UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

FORM 12b-25

NOTIFICATION OF LATE FILING

| | 001-40046 |
|---|-------------------|
| | SEC FILE NUMBER |
| | |
| | 739190 106 |
| | CUSIP NUMBER |
| | |
| (Check One): □ Form 10-K □ Form 20-F □ Form 11-K ⊠ Form 10-Q □ Form 10-D □ Form N-SAR □ Form N-CSR | |
| For Period Ended: June 30, 2021 | |
| □ Transition Report on Form 10-K | |
| ☐ Transition Report on Form 20-F | |
| □ Transition Report on Form 11-K | |
| ☐ Transition Report on Form 10-Q | |
| ☐ Transition Report on Form N-SAR | |
| For the Transition Period Ended: | |
| | |
| Nothing in this form shall be construed to imply that the Commission has verified any information of | contained harain |
| Nothing in this form shall be constitued to imply that the Commission has vermed any information of | contained herein. |
| If the notification relates to a portion of the filing checked above, identify the item(s) to which the notification relates: | |
| PART I-REGISTRANT INFORMATION | |
| Power & Digital Infrastructure Acquisition Corp. | |
| Full name of Registrant | |
| N/A | |
| Former name if Applicable | |
| | |
| 321 North Clark Street, Suite 2440 | |
| Address of Principal Executive Office (Street and number) | |
| Chicago, IL 60654 | |
| City, State and Zip Code | |
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PART II-RULE 12b-25 (b) AND (c)

If the subject report could not be filed without unreasonable effort or expense and the registrant seeks relief pursuant to Rule 12b-25(b), the following should be completed. (Check box if appropriate.)

(a) The reasons described in reasonable detail in Part III of this form could not be eliminated without unreasonable effort or expense;

The subject annual report, semi-annual report, transition report on Form 10-K, Form 20-F, Form 11-K, Form N-SAR or Form N-CSR, or portion thereof will be filed on or (b)before the fifteenth calendar day following the prescribed due date; or the subject quarterly report or transition report on Form 10-Q, or subject distribution report on Form 10-D, or portion thereof, will be filed on or before the fifth calendar day following the prescribed due date; and

(c) The accountant's statement or other exhibit required by Rule 12b-25(c) has been attached if applicable.

PART III - NARRATIVE

State below in reasonable detail why Form 10-K, 20-F, 11-K, 10-Q, 10-D, N-SAR, N-CSR, or the transition report or portion thereof, could not be filed within the prescribed time period.

The quarterly report on Form 10-Q for the quarter ended June 30, 2021 (the "Form 10-Q") of Power & Digital Infrastructure Acquisition Company (the "Company") could not be filed within the prescribed time period due to the fact that the Company was unable to solicit and obtain the necessary review of the Form 10-Q in a timely fashion prior to the due date of the report.

Furthermore, the Company could not timely file its Form 10-Q because the XBRL process for the financial statements of the Form 10-Q could not be completed in sufficient time prior to the due date of the report.

The Company is working diligently to complete the Form 10-Q as soon as possible and expects to file such report within five calendar days hereof.

PART IV - OTHER INFORMATION

| (| 1) | Name and telephone | number of person to | o contact in regard to | this notification. |
|---|----|--------------------|---------------------|------------------------|--------------------|
| | | | | | |

| Patrick C. Eilers | (312) | 262-5642 |
|-------------------|-------------|--------------------|
| (Name) | (Area Code) | (Telephone Number) |

- (2) Have all other periodic reports required under Section 13 or 15(d) of the Securities Exchange Act of 1934 or Section 30 of the Investment Company Act of 1940 during the preceding 12 months or for such shorter period that the registrant was required to file such report(s) been filed? If the answer is no, identify report(s).

 ☑ Yes □ No
- (3) Is it anticipated that any significant change in results of operations from the corresponding period for the last fiscal year will be reflected by the earnings statements to be included in the subject report or portion thereof? \Box Yes \boxtimes No

If so, attach an explanation of the anticipated change, both narratively and quantitatively, and, if appropriate, state the reasons why a reasonable estimate of the results cannot be made.

Disclosures About Forward-Looking Statements

This Notification of Late Filing on Form 12b-25 contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 and such statements are intended to be covered by the safe harbor provided by the same. These statements are based on the current beliefs and expectations of the Company's management and are subject to significant risks and uncertainties. The above statements regarding the effect of the revision on any periodic SEC filings, including the timing of filing such reports, constitute forward-looking statements that are based on the Company's current expectations. Because these forward-looking statements involve risks and uncertainties, there are important factors that could cause future events to differ materially from those in the forward-looking statements, many of which are outside of the Company's control. These factors include, but are not limited to, a variety of risk factors affecting the Company's business and prospects, see "Risk Factors" in the Company's annual, quarterly reports and subsequent reports filed with the SEC, as amended from time to time. The Company does not undertake to update the forward-looking statements to reflect the impact of circumstances or events that may arise after the date of the forward-looking statements.

| Power & Digital Infrastructure Acquisition Corp. |
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| (Name of Registrant as Specified in Charter) |

has caused this notification to be signed on its behalf by the undersigned hereunto duly authorized.

Date: August 16, 2021 By: /s/ Patrick C. Eiler

/s/ Patrick C. Eilers
Patrick C. Eilers
Chief Executive Officer