Filed by Northern Genesis Acquisition Corp. II pursuant to Rule 425 under the Securities Act of 1933 and deemed filed pursuant to Rule 14a-12 under the Securities Exchange Act of 1934

Subject Company: Northern Genesis Acquisition Corp. II Commission File No. 001-39881

This filing relates to the proposed merger involving Northern Genesis Acquisition Corp. II ("Northern Genesis 2"). with Embark Trucks Inc. ("Embark"), pursuant to the terms of that certain Agreement and Plan of Merger, dated as of June 22, 2021.

The following information was made available to certain Embark employees on June 23, 2021:

EMPLOYEE MEMO FROM CFO

To: All Employees From: Richard Hawwa

Channel: team@embarktrucks.com

EMAIL SUBJECT: Important Guidance for Today's Funding News

Dear Embark Team,

As you will see in the press this morning, we are excited to announce a remarkable milestone for Embark as we plan to become a publicly traded company. The transaction will be consummated through a merger with an already publicly traded special purpose acquisition company ("SPAC"), Northern Genesis Acquisition Corp. II (NYSE: NGAB).

We will continue to operate under the Embark name and there will be no substantive changes to our team or how we do business. Upon the completion of the transaction, which is expected to close later this year, Embark will become a publicly traded company, trading under the new ticker symbol "EMBK."

There is still much work to be done in order to close the transaction. But once the merger is completed, we believe it will deliver significant financial resources to accelerate our strategic growth plans as we march towards the commercialization of our technology. This milestone will also help reinforce a leadership position within the self-driving truck industry and continue to support our mission to build self-driving trucking technology that makes roads safer and more efficient while moving the logistics industry forward as a whole.

While this is a significant milestone for Embark, this is only the beginning of the next phase of our journey.

As we enter this new chapter, there are some rules we must all follow. The Securities and Exchange Commission ("SEC") has strict guidelines governing publicity. To avoid delays or any other repercussions the SEC might impose if we do not adhere to these rules, we must avoid speaking publicly about this process and our business metrics and financials. You can, however, share Embark corporate social posts as well as links to the press release and media coverage on your own channels. If you do, please do not share your views or opinions about the announcement, speculate about what it might mean, or any specifics of the deal, timing of closing of the transaction, company performance or future plans.

It is also important to remember that Embark may have access to the material nonpublic information (MNPI) concerning NGAB and further that information about Embark, including financial performance, the likelihood of being able to close on the business combination, new offerings or milestones, developments regarding, PDP, OEMs, or key suppliers may be deemed MNPI. Trading while in possession of MNPI (either by you, or by someone at your recommendation or "tip") could have serious consequences for you, including severe fines and jail sentences. It could also risk delaying or jeopardizing the transaction with Northern Genesis. When in doubt, **don't trade if you have MNPI and don't disclose it to others**.

It is also important to remember that NGAB shareholders must vote on the business combination, and SEC rules regulate written communications about the business combination in order to ensure the shareholder vote is properly informed. For this reason, as well as to ensure the quality of our messaging and requirements around MNPI, if someone asks you about the process of going public or company fundamentals, the best response is something polite, such as, "We're really proud and excited, and would encourage you to read the press release that was issued by Embark today." If pushed further, you can say something like, "I can't speak to that, but I would be happy to connect you with the appropriate team members."

Should you receive any press inquiries, please forward details of the inquiry to Misha Rindisbacher, Public Relations Lead (misha.rindisbacher@embarktrucks.com), who can help handle media requests appropriately during this sensitive time. Understanding that communications are highly regulated through this process, please know that we will continue to share updates with you as we have more to report.

Please join us for All Hands and a series of workshops from 9am-12pm PT where we will go over this announcement further as well as ensure important legal and media training is reviewed.

I want to share in the excitement of this milestone and I am thankful for the continued efforts of the entire Embark team.

