

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
WASHINGTON, DC 20549

FORM 8-K

**CURRENT REPORT
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934**

Date of report (Date of earliest event reported): **April 24, 2014 (April 24, 2014)**

Arch Coal, Inc.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation)

1-13105
(Commission File Number)

43-0921172
(I.R.S. Employer Identification No.)

CityPlace One
One CityPlace Drive, Suite 300
St. Louis, Missouri 63141
(Address, including zip code, of principal executive offices)

Registrant's telephone number, including area code: **(314) 994-2700**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 7.01 Regulation FD Disclosure.

On April 24, 2014, Steven F. Leer, Chairman of the Board of Directors of Arch Coal, Inc. (the "Company"), and John W. Eaves, President and Chief Executive Officer of the Company, will deliver a presentation at the Company's 2014 annual stockholders' meeting. The slides from the presentation are attached as Exhibit 99.1 hereto and are hereby incorporated by reference.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

The following exhibits are attached hereto and filed herewith.

Exhibit No.	Description
99.1	Slides from the presentation at the 2014 annual stockholders' meeting.

Signatures

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 hereunto duly authorized.

Dated: April 24, 2014

Arch Coal, Inc.

By: /s/ Robert G. Jones

Exhibit Index

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99.1	Slides from the presentation at the 2014 annual stockholders' meeting.



Powering the Working World.

Annual Meeting of Shareholders

John W. Eaves, President & CEO

Saint Louis | April 24, 2014



Forward-Looking Information

This presentation contains “forward-looking statements” – that is, statements related to future, not past, events. In this context, forward-looking statements often address our expected future business and financial performance, and often contain words such as “expects,” “anticipates,” “intends,” “plans,” “believes,” “seeks,” or “will.” Forward-looking statements by their nature address matters that are, to different degrees, uncertain. For us, particular uncertainties arise from changes in the demand for our coal by the domestic electric generation industry; from legislation and regulations relating to the Clean Air Act and other environmental initiatives; from operational, geological, permit, labor and weather-related factors; from fluctuations in the amount of cash we generate from operations; from future integration of acquired businesses; and from numerous other matters of national, regional and global scale, including those of a political, economic, business, competitive or regulatory nature. These uncertainties may cause our actual future results to be materially different than those expressed in our forward-looking statements. We do not undertake to update our forward-looking statements, whether as a result of new information, future events or otherwise, except as may be required by law. For a description of some of the risks and uncertainties that may affect our future results, you should see the risk factors described from time to time in the reports we file with the Securities and Exchange Commission.

We're making progress toward our safety, environmental and financial goals

Notable accomplishments in 2013

Achieved second-lowest **safety** incident rate in company history

19%
improvement

Delivered ACI's second-best **environmental** compliance rate

30%
improvement

Reduced capital **expenditures** and regional unit **costs** in 2013 vs. 2012

25%
Capex

3-5%
Unit Costs

First quarter 2014 results

- Continue to manage what we can control
 - Reducing cost-per-ton guidance in Appalachia and Bituminous Thermal
 - Strong start-up of the Leer mine
 - Increased commitments at West Elk
 - Prudently managing capital expenditures
 - Earned 12 state safety and environmental awards
- U.S. thermal markets improving
- Metallurgical markets continue to be challenging
 - Reducing full year met coal sales estimate
- Financial results
 - \$736 million in sales revenues
 - Adjusted EBITDA of \$27.6 million
 - Liquidity of \$1.4 billion with over \$1.1 billion in cash



Our mine portfolio underscores the value of diversity

Powder River Basin

- Second largest PRB coal producer and reserve holder
- Expect domestic market demand to grow
- Available capacity to bring back volume as demand returns

Appalachian Region

- Emphasis on strong and growing metallurgical coal franchise
- Roughly half of our Appalachian volumes are sold into met markets
- Arch's coking coal quality has improved with addition of new Leer mine

Bituminous Thermal

- Broad domestic and international customer base
- Low-cost, low chlorine assets in Illinois, including 49% equity state in Knight Hawk
- Fully permitted Lost Prairie reserve represents future growth opportunity in Illinois Basin

