PROSPECTUS

\$500,000,000
Ordinary Shares
Preference Shares
Warrants
Rights



Units

Tritium DCFC Limited

We may offer and sell up to \$500,000,000 in the aggregate of our ordinary shares, no par value ("Ordinary Shares"), preference shares, warrants to subscribe for Ordinary Shares, rights to subscribe for Ordinary Shares and units consisting of any combination of the other types of securities offered under this prospectus from time to time in one or more offerings.

This prospectus provides you with a general description of the securities. Each time we offer and sell securities, we will provide a supplement to this prospectus that contains specific information about the offering and the amounts, prices and terms of the securities. The supplement may also add, update or change information contained in this prospectus with respect to that offering. You should carefully read this prospectus and the applicable prospectus supplement and any documents incorporated by reference therein before you invest in any of our securities.

We may offer and sell the securities described in this prospectus and any prospectus supplement to or through one or more underwriters, dealers and agents, or directly to purchasers, or through a combination of these methods. If any underwriters, dealers or agents are involved in the sale of any of the securities, their names and any applicable purchase price, fee, commission or discount arrangement between or among them will be set forth, or will be calculable from the information set forth, in the applicable prospectus supplement. See the sections of this prospectus entitled "About this Prospectus" and "Plan of Distribution" for more information. No securities may be sold without delivery of this prospectus and the applicable prospectus supplement describing the method and terms of the offering of such securities.

INVESTING IN OUR SECURITIES INVOLVES RISKS. SEE THE "RISK FACTORS" ON PAGE 7 OF THIS PROSPECTUS AND ANY SIMILAR SECTION CONTAINED IN THE APPLICABLE PROSPECTUS SUPPLEMENT AND ANY DOCUMENTS INCORPORATED BY REFERENCE THEREIN CONCERNING FACTORS YOU SHOULD CONSIDER BEFORE INVESTING IN OUR SECURITIES.

Our Ordinary Shares are listed on The Nasdaq Capital Market ("Nasdaq") under the trading symbol "DCFC". On March 22, 2023, the last reported sales price of our Ordinary Shares, as reported on Nasdaq, was \$1.07 per share.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is March 23, 2023.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the U.S. Securities and Exchange Commission, or the SEC, using a "shelf" registration process. By using a shelf registration statement, we may sell securities from time to time and in one or more offerings up to a total dollar amount of \$500,000,000 as described in this prospectus. Each time that we offer and sell securities, we will provide a prospectus supplement to this prospectus that contains specific information about the securities being offered and sold and the specific terms of that offering. To the extent permitted by law, we may also authorize one or more free writing prospectuses to be provided to you that may contain material information relating to these offerings. The prospectus supplement or free writing prospectus may also add, update or change information contained in this prospectus with respect to that offering. If there is any inconsistency between the information in this prospectus and the applicable prospectus supplement or free writing prospectus, you should rely on the prospectus supplement or free writing prospectus, as applicable. Before purchasing any securities, you should carefully read both this prospectus and the applicable prospectus supplement (and any applicable free writing prospectuses), together with the additional information described under the heading "Where You Can Find More Information; Incorporation by Reference."

We have not authorized anyone to provide you with any information or to make any representations other than those contained in this prospectus, any applicable prospectus supplement or any free writing prospectuses prepared by or on behalf of us or to which we have referred you. We take no responsibility for, and can provide no assurance as to the reliability of, any other information that others may give you. We will not make an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. You should assume that the information appearing in this prospectus and the applicable prospectus supplement to this prospectus is accurate only as of the date on its respective cover, that the information appearing in any applicable free writing prospectus is accurate only as of the date of that free writing prospectus, and that any information incorporated by reference is accurate only as of the date of the document incorporated by reference, unless we indicate otherwise. Our business, financial condition, results of operations and prospects may have changed since those dates. This prospectus incorporates by reference, and any prospectus supplement or free writing prospectus may contain and incorporate by reference, market data and industry statistics and forecasts that are based on independent industry publications and other publicly available information. Although we believe these sources are reliable, we do not guarantee the accuracy or completeness of this information and we have not independently verified this information. In addition, the market and industry data and forecasts that may be included or incorporated by reference in this prospectus, any prospectus supplement or any applicable free writing prospectus may involve estimates, assumptions and other risks and uncertainties and are subject to change based on various factors, including those discussed under the heading "Risk Factors" contained in this prospectus, the applicable prospectus supplement and any applicable free writing p

Unless otherwise indicated, references to a particular "fiscal year" are to our fiscal year ended June 30 of that year.

