

**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): **November 6, 2013 (November 6, 2013)**

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.

Beginning in November, 2013, and at other times thereafter, members of the senior management team of Arch Coal, Inc. (the "Company"), will use the attached slides in various investor presentations. The slides from the presentation are attached as Exhibit 99.1 hereto and are hereby incorporated by reference.

The information contained in Item 7.01 and the exhibits attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall they be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended (the "Securities Act") or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

The following exhibits are attached hereto and filed herewith.

Exhibit No.	Description
99.1	Arch Coal, Inc. Investor Presentation Slides

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: November 6, 2013

Arch Coal, Inc.

By: /s/ Robert G. Jones
Robert G. Jones
Senior Vice President — Law, General Counsel and Secretary

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Exhibit Index

Exhibit No.	Description
99.1	Arch Coal, Inc. Investor Presentation Slides

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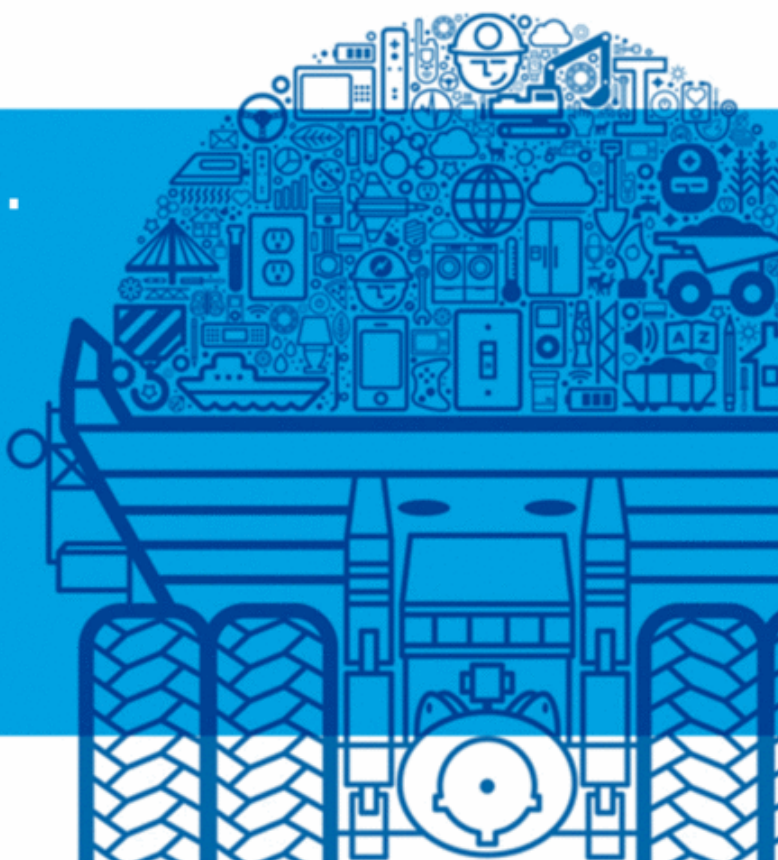


Powering the Working World.

Arch Coal, Inc.

Investor Presentation

November 2013



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.

Slide 2



Arch is the most diversified U.S. coal producer, and the No. 2 reserve holder in the nation

5+ Billion

Ton Reserve Base

Powder River Basin

3,309

million tons of reserves

Appalachia

1,047

430 Met/PCI
million tons of reserves

Bituminous Thermal

1,025

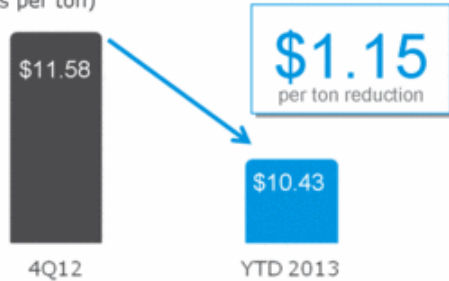
million tons of reserves

Arch serves customers in 25 countries. Our power generation business serves 160 power plants in 37 states as well as coal power plants on three continents, while our international coking coal platform serves steel facilities around the world.

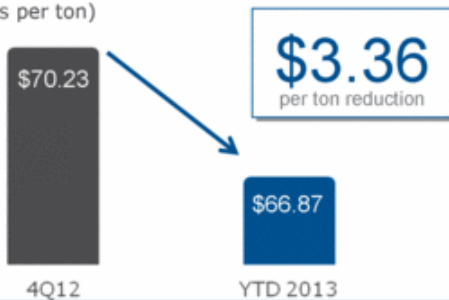
Slide 3

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

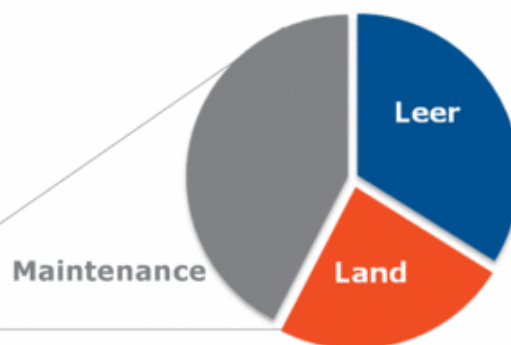
Slide 4

Arch is reducing its capital expenditures in line with evolving coal market conditions

Total Capital Expenditures
(in millions)



2013 Projected Spending By Category
(based on midpoint of 2013 guidance*)



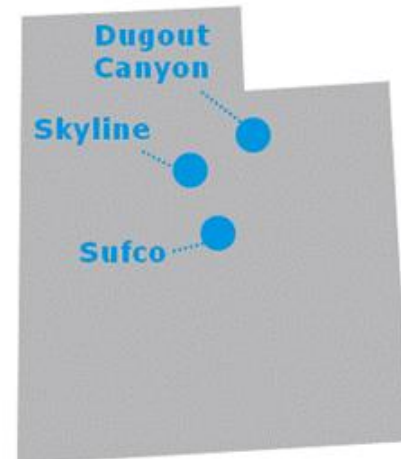
- Arch expects further reductions in capital expenditures in 2014

Arch is monetizing non-core assets that don't fit with the company's long-term strategic growth plans

- Canyon Fuel sale completed in August 2013 for \$423* million in cash
- Transaction pulls forward multiple years of cash flow, creating shareholder value
- Sale generates \$200+ million in capital and cost savings over next four years
- Incremental \$10 million in annual administrative cost reductions
- A gain on the sale of \$116 million was recorded during 3Q13

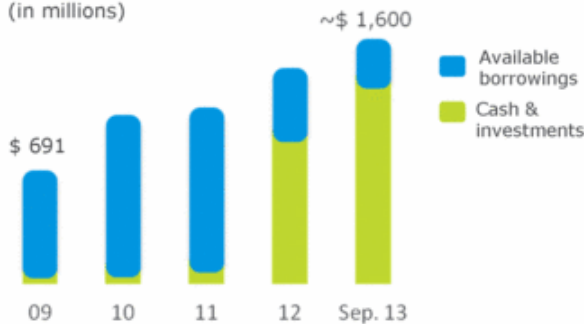
Canyon Fuel Assets

- **Three mining operations in Utah**
- **~105 million tons of reserves**



Arch has a strong liquidity position, primarily in cash