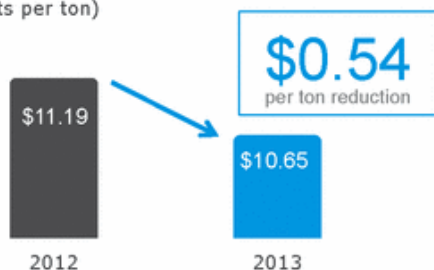
Arch completes start-up of Leer longwall, boosts coking coal product offering

- Completed start-up of new \$400 million Leer longwall mining complex in Northern Appalachia
- A majority of 400-person Leer workforce has prior company experience
- Overall cash costs per ton should improve in Appalachian region with addition of Leer

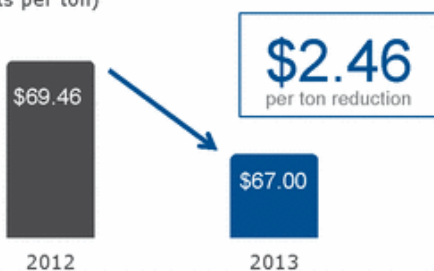


Arch's strong cost containment and process improvement initiatives are yielding results

Powder River Basin (cash costs per ton)



Appalachia (cash costs per ton)



- Demonstrating the success of process improvement initiatives
- Controlling consumable costs (i.e. diesel, explosives)
- Reducing contractor and overtime labor costs
- Decreasing parts and supplies expense as well as carrying costs of inventory
- Right-sizing operations



Taking decisive action to enhance our financial and competitive position

- Sale of noncore assets unlocks incremental value
 - Canyon Fuel sale completed in August 2013 for \$423 million in cash
 - Recent ADDCAR Systems and Hazard Mining Complex sales in 2014 collectively generated \$47* million and reduced reclamation liabilities
- Capital spending of between \$180-190 million** in 2014 is approximately \$100 million lower than 2013 and \$200 million lower than 2012

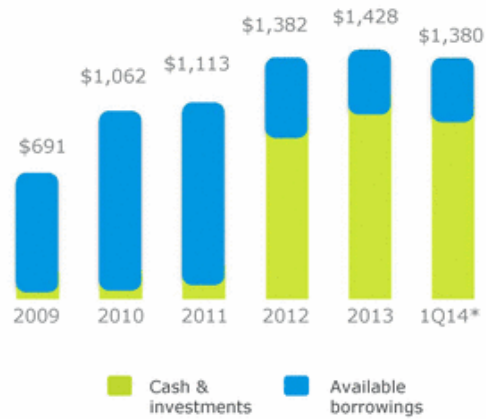
*Proceeds net of post-closing adjustments

**As given on 4/22/14 inclusive of land payments

Arch has built a strong liquidity position, primarily in cash, to withstand ongoing market challenges

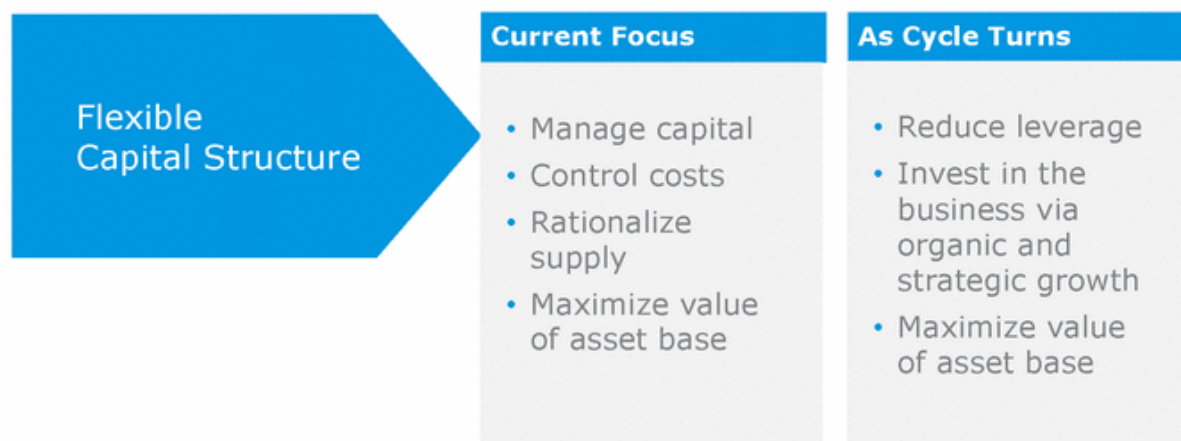
- Refinancing transactions in 2013 bolstered liquidity without increasing cost of capital
- No significant debt maturities until 2018
- Arch has successfully amended terms in its existing senior secured revolving credit facility
 - Provides additional covenant flexibility
 - Arch has expanded access to its revolver