References to a year other than a "Fiscal" or "fiscal year" are to the calendar year ended December 31. Unless otherwise specified, all monetary amounts in this prospectus are in U.S. dollars, all references to "\$," "US\$," "USD" and "dollars" mean U.S. dollars and all references to "A\$" and "AUD" mean Australian dollars. Any discrepancies in any table between totals and sums of the amounts listed are due to rounding. Certain amounts and percentages have been rounded; consequently, certain figures may add up to be more or less than the total amount and certain percentages may add up to be more or less than 100% due to rounding. In particular and without limitation, amounts expressed in millions contained in this prospectus have been rounded to a single decimal place for the convenience of readers.

We are an "emerging growth company" and a "foreign private issuer" as defined under SEC rules and will be subject to reduced public company reporting requirements for this prospectus and future filings.

Throughout this prospectus, unless otherwise designated, the terms "we," "us," "our," "Tritium," the "Company" and our "company" refer to Tritium DCFC Limited and its subsidiaries and references to "Tritium Holdings" refer to Tritium Holdings Pty Ltd. When we refer to "you," we mean the potential holders of the applicable securities of the Company.

WHERE YOU CAN FIND MORE INFORMATION: INCORPORATION BY REFERENCE

Available Information

We file reports, proxy statements and other information with the SEC. The SEC maintains a web site that contains reports, proxy and information statements and other information about issuers, such as us, who file electronically with the SEC. The address of that website is http://www.sec.gov.

Our web site address is www.tritiumcharging.com. The information on our web site, however, is not, and should not be deemed to be, a part of this prospectus.

This prospectus and any prospectus supplement are part of a registration statement that we filed with the SEC and do not contain all of the information in the registration statement. The full registration statement may be obtained from the SEC or us, as provided below. Other documents establishing the terms of the offered securities are or may be filed as exhibits to the registration statement or documents incorporated by reference in the registration statement. Statements in this prospectus or any prospectus supplement about these documents are summaries and each statement is qualified in all respects by reference to the document to which it refers. You should refer to the actual documents for a more complete description of the relevant matters. You may inspect a copy of the registration statement through the SEC's website, as provided above.

Incorporation by Reference

The SEC's rules allow us to "incorporate by reference" information into this prospectus, which means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is deemed to be part of this prospectus, and subsequent information that we file with the SEC will automatically update and supersede that information. Any statement contained in this prospectus or a previously filed document incorporated by reference will be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus or a subsequently filed document incorporated by reference modifies or replaces that statement.

This prospectus and any accompanying prospectus supplement incorporate by reference the documents set forth below that have previously been filed with the SEC:

- Our Annual Report on Form 20-F for the fiscal year ended June 30, 2022, filed with the SEC on September 22, 2022 (the "2022 Form 20-F");
- Our Reports on Form 6-K filed with the SEC on November 4, 2022 and March 9, 2023; and
- The description of our Ordinary Shares contained in our 2022 Form 20-F filed with the SEC on September 22, 2022 and any amendment or report filed with the SEC for the purpose of updating the description.

All reports and other documents we subsequently file pursuant to Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended, which we refer to as the "Exchange Act" in this prospectus, prior to the termination of this offering, including all such documents we may file with the SEC after the date of the initial registration statement and prior to the effectiveness of the registration statement, but excluding any information furnished to, rather than filed with, the SEC, will also be incorporated by reference into this prospectus and deemed to be part of this prospectus from the date of the filing of such reports and documents. We may also incorporate by reference part or all of any reports on Form 6-K that we subsequently furnish to the SEC prior to the completion or termination of any offering by identifying in such Forms 6-K that such Form 6-K, or certain parts or exhibits of such Form 6-K, are being incorporated by reference into this prospectus, and any Form 6-K (or parts thereof) so identified shall be deemed to be incorporated by reference in this prospectus and to be a part of this prospectus from the date of submission of such document.

You may request a free copy of any of the documents incorporated by reference in this prospectus by writing or telephoning us at the following address:

Tritium DCFC Limited
48 Miller Street
Murarrie, QLD 4172, Australia
or
+61 (07) 3147 8500

Exhibits to the filings will not be sent, however, unless those exhibits have specifically been incorporated by reference in this prospectus or any accompanying prospectus supplement.

THE COMPANY

Overview

We design, sell, manufacture and service proprietary hardware and associated software to create advanced and reliable direct current ("DC") fast chargers for electric vehicles ("EVs"). Our technology is engineered to be easy to install, own and use, and our compact, robust chargers are designed to look great on Main Street and thrive in harsh conditions. As of December 31, 2022, we have sold more than 10,000 DC fast chargers and have provided high-power charging sessions across 42 countries.

