solutions for its customers. Bitdeer handles complex processes involved in computing such as equipment procurement, transport logistics, datacenter design and construction, equipment management, and daily operations. Bitdeer also offers advanced cloud capabilities to customers with high demand for artificial intelligence. Headquartered in Singapore, Bitdeer has deployed datacenters in the United States, Norway, and Bhutan. To learn more, visit <https://ir.bitdeer.com/> or follow Bitdeer on X @ BitdeerOfficial and LinkedIn @ Bitdeer Group.

Investors and others should note that Bitdeer may announce material information using its website and/or on its accounts on social media platforms, including X, formerly known as Twitter, Facebook, and LinkedIn. Therefore, Bitdeer encourages investors and others to review the information it posts on the social media and other communication channels listed on its website.

Forward-Looking Statements

Statements in this press release about future expectations, plans, and prospects, as well as any other statements regarding matters that are not historical facts, may constitute “forward-looking statements” within the meaning of The Private Securities Litigation Reform Act of 1995. The words “anticipate,” “look forward to,” “believe,” “continue,” “could,” “estimate,” “expect,” “intend,” “may,” “plan,” “potential,” “predict,” “project,” “should,” “target,” “will,” “would” and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including factors discussed in the section entitled “Risk Factors” in Bitdeer’s annual report on Form 20-F, as well as discussions of potential risks, uncertainties, and other important factors in Bitdeer’s subsequent filings with the U.S. Securities and Exchange Commission. Any forward-looking statements contained in this press release speak only as of the date hereof. Bitdeer specifically disclaims any obligation to update any forward-looking statement, whether due to new information, future events, or otherwise. Readers should not rely upon the information on this page as current or accurate after its publication date.

For investor and media inquiries, please contact:

Investor Relations

Orange Group
Yujia Zhai
bitdeerIR@orangegroupadvisors.com

Media

Elev8 New Media
Jessica Starman, MBA
bitdeer@elev8newmedia.com

Public Relations

BlocksBridge Consulting
Nishant Sharma
bitdeer@blocksbridge.com