Total Liquidity
(at 12/31, in millions)



We're successfully navigating current coal markets – and well positioned for an eventual recovery

Arch's diversified operations, balanced product portfolio, competitive cost structure and enhanced liquidity position will allow it to emerge as an even stronger player as the market recovers





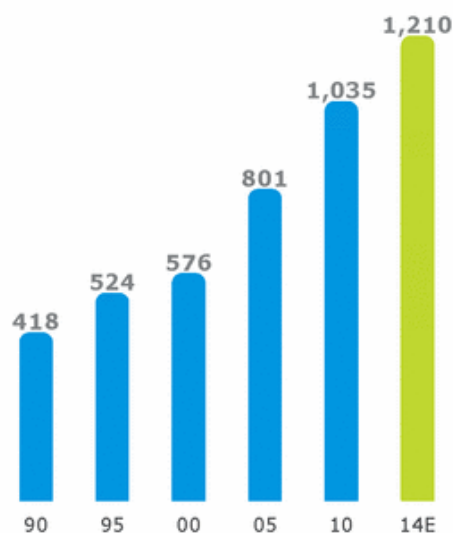
Powering the Working World.

Coal Market Update



Growth in global steel consumption will continue to drive metallurgical coal use

Blast Furnace Iron Production (in millions of tonnes)