We are a technology provider that primarily generates revenue from the sale of DC fast-charging solutions. Our solutions are made up of core charging hardware, including embedded on-device firmware, and adjacent software platforms that let owners monitor and manage their assets. Our charging station hardware portfolio includes stand-alone chargers and distributed chargers, and our software products include Tritium Pulse Software and MyTritium Software. We offer ongoing maintenance services including the provision of spare parts, extended warranties, services outside warranty and a range of service level agreement options. We are currently focused on key customer types across the charging landscape, such as Charge Point Operators, Automakers, Fleets, Fuel Stations, Retail and Utilities, but our products are segment-agnostic and can be used across all target sectors. In the future, we also aim to address the emerging markets of heavy-duty vehicle charging and residential and fleet low-power DC charging.

Our principal executive offices are located at Tritium DCFC Limited, 48 Miller Street, Murarrie, QLD 4172, Australia. Our telephone number is +61 (07) 3147 8500. Our website address is www.tritiumcharging.com. The information on, or that may be accessed through, our website is not a part of this prospectus supplement or the accompanying prospectus.

We own or have rights to various trademarks, service marks and trade names that they use in connection with the operation of their respective businesses. This prospectus also contains trademarks, service marks and trade names of third parties, which are the property of their respective owners. The use or display of third parties' trademarks, service marks, trade names or products in this prospectus is not intended to create, and does not imply, a relationship with us, or an endorsement or sponsorship by or of us. Solely for convenience, the trademarks, service marks and trade names referred to in this prospectus may appear with the [®], TM or SM symbols, but such references are not intended to indicate, in any way, that we will not assert, to the fullest extent under applicable law, our rights or the right of the applicable licensor to these trademarks, service marks and trade names.

Implications of Being an "Emerging Growth Company" and a Foreign Private Issuer

We are an "emerging growth company," as defined in Section 2(a) of the Securities Act, as amended, of 1933 (the "Securities Act"), as modified by the Jumpstart Our Business Startups Act of 2012 (the "JOBS Act"). As such, we are eligible to take advantage of certain exemptions from various reporting requirements that are applicable to other public companies that are not "emerging growth companies," including, but not limited to, not being required to comply with the auditor attestation requirements of Section 404 of the Sarbanes-Oxley Act of 2002 (the "Sarbanes-Oxley Act"), reduced disclosure obligations regarding executive compensation in our periodic reports, and exemptions from the requirements of holding a non-binding advisory vote on executive compensation and shareholder approval of any golden parachute payments not previously approved (to the extent applicable to a foreign private issuer). If some investors find our securities less attractive as a result, there may be a less active trading market for our securities and the prices of our securities may be more volatile.

We will remain an emerging growth company under the JOBS Act until the earliest of (a) the last day of our first fiscal year following the fifth anniversary of the date of effectiveness of our registration statement on Form F-4, filed in connection with the Business Combination (as defined below), (b) the last date of our fiscal

year in which we have total annual gross revenue of at least \$1.235 billion, (c) the date on which we are deemed to be a "large accelerated filer" under the rules of the SEC with at least \$700.0 million of issued securities held by non-affiliates or (d) the date on which we have issued more than \$1.0 billion in non-convertible debt securities during the previous three years. References herein to "emerging growth company" shall have the meaning associated with it in the JOBS Act.

We report under the Exchange Act as a non-U.S. company with foreign private issuer status. Even after we no longer qualify as an emerging growth company, as long as we qualify as a foreign private issuer under the Exchange Act we will be exempt from certain provisions of the Exchange Act that are applicable to U.S. domestic public companies, including, but not limited to:

- the rules under the Exchange Act requiring domestic filers to issue financial statements prepared under U.S. GAAP;
- the sections of the Exchange Act regulating the solicitation of proxies, consents or authorizations in respect of a security registered under the Exchange Act;
- the sections of the Exchange Act requiring insiders to file public reports of their stock ownership and trading activities and liability for insiders who profit from trades made in a short period of time; and
- the rules under the Exchange Act requiring the filing with the SEC of quarterly reports on Form 10-Q containing unaudited financial and other specific information, or current reports on Form 8-K, upon the occurrence of specified significant events.

