Filed by: CONSOL Energy, Inc.
Pursuant to Rule 425 under the Securities Act of 1933
and deemed filed pursuant to Rule 14d-2(b) and Rule 14a-12
under the Securities Exchange Act of 1934

Subject Company: Arch Resources, Inc. Commission File Number: 001-13105



An Exciting Start for Core Natural Resources



Jimmy Brock Chairman and CEO CONSOL Energy "We've been on the road talking with employees, customers, stockholders, and other CONSOL stakeholders about our merger with Arch and the exciting path forward. Overwhelmingly, the feedback has been positive, further underscoring the significant upside we believe is achievable as the safest and most respected coal producer in the world. We look forward to keeping our employees informed as the merger progresses toward its expected closing in the first quarter of 2025."

HEADLINES ACROSS THE MEDIA LANDSCAPE



Consol and Arch to combine, forming a \$5 billion coal producer based in Pennsylvania

FINANCIAL TIMES

Lex: US coal producers wise to join forces during a moment of strength

Bloomberg Arch Merges With Consol to Create a Coal-Export Powerhouse

"US coal producer Arch Resources Inc. agreed to merge with rival Consol Energy Inc. in a \$2.3 billion deal aimed at creating a North American mining heavyweight to deliver the fuel around the world."

PITTSBURGH BUSINESS TIMES

Consol Energy, Arch Resources to merge in \$5B all-stock deal

"The proposed merger will create Core Natural Resources Inc., which will be by the companies' estimation the largest independent coal producer in the United States by market capitalization and the second-largest in terms of earnings."

⟨⇒ CONSOL €N €RGY + ARCH

SUPPORT FROM INDUSTRY ANALYSTS¹

B RILEY Securities

"No Time Like the Present for Attractive Combination; CEIX and ARCH to Form Longwall Powerhouse"

B BENCHMARK

"the combined company will likely benefit from its additional size and scale from both an operational and financial standpoint"

S&P Global

Commodity Insights

"The announced merger of Arch and Consol is important for both companies as they improve the scale of their high-value coal production"

ENGAGEMENT AND EXCITEMENT ON SOCIAL CHANNELS

17M

SOCIAL REACH

SOCIAL COVERAGE SPANNING ACROSS

12 COUNTRIES

6.7K

SOCIAL ENGAGEMENT **RECORD LEVEL OF**

SOCIAL ENGAGEMENT IN THE PAST YEAR

HEADLINES ACROSS THE MEDIA LANDSCAPE



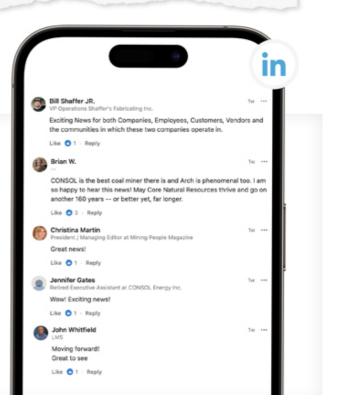


CONSOL Energy Inc. and Arch Resources merge to create Core Natural Resources

"Two resource companies announced a complete merger to create a new company aimed at providing better resources across the world."

THE WALL STREET JOURNAL.

Arch, Consol to Combine Into \$5.2 Billion Coal Giant



Cautionary Statement Regarding Forward-Looking Information

This communication contains certain "forward-looking statements" within the meaning of federal securities laws. Forward-looking statements may be identified by words such as "anticipates," "believes," "could," continue," "estimate," expects, "intends," will, "should," "may," "plan," "predict," "project," "would" and similar expressions. Forward-looking statements are not statements of historical fact and reflect CONSOL's and Arch's current views about future events. Such forward-looking statements include, without limitation, statements about the benefits of the proposed transaction involving CONSOL, and Arch, including future financial and operating results, CONSOL's and Arch's plans, objectives, expectations and intentions, the expected triming and likelihood of completion of the proposed transaction, and other statements that are not historical facts, including estimates of coal reserves, estimates of future production, assumptions regarding future coal pricing, planned delivery of coal to markets and the associated costs, future results of operations, projected cash flow and liquidity, business strategy and other plans and objectives for future operations. No assurances can be given that the forward-looking statements contained in this communication will occur as projected, and actual results may differ materially from those projected. Forward-looking statements are based on current expectations, estimates and assumptions that involve a number of risks and uncertainties that could cause actual results to differ materially from those projected. These risks and uncertainties include, without limitation, the ability to obtain the requisite CONSOL and Arch stockholder approvals; the risk that CONSOL or Arch may be unable to obtain operations, and uncertainties include, without limitation, the ability to obtain the requisite CONSOL, and brisk that such approvals may result in the imposition of conditions that could adversely affect the combined company or the expected benefits of the proposed transaction for the

All such factors are difficult to predict, are beyond CONSOUs and Arch's control, and are subject to additional risks and uncertainties, including those detailed in CONSOUs annual report on Form 10-K for the year ended December 31, 2023, quarterly reports on Form 10-Q, and current reports on Form 8-K that are available on its website at https://www.scc.gov.and those detailed in Arch's annual report on Form 10-K for the year ended December 31, 2023, quarterly reports on Form 10-Q and current reports on Form 8-K that are available on Arch's vebsite at https://investor.archirsc.com/sec-filings/ and on the SEC's website at https://investor.archirsc.com/sec-filings/ and on the SEC's website at http://www.sec.gov.