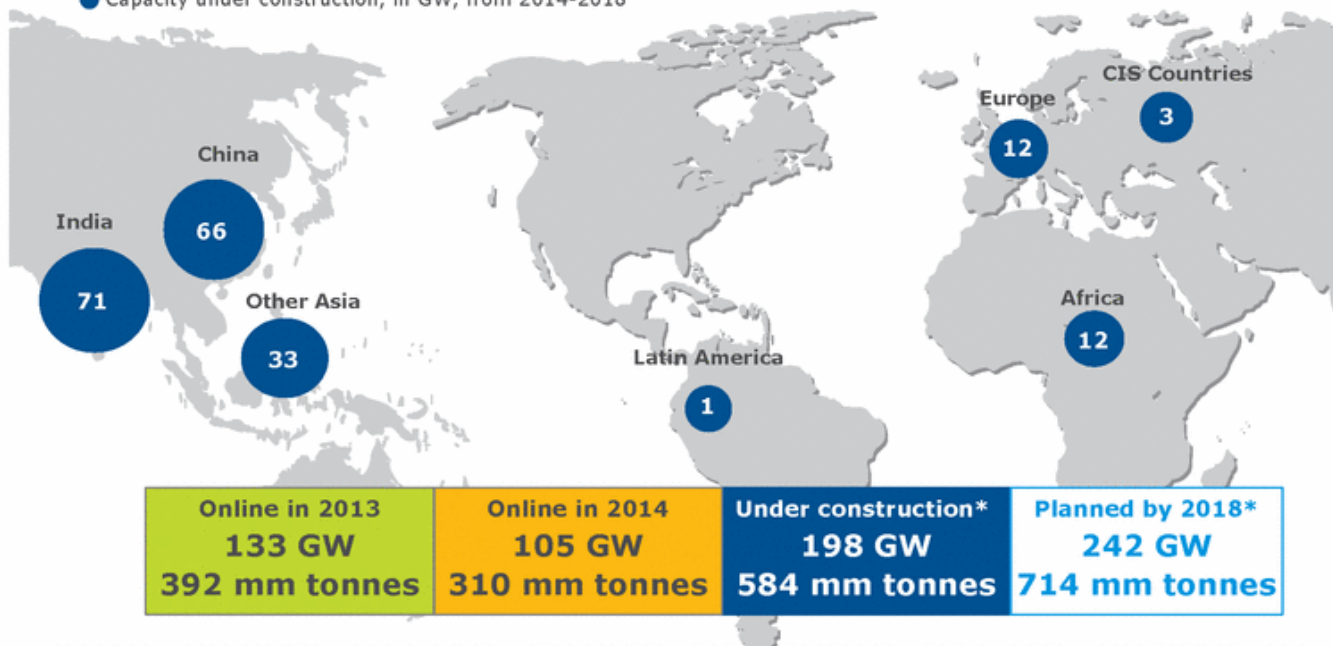


- Blast furnace output expected to reach 1.2 billion tonnes in 2014, more than doubling since 2000
- Global steel consumption projected to total 1.4 billion tonnes in 2018
- Metallurgical coal supply growth has outpaced demand, but investment in new capacity is slowing due to low seaborne pricing
- New metallurgical coal supply coming online likely peaked in 2013

Nations around the world are building coal-based power plants to fuel electricity needs

New Coal-Fueled Generation Coming Online by 2018

● Capacity under construction, in GW, from 2014-2018



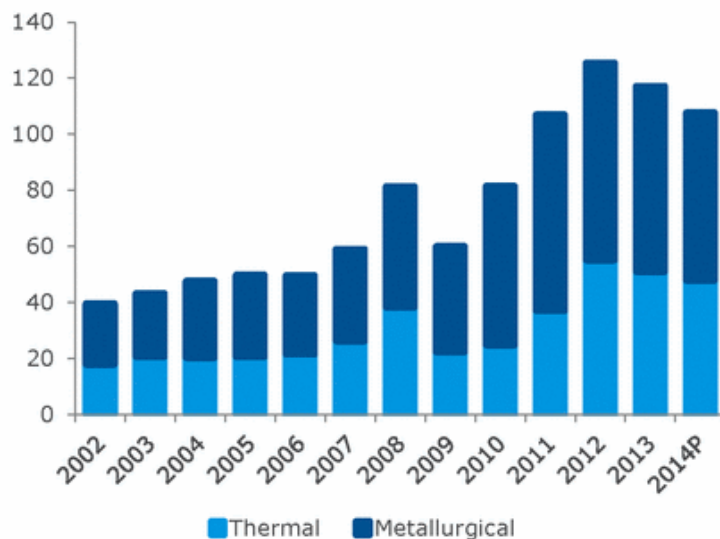
Sources: ACI and Platts International

*Includes capacity expected to come online in 2014

U.S. coal exports retracing currently, but remain at historically high levels

U.S. Coal Exports

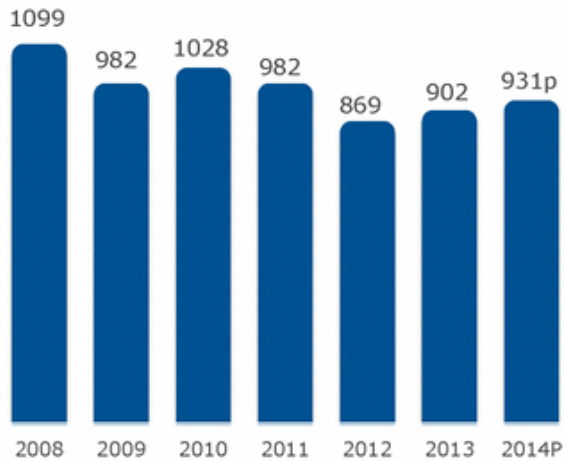
(in millions of tons)



- We expect U.S. coal to play an increasingly important role in global coal supply in the years ahead
- Arch is focused on expanding our participation in global markets over time

In the U.S., thermal coal consumption has rebounded after several years of decline