We intend to take advantage of these exemptions until such time as we are no longer a foreign private issuer. We would cease to be a foreign private issuer at such time as (i) more than 50% of our issued voting securities are held by U.S. residents and (ii) any of the following three circumstances applies: (A) the majority of our executive officers or directors are U.S. citizens or residents, (B) more than 50% of our assets are located in the United States or (C) our business is administered principally in the United States. See "Description of Securities" for more information.

Both foreign private issuers and emerging growth companies are also exempt from certain more stringent executive compensation disclosure rules. Thus, even if we no longer qualify as an emerging growth company but remain a foreign private issuer, we will continue to be exempt from the more stringent compensation disclosures required of companies that are not emerging growth companies and will continue to be permitted to follow our home country practice on such matters.

RISK FACTORS

Investment in any securities offered pursuant to this prospectus and the applicable prospectus supplement involves risks. Before deciding whether to invest in our securities, you should carefully consider the risk factors in our 2022 Form 20-F incorporated by reference into this prospectus and in our updates, if any, to those risk factors in our reports on Form 6-K incorporated by reference into this prospectus and all other information contained or incorporated by reference into this prospectus, as updated by our subsequent filings under the Exchange Act, and the risk factors and other information contained in the applicable prospectus supplement and any applicable free writing prospectus. The occurrence of any of these risks might cause you to lose all or part of your investment in the offered securities. There may be other unknown or unpredictable economic, business, competitive, regulatory or other factors that could have material adverse effects on our future results. Past financial performance may not be a reliable indicator of future performance, and historical trends should not be used to anticipate results or trends in future periods. If any of these risks actually occurs, our business, financial condition, results of operations or cash flow could be seriously harmed. This could cause the trading price of our securities to decline, resulting in a loss of all or part of your investment. Please also carefully read the section entitled "Cautionary Note Regarding Forward-Looking Statements" included herein and included in our 2022 Form 20-F and our updates, if any, to that section in our reports on Form 6-K incorporated by reference into this prospectus.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

Some of the statements contained in this prospectus constitute forward-looking statements within the meaning of the federal securities laws. Forward-looking statements relate to expectations, beliefs, projections, future plans and strategies, anticipated events or trends and similar expressions concerning matters that are not historical facts. Forward-looking statements reflect our current views, as applicable, with respect to, among other things, our respective capital resources, portfolio performance and results of operations. Likewise, all statements regarding anticipated growth in our operations, anticipated market conditions, demographics and results of operations are forward-looking statements. In some cases, you can identify these forward-looking statements by the use of terminology such as "outlook," "believes," "expects," "potential," "continues," "may," "will," "should," "could," "seeks," "approximately," "predicts," "intends," "plans," "estimates," "anticipates" or the negative version of these words or other comparable words or phrases.

The forward-looking statements contained in this prospectus reflect our current views, as applicable, about future events and are subject to numerous known and unknown risks, uncertainties, assumptions and changes in circumstances that may cause its actual results to differ significantly from those expressed in any forward-looking statement. We do not guarantee that the transactions and events described will happen as described (or that they will happen at all). The following factors, among others, could cause actual results and future events to differ materially from those set forth or contemplated in the forward-looking statements:

- our ability to realize the anticipated benefits of the Business Combination, which may be affected by, among other things, competition and our ability to manage growth profitability following the Business Combination;
- risks related to the rollout of our business and expansion strategy;
- our ability to obtain and maintain financing arrangements on attractive terms or at all;
- consumer failure to accept and adopt EVs;
- overall demand for EV charging and the potential for reduced demand if governmental rebates, tax credits and other financial incentives are reduced, modified or eliminated;
- the possibility that our technology and products could have undetected defects or errors;
- our ability to manage growth;
- our estimates of expenses, ongoing losses, future revenue, capital requirements and needs for or ability to obtain additional financing;
- the effects of the COVID-19 pandemic or other adverse public health developments on our business;
- the effects of competition on our future business;
- the volatility of currency exchange rates;
- the impact of and changes in governmental regulations or the enforcement thereof, tax laws and rates, accounting guidance and similar matters in regions in which we operate or will operate in the future;
- potential litigation, governmental or regulatory proceedings, investigations or inquiries involving us, including in relation to the Business Combination;
- inability to remediate material weaknesses in internal control over financial reporting and failure to maintain an effective system of internal controls, and the inability to accurately or timely report our financial condition or results of operations;
- failure to maintain an effective system of internal control over financial reporting, and loss of securityholder confidence in our financial
 and other public reporting from the inability to accurately report our financial results or prevent fraud;

- changes in personnel and availability of qualified personnel;
- environmental uncertainties and risks related to adverse weather conditions and natural disasters;
- potential write-downs, write-offs, restructuring and impairment or other charges required to be taken by us subsequent to the Business Combination;
- higher costs as a result of being a public company;
- general economic uncertainty;
- the ability to maintain the listing of our securities on Nasdag;
- · the limited experience of certain members of our management team in operating a public company in the United States; and
- the volatility of the market price and liquidity of our securities.