Best, Richard

Forward-Looking Statements

This message includes "forward-looking statements" within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995. Embark's and Northern Genesis Acquisition Corp. II's ("Northern Genesis 2") actual results may differ from their expectations, estimates and projections and consequently, you should not rely on these forward-looking statements as predictions of future events. Words such as "expect," "estimate," "project," "budget," "forecast," "anticipate," "intend," "plan," "may," "will," "could," "should," "believes," "predicts," "potential," "continue," and similar expressions are intended to identify such forward-looking statements. These forward-looking statements include, without limitation, Embark's and Northern Genesis 2's expectations with respect to future performance. These forward-looking statements also involve significant risks and uncertainties that could cause the actual results to differ materially from the expected results. Factors that may cause such differences include, but are not limited to: (1) the outcome of any legal proceedings that may be instituted in connection with any proposed business combination; (2) the inability to complete any proposed business combination in a timely manner or at all; (3) delays in obtaining, adverse conditions contained in, or the inability to obtain necessary regulatory approvals or complete regulatory reviews required to complete any proposed business combination; (4) the risk that the business combination may not be completed by Northern Genesis 2 business combination deadline and the potential failure to obtain an extension of the business combination deadline if sought; (5) the failure to satisfy the conditions to the consummation of the transaction, including the adoption of the agreement and plan of merger by the stockholders of Northern Genesis 2 and Embark and the satisfaction of the minimum trust account amount following redemptions by Northern Genesis 2's public stockholders; (6) the lack of a third party valuation in determining whether or not to pursue the proposed business combination; (7) the risk that any proposed business combination disrupts current plans and operations and/or the impact that the announcement of the proposed business combination may have on Embark's business relationships; (8) the inability to recognize the anticipated benefits of any proposed business combination, which may be affected by, among other things, competition, the ability of the combined company to grow and manage growth profitably, maintain relationships with customers and suppliers and retain key employees; (9) costs related to the any proposed business combination; (10) changes in the applicable laws or regulations; (11) volatility in the price of Northern Genesis 2's securities due to a variety of factors, including changes in the competitive and highly regulated industries in which Embark plans to operate, variations in performance across competitors, changes in laws and regulations affecting Embark's business and changes in the combined capital structure; (12) the possibility that Embark or Northern Genesis 2 may be adversely affected by other economic, business, and/or competitive factors; (13) the impact of the global COVID-19 pandemic; and (14) other risks and uncertainties separately provided to you and indicated from time to time described in filings and potential filings by Embark and Northern Genesis 2 with the U.S. Securities and Exchange Commission (the "SEC"), including those discussed in Northern Genesis 2's Annual Report Form 10-K for the fiscal year ended December 31, 2020 ("Form 10-K") and Quarterly Report on Form 10-Q for the quarter ended March 31, 2021 and those that are expected to be included in the registration statement on Form S-4 and proxy statement/prospectus discussed below and other documents filed by Northern Genesis 2 from time to time. 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. Embark and Northern Genesis 2 caution that the foregoing list of factors is not exhaustive and not to place undue reliance upon any forward-looking statements, including projections, which speak only as of the date made. Embark and Northern Genesis 2 undertake no obligation to and accepts no obligation to release publicly any updates or revisions to any forward-looking statements to reflect any change in its expectations or any change in events, conditions or circumstances on which any such statement is based.

Additional Information About the Proposed Transactions and Where to Find It

The proposed transactions will be submitted to stockholders of Northern Genesis 2 for their consideration. Northern Genesis 2 intends to file a registration statement on Form S-4 (the "Registration Statement") with the SEC which will include preliminary and definitive proxy statements to be distributed to Northern Genesis 2's stockholders in connection with Northern Genesis 2's solicitation for proxies for the vote by Northern Genesis 2's stockholders in connection with the proposed transactions and other matters as described in the Registration Statement, as well as the prospectus relating to the offer of the securities to be issued to Embark's shareholders in connection with the completion of the proposed merger. After the Registration Statement has been filed and declared effective, Northern Genesis 2 will mail a definitive proxy statement and other relevant documents to its stockholders as of the record date established for voting on the proposed transactions. Northern Genesis 2's stockholders and other interested persons are advised to read, once available, the preliminary proxy statement/prospectus and any amendments thereto and, once available, the definitive proxy statement/prospectus, in connection with Northern Genesis 2's solicitation of proxies for its special meeting of stockholders to be held to approve, among other things, the proposed business combination, because these documents will contain important information about Northern Genesis 2, Embark and the proposed business combination. Stockholders may also obtain a copy of the preliminary or definitive proxy statement, once available, as well as other documents filed with the SEC regarding the proposed transactions and other documents filed with the SEC by Northern Genesis 2, without charge, at the SEC's website located at www.sec.gov or by directing a request to Northern Genesis 2.

INVESTMENT IN ANY SECURITIES DESCRIBED HEREIN HAS NOT BEEN APPROVED OR DISAPPROVED BY THE SEC OR ANY OTHER REGULATORY AUTHORITY NOR HAS ANY AUTHORITY PASSED UPON OR ENDORSED THE MERITS OF THE OFFERING OR THE ACCURACY OR ADEQUACY OF THE INFORMATION CONTAINED HEREIN. ANY REPRESENTATION TO THE CONTRARY IS A CRIMINAL OFFENSE.

Participants in the Solicitation

Northern Genesis 2, Embark and certain of their respective directors, executive officers and other members of management and employees may, under SEC rules, be deemed to be participants in the solicitations of proxies from Northern Genesis 2's stockholders in connection with the proposed transactions. Information regarding the persons who may, under SEC rules, be deemed participants in the solicitation of Northern Genesis 2's stockholders in connection with the proposed transactions will be set forth in Northern Genesis 2's proxy statement/prospectus when it is filed with the SEC. You can find more information about Northern Genesis 2's directors and executive officers in Northern Genesis 2's Form 10-K filed with the SEC. Additional information regarding the participants in the proxy solicitation and a description of their direct and indirect interests will be included in the proxy statement/prospectus when it becomes available. Stockholders, potential investors and other interested persons should read the proxy statement/prospectus carefully when it becomes available before making any voting or investment decisions. You may obtain free copies of these documents from the sources indicated above.

No Offer or Solicitation

This communication does not constitute an offer to sell or the solicitation of an offer to buy any securities, or a solicitation of any vote or approval, nor shall there be any sale of securities in any jurisdiction in which such offer, solicitation or sale would be unlawful prior to registration or qualification under the securities laws of any such jurisdiction.