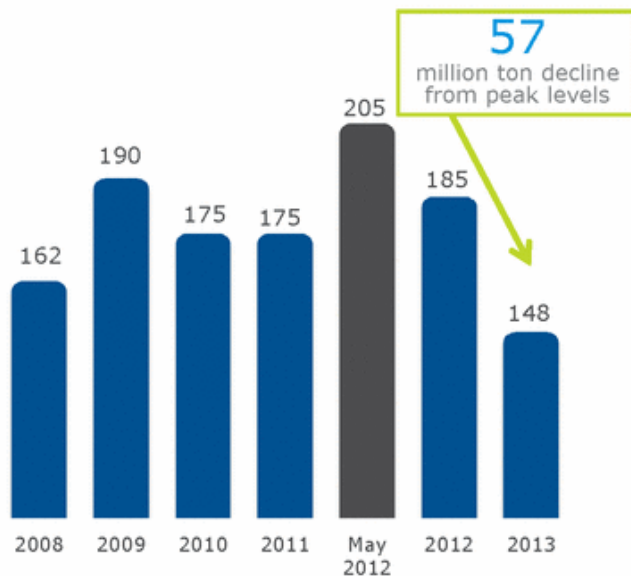
U.S. Thermal Coal Consumption
(in millions of tons)



- Weak power demand, lower natural gas prices and increasing regulatory pressures have cut into coal consumption
- Higher natural gas prices in 2013-2014 have spurred generators to run coal plants harder
- Thermal coal consumption increased 33 million tons in 2013 and appears likely to increase again in 2014

U.S. coal stockpiles ended 2013 below the five-year average; lowest year-end level since 2006

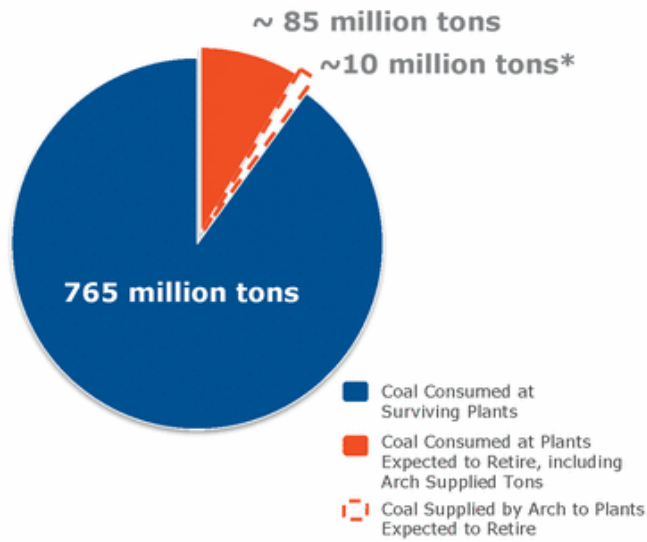
**Estimated Coal Stockpile Levels
at U.S. Power Generators**
(in millions of tons, at December 31)



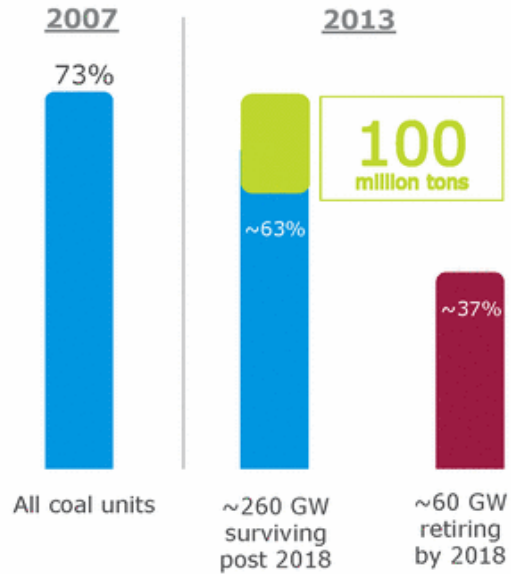
- After peaking in May 2012, coal stockpiles at U.S. generators declined to 148 million tons in December 2013, the lowest year-end level since 2006
- Another 35+ million ton drop in stockpiles during 2014 would bring inventories down to levels not seen since 2005

About 60 GW of coal-based capacity to retire by 2018, which is headwind, but excess capacity could be an offset