While forward-looking statements reflect our good faith beliefs, they are not guarantees of future performance. We disclaim any obligation to publicly update or revise any forward-looking statement to reflect changes in underlying assumptions or factors, new information, data or methods, future events or other changes after the date of this prospectus, except as required by applicable law. For a further discussion of these and other factors that could cause our future results, performance or transactions to differ significantly from those expressed in any forward-looking statement, please see the section entitled "Risk Factors" in our 2022 Form 20-F incorporated by reference into this prospectus. You should not place undue reliance on any forward-looking statements, which are based only on information currently available to us (or to third parties making the forward-looking statements). You should also carefully consider the cautionary statements contained or referred to in this section in connection with the forward-looking statements contained in this prospectus and any subsequent written or oral forward-looking statements that may be issued by us or persons acting on our behalf.

REASONS FOR THE OFFER AND USE OF PROCEEDS

We intend to use the net proceeds from the sale of the securities as set forth in the applicable prospectus supplement.

DESCRIPTION OF ORDINARY SHARES AND EXISTING WARRANTS

Our authorized share capital consists of 171,519,021 Ordinary Shares, no par value. Our Ordinary Shares are not redeemable and do not have any preemptive rights.

In connection with the Business Combination that closed on January 13, 2022, we issued 21,783,259 existing warrants, each entitling its holder to purchase one Ordinary Share at an initial exercise price equal to \$11.50 per share, which was adjusted to \$6.90 per share pursuant to Section 4.3 of the Warrant Agreement by and between DCRN and the warrant agent party thereto.

As of March 1, 2023, we had 156,310,918 Ordinary Shares issued and 9,268,131 existing warrants issued. Our Ordinary Shares and existing warrants are listed on Nasdaq under the symbols "DCFC" and "DCFCW," respectively.

For a description of our Ordinary Shares and existing warrants, including the rights and obligations attached thereto, please refer to Exhibit 4.5 hereto, which is incorporated by reference herein.

DESCRIPTION OF PREFERENCE SHARES

The description set forth below is only a summary and is not complete. For more information regarding the preference shares which may be offered by this prospectus, please refer to the applicable prospectus supplement and our Constitution, which is incorporated by reference as an exhibit to the registration statement of which this prospectus forms a part.

Our Constitution contains provisions that authorize us to issue preference shares, including in accordance with the terms set out in the Schedule to our Constitution. The terms of preference shares set out in the Schedule to our Constitution provide our directors with discretion to issue preference shares with certain rights, including with regards to rights (i) to receive dividends (which may include the right to receive preferential or cumulative dividends), (ii) to distributions made on a winding up, and (iii) to be convertible into Ordinary Shares, at such price or prices or at such rates of conversion and with such adjustments as may be determined by our board of directors. We may authorize the issuance of preference shares with rights that could adversely affect the rights of the holders of our Ordinary Shares. The issuance of preference shares, while providing flexibility in connection with possible acquisitions and other corporate purposes, could, among other things, have the effect of delaying, deferring or preventing a change in control of our company and may adversely affect the market price of our Ordinary Shares and the rights of the holders of our Ordinary Shares.

DESCRIPTION OF WARRANTS

Issuable Warrants

We may issue warrants for the purchase of shares of our Ordinary Shares. We may issue warrants independently or together with other securities, and the warrants may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement to be entered into between us and the investors or a warrant agent. The following summary of material provisions of the warrants and warrant agreements are subject to, and qualified in their entirety by reference to, all the provisions of the warrant agreement and warrant certificate applicable to a particular series of warrants. The terms of any warrants offered under a prospectus supplement may differ from the terms described below. We urge you to read the applicable prospectus supplement and any related free writing prospectus, as well as the complete warrant agreements and warrant certificates that contain the terms of the warrants.

The particular terms of any issue of warrants will be described in the prospectus supplement relating to the issue. Those terms may include:

- the number of shares of Ordinary Shares purchasable upon the exercise of warrants to purchase such shares and the price at which such number of shares may be purchased upon such exercise;
- the date, if any, on and after which the warrants and the related Ordinary Shares will be separately transferable;
- the terms of any rights to redeem or call the warrants;
- the date on which the right to exercise the warrants will commence and the date on which the right will expire;
- Australian and United States federal income tax consequences applicable to the warrants; and
- any additional terms of the warrants, including terms, procedures, and limitations relating to the exchange, exercise and settlement of the warrants.

Holders of equity warrants will not be entitled:

- to vote, consent or receive dividends;
- · receive notice as shareholders with respect to any meeting of shareholders for the election of our directors or any other matter; or
- exercise any rights as shareholders of DCFC.

Each warrant will entitle its holder to purchase the number of Ordinary Shares at the exercise price set forth in, or calculable as set forth in, the applicable prospectus supplement. Unless we otherwise specify in the applicable prospectus supplement, holders of the warrants may exercise the warrants at any time up to the specified time on the expiration date that we set forth in the applicable prospectus supplement. After the close of business on the expiration date, unexercised warrants will become void.

A holder of warrant certificates may exchange them for new warrant certificates of different denominations, present them for registration of transfer and exercise them at the corporate trust office of the warrant agent or any other office indicated in the applicable prospectus supplement. Until any warrants to purchase Ordinary Shares are exercised, the holders of the warrants will not have any rights of holders of the underlying common stock, including any rights to receive dividends or payments upon any liquidation, dissolution or winding up on the Ordinary common stock, if any.

DESCRIPTION OF RIGHTS

The following summary description of the rights to subscribe for Ordinary Shares (the "Rights"), and any description of rights in the applicable prospectus supplement, does not purport to be complete and is subject to, and qualified in its entirety by reference to, the applicable rights agreement and provisions of the certificate evidencing the Rights that will be filed with the SEC in connection with the offering of such Rights.

The Company may issue Rights that the Company may offer to its securityholders from time to time. The Rights may or may not be transferable by the persons purchasing or receiving the Rights. In connection with any Rights offering, the Company may enter into a standby underwriting or other arrangement with one or more underwriters or other persons pursuant to which such underwriters or other persons would purchase any offered Securities remaining unsubscribed for after such Rights offering.

Each series of Rights will be issued under a separate rights agent agreement to be entered into between the Company and a bank or trust company, as rights agent, that the Company will name in the applicable prospectus supplement. The rights agent will act solely as the Company's agent in connection with the Rights and will not assume any obligation or relationship of agency or trust for or with any holders of rights certificates or beneficial owners of Rights.

The prospectus supplement relating to any Rights that the Company may offer from time to time will describe specific terms relating to the offering, including, among other matters:

- the title of the Rights;
- the date of determining the securityholders entitled to the Rights distribution;
- the aggregate number of Rights issued and the aggregate number of Ordinary Shares purchasable upon exercise of the Rights;
- the exercise price;
- the date on which the Rights become exercisable and the date on which the Rights will expire;
- the extent to which the Rights include an over-subscription privilege with respect to unsubscribed Securities;
- if applicable, a discussion of the material Australian and/or United States federal income tax considerations applicable to the issuance or exercise of such Rights;
- if applicable, the material terms of any standby underwriting or other purchase arrangement that the Company may enter into in connection with the Rights offering; and
- the material terms of the Rights, including terms, transferability, conditions to completion of the Rights offering, procedures and limitation relating to the exchange and exercise of such Rights.

Each Right would entitle the holder of the Rights to subscribe for cash the principal amount of Ordinary Shares at the exercise price set forth in the applicable prospectus supplement. Rights may be exercised at any time up to the close of business on the expiration date for the Rights provided in the applicable prospectus supplement. After the close of business on the expiration date, all unexercised Rights will become void (unless subject to subscription by another third party pursuant to the terms of such rights offering as described in the relevant prospectus supplement).

If less than all of the Rights issued in any Rights offering are exercised, the Company may offer any unsubscribed Securities directly to persons other than the Company's securityholders, to or through agents, underwriters or dealers or through a combination of such methods, including pursuant to standby arrangements, as described in the applicable prospectus supplement.

DESCRIPTION OF UNITS

We may issue units consisting of any combination of the other types of securities offered under this prospectus in one or more series. We may evidence each series of units by unit certificates that we will issue under a separate agreement. We may enter into unit agreements with a unit agent. Each unit agent will be a bank or trust company that we select. We will indicate the name and address of the unit agent in the applicable prospectus supplement relating to a particular series of units.

The following description, together with the additional information included in any applicable prospectus supplement, summarizes the general features of the units that we may offer under this prospectus. You should read any prospectus supplement and any free writing prospectus that we may authorize to be provided to you related to the series of units being offered, as well as the complete unit agreements that contain the terms of the units. Specific unit agreements will contain additional important terms and provisions and we will file as an exhibit to the registration statement of which this prospectus is a part, or will incorporate by reference from another report that we file with the SEC, the form of each unit agreement relating to units offered under this prospectus.

If we offer any units, certain terms of that series of units will be described in the applicable prospectus supplement, including, without limitation, the following, as applicable:

- the title of the series of units;
- identification and description of the separate constituent securities comprising the units;
- the price or prices at which the units will be issued;
- the date, if any, on and after which the constituent securities comprising the units will be separately transferable;
- · a discussion of certain Australian and United States federal income tax considerations applicable to the units; and
- any other terms of the units and their constituent securities.

CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS

Loans Payable to St. Baker Energy Affiliates

On November 18, 2022, Sunset Power Pty Ltd, an affiliate of St Baker Energy Pty Ltd, agreed to provide the full \$10.0 million commitment for the Accordion Facility as the Accordion Facility lender.

For additional information regarding the LNSA and the Accordion Facility, see "Management's Discussion and Analysis of Financial Condition and Results of Operations — Liquidity and Capital Resources — Sources of Liquidity" and "Major Shareholders and Related Party Transactions" in the 2022 Form 20-F.

On December 23, 2022, we entered into a secured term loan facility with Sunset Power Pty Ltd as trustee of St Baker Family Trust, under which we borrowed an aggregate principal amount of \$20.0 million. The outstanding balance of the secured term loan facility at December 31, 2022 was \$19.6 million.

TAXATION

Material tax consequences relating to the purchase, ownership and disposition of any of the securities registered by this prospectus will be set forth in any applicable prospectus supplement relating to the offering of such securities.

PLAN OF DISTRIBUTION

We may sell the securities from time to time pursuant to underwritten public offerings, negotiated transactions, block trades or a combination of these methods or through underwriters or dealers, through agents and/or directly to one or more purchasers. The securities may be distributed from time to time in one or more transactions:

- at a fixed price or prices, which may be changed;
- at market prices prevailing at the time of sale;
- · at prices related to such prevailing market prices; or
- at negotiated prices.

Each time that we sell securities covered by this prospectus, we will provide a prospectus supplement or supplements that will describe the method of distribution and set forth the terms and conditions of the offering of such securities, including the offering price of the securities and the proceeds to us, if applicable.

Offers to purchase the securities being offered by this prospectus may be solicited directly. Agents may also be designated to solicit offers to purchase the securities from time to time. Any agent involved in the offer or sale of our securities will be identified in a prospectus supplement.

If a dealer is utilized in the sale of the securities being offered by this prospectus, the securities will be sold to the dealer, as principal. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale.

If an underwriter is utilized in the sale of the securities being offered by this prospectus, an underwriting agreement will be executed with the underwriter at the time of sale and the name of any underwriter will be provided in the prospectus supplement that the underwriter will use to make resales of the securities to the public. In connection with the sale of the securities, we or the purchasers of securities for whom the underwriter may act as agent, may compensate the underwriter in the form of underwriting discounts or commissions. The underwriter may sell the securities to or through dealers, and those dealers may receive compensation in the form of discounts, concessions or commissions from the underwriters and/or commissions from the purchasers for which they may act as agent. Unless otherwise indicated in a prospectus supplement, an agent will be acting on a best efforts basis and a dealer will purchase securities as a principal, and may then resell the securities at varying prices to be determined by the dealer.

Any compensation paid to underwriters, dealers or agents in connection with the offering of the securities, and any discounts, concessions or commissions allowed by underwriters to participating dealers will be provided in the applicable prospectus supplement. Underwriters, dealers and agents participating in the distribution of the securities may be deemed to be underwriters within the meaning of the Securities Act and any discounts and commissions received by them and any profit realized by them on resale of the securities may be deemed to be underwriting discounts and commissions. We may enter into agreements to indemnify underwriters, dealers and agents against civil liabilities, including liabilities under the Securities Act, or to contribute to payments they may be required to make in respect thereof and to reimburse those persons for certain expenses.

Any Ordinary Shares will be listed on Nasdaq, but any other securities may or may not be listed on a national securities exchange. To facilitate the offering of securities, certain persons participating in the offering may engage in transactions that stabilize, maintain or otherwise affect the price of the securities. This may include over-allotments or short sales of the securities, which involve the sale by persons participating in the offering of more securities than were sold to them. In these circumstances, these persons would cover such over-allotments or short positions by making purchases in the open market or by exercising their over-allotment option, if any. In addition, these persons may stabilize or maintain the price of the securities by bidding for or

purchasing securities in the open market or by imposing penalty bids, whereby selling concessions allowed to dealers participating in the offering may be reclaimed if securities sold by them are repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. These transactions may be discontinued at any time.

We may engage in at the market offerings into an existing trading market in accordance with Rule 415(a)(4) under the Securities Act. In addition, we may enter into derivative transactions with third parties, or sell securities not covered by this prospectus to third parties in privately negotiated transactions. If the applicable prospectus supplement so indicates, in connection with those derivatives, the third parties may sell securities covered by this prospectus and the applicable prospectus supplement, including in short sale transactions. If so, the third party may use securities pledged by us or borrowed from us or others to settle those sales or to close out any related open borrowings of shares, and may use securities received from us in settlement of those derivatives to close out any related open borrowings of shares. The third party in such sale transactions will be an underwriter and, if not identified in this prospectus, will be named in the applicable prospectus supplement (or a post-effective amendment). In addition, we may otherwise loan or pledge securities to a financial institution or other third party that in turn may sell the securities short using this prospectus and an applicable prospectus supplement. Such financial institution or other third party may transfer its economic short position to investors in our securities or in connection with a concurrent offering of other securities.

The specific terms of any lock-up provisions in respect of any given offering will be described in the applicable prospectus supplement.

The underwriters, dealers and agents may engage in transactions with us, or perform services for us, in the ordinary course of business for which they receive compensation.

EXPENSES

The following table sets forth the expenses (other than underwriting discounts and commissions or agency fees and other items constituting underwriters' or agents' compensation, if any) expected to be incurred by us in connection with a possible offering of the securities registered under the registration statement of which this prospectus forms a part.

| SEC Registration Fee | \$ 55,100 |
|----------------------------------|-----------|
| FINRA filing fee | * |
| Legal fees | * |
| Accountants' fees and expenses | * |
| Printing expenses | * |
| Transfer agent fees and expenses | * |
| Miscellaneous | * |
| Total | * |

^{*} Estimated fees and expenses are not presently known. If required, to be provided by a prospectus supplement or as an exhibit to a Current Report on Form 6-K that is incorporated by reference into this prospectus.

LEGAL MATTERS

Corrs Chambers Westgarth, Australian counsel to the Company, has provided a legal opinion for the Company regarding the validity of the Ordinary Shares and Preference Shares offered by this prospectus and regarding the validity of the Warrants, Rights and Units, in each case where issued under agreements governed by Australian law, offered by this prospectus. Latham & Watkins LLP, U.S. counsel to the Company, has provided a legal opinion for the Company regarding the validity of the Warrants, Rights and Units, in each case where issued under agreements governed by U.S. law, offered by this prospectus.

EXPERTS

The financial statements incorporated in this Prospectus by reference to the Annual Report on Form 20-F for the year ended June 30, 2022 (which contains an explanatory paragraph relating to Tritium DCFC Limited's ability to continue as a going concern as described in Note 1 to the financial statements) have been so incorporated in reliance on the report of PricewaterhouseCoopers, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

ENFORCEABILITY OF CIVIL LIABILITIES AND AGENT FOR SERVICE OF PROCESS IN THE UNITED STATES

We are a public limited company organized under the laws of Australia. As a result, the rights of holders of our Ordinary Shares will be governed by Australian law and our constitution. The rights of shareholders under Australian law may differ from the rights of shareholders of companies incorporated in other jurisdictions. A substantial amount of our assets are located outside the United States. As a result, it may be difficult for investors to enforce in the United States judgments obtained in U.S. courts against us based on the civil liability provisions of the U.S. securities laws. It is doubtful whether courts in Australia will enforce judgments obtained in other jurisdictions, including the United States, against us or our directors or officers under the securities laws of those jurisdictions or entertain actions in Australia against us or our directors or officers under the securities laws of other jurisdictions.

Our registered address in Australia is c/o Tritium DCFC Limited, 48 Miller Street, Murarrie, QLD 4172, Australia.

We have irrevocably appointed Cogency Global Inc. as our agent to receive service of process in any action against us in any U.S. federal or state court arising out of this offering or any purchase or sale of securities in connection with this offering. The address of our agent is 122 E 42nd St., 18th Floor, New York, New York 10168.

Our authorized representative in the United States for this offering as required pursuant to Section 6(a) of the Securities Act is Cogency Global Inc., 22 East 42nd Street, 18th Floor New York, NY 10168.