Forward-looking statements are based on the estimates and opinions of management at the time the statements are made. Neither CONSOL not Arch undertakes any obligation to publicly update any forward-looking statement, whether as a result of new information, future events or otherwise, except as required by law. Readers are cautioned not to place undue reliance on these forward-looking statements that speak only as of the date hereot.

No Offer or Solicitation

This communication is not intended to be, and shall not constitute, an offer to buy or sell or the solicitation of an offer to buy or sell 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. No offering of securities shall be made, except by means of a prospectus meeting the requirements of Section 10 of the U.S. Securities Act of 1933, as amended.

Additional Information about the Transaction and Where to Find It

In connection with the proposed transaction, CONSOL intends to file with the SEC a registration statement on Form S-4 that will include a joint proxy statement of Arch and CONSOL and that will also constitute a prospectus of CONSOL. Each of Arch and CONSOL, may also file other relevant documents with the SEC regarding the proposed transaction. This document is not a substitute for the joint proxy statement/prospectus or registration statement/prospectus or registration statement or any other document that Arch or CONSOL may file with the SEC. The definitive joint proxy statement/prospectus (if and when available) will be mailed to stockholders of Arch and CONSOL INVESTORS AND SECURITY HOLDERS ARE URGED TO READ THE REGISTRATION STATEMENT, JOINT PROXY STATEMENT/

PROSPECTUS AND ANY OTHER RELEVANT DOCUMENTS THAT MAY BE FILED WITH THE SEC, AS WELL AS ANY AMENOMENTS OR SUPPLEMENTS TO THOSE DOCUMENTS, CAREFULLY AND IN THEIR ENTIRETY IF AND WHEN THEY BECOME AVAILABLE BECAUSE THEY CONTAIN OR WILL CONTAIN IMPORTANT INFORMATION ABOUT ARCH, CONSOL AND THE PROPOSED TRANSACTION.

Investors and security holders will be able to obtain free copies of the registration statement and joint proxy statement/prospectus (if and when available) and other documents containing important information about Arch, CONSOL and the proposed transaction, once such documents are filed with the SEC through the website maintained by the SEC at http://www.sec.gov. Copies of the registration statement and joint proxy statement/prospectus (if and when available) and other documents filed with the SEC by Arch may be obtained free of charge on Arch's website at https://investor.archrsc.com/sec-filings/or_atternatively_by directing a request by mail to Arch's Coprorate Secretary at One CityPlace Drive, Suite 300, St. Louis, Missouri, 63141. Copies of the registration statement and joint proxy statement/prospectus (if and when available) and other documents filed with the SEC by CONSOL's website at https://investors.comolenergy.com/sec-filings.or, alternatively, by directing a request by mail to CONSOL's Corporate Secretary at 275 Technology Drive, Suite 101, Canonsburg, Pennsylvania 15317.

Participants in the Solicitation

Arch, CONSOL and certain of their respective directors and executive officers may be deemed to be participants in the solicitation of proxies in respect of the proposed transaction. Information about the directors and executive officers of Arch, including a description of their direct or indirect interests, by security holdings or otherwise, is set forth in Arch's prays statement for its 2024 Annual Meeting of Stockholders, which was fifed with the SEC on March 27, 2024, including under the headings "Executive Compensation," "Director Compensation," "Equity Compensation Plan Information," and "Security Ownership of Directors and Executive Officers." To the extent holdings of Arch common stock by the directors and executive officers of Arch have changed from the amounts of Arch common stock by the directors and executive officers of Arch have changed from the amounts of Arch common stock by the directors and executive officers of Arch have changed from the amounts of Arch common stock prom of Statements of Changes in Beneficial Ownership on Securities on Form 5 (Form 5"), statements of Changes in Beneficial Ownership on Form 4 ("Form 4") or Annual Statements of Changes in Beneficial Ownership on Form 4 ("Form 5"), statements of Changes in Beneficial Ownership on Form 5 (Form 5"), in each case filed with the SEC, including the Form 3 filed by George John Schuller on March 19, 2024, and the Forms 4 filed by Parnela Butcher on March 13, 2024, March 18, 2024 and June 17, 2024, James Chapman on March 11, 2024, Full Density on March 18, 2024, and Lune 17, 2024, Full Density on March 18, 2024, and June 17, 2024, George John Schuller on March 18, 2024 and June 17, 2024, George John Schuller on March 18, 2024, March 18, 2024, March 18, 2024, George John Schuller on March 18, 2024, March 18, 2024, March 18, 2024, George John Schuller on March 18, 2024, March 18, 2024, March 19, 2024, George John Schuller on March 12, 2024, Pellopa Palang on March 18, 2024, John June 17, 2024, George John Schuller on March 12, 2024, Pellop

Footnotes

Permission to use quotations neither sought nor obtained