Coal Consumption for Power Generation
(based on 2013 data)



Average Coal Plant Utilization
(Capacity factors)

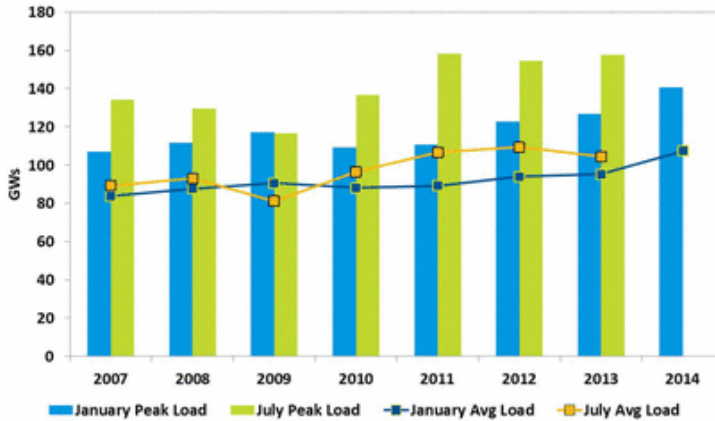


Sources: Wood Mackenzie, SNL, Ventyx and ACI

*Excluding Canyon Fuel

Severe winter temperatures have focused greater attention on coal's important role in energy mix

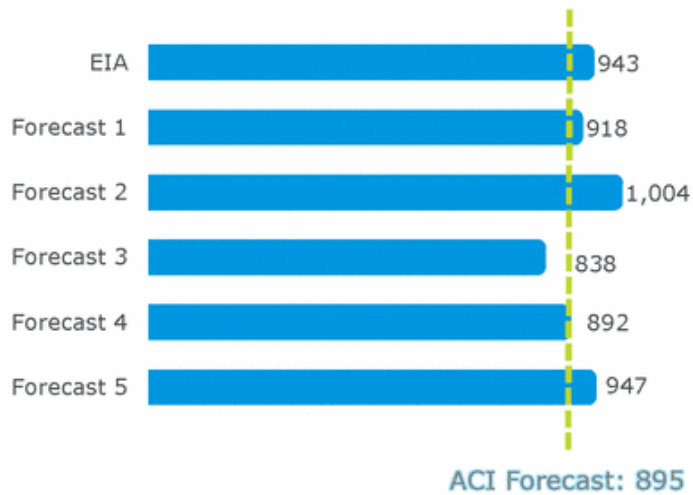
PJM January and July Peak Average Load
(Capacity factors)



- Price spikes served as reminder that fuel diversity and reliability have value
- AEP and Southern Company stated ~90% of coal plants to be retired were needed this past winter to fulfill demand
- While power demand was high this winter, the U.S. actually is a summer-peaking country

Even with retirements, there will still be a big market for thermal coal in the U.S.

Projected U.S. Thermal Coal Consumption in 2020
(in millions of tons)



- Even with retirements, we expect a very sizable domestic market for thermal coal in 2020
- Arch's position in low-cost PRB, as well as organic growth potential in Illinois, should prove to be advantageous

Arch is promoting coal's importance through a wide range of initiatives

- Through the Partnership for a Better Energy Future, we are working with industries that represent 80% of U.S. economy in support of a vital role for coal
- Through association-led and direct efforts, we are engaging consumers, labor and air authorities at the state level
- Through the Alliance for Northwest Jobs and Exports, we are supporting regional efforts to establish new port capacity on the West Coast
- Through the National Carbon Capture Center and other initiatives, we are supporting the development of near-zero-emission coal technologies





Arch is flexible and well-positioned to evolve along with markets

- Arch is holding the line on costs, containing capital spending and proactively managing liquidity
- Arch is executing on its strategic plans to monetize non-core assets and increase financial flexibility
- Arch is poised to capture upside as global coal markets recover
- Arch's asset base is well positioned with a strategic focus on regions with high growth, good margins and stable cash flows:
 - A strong PRB franchise
 - An expanding metallurgical coal platform
 - A bituminous thermal segment serving both the domestic and seaborne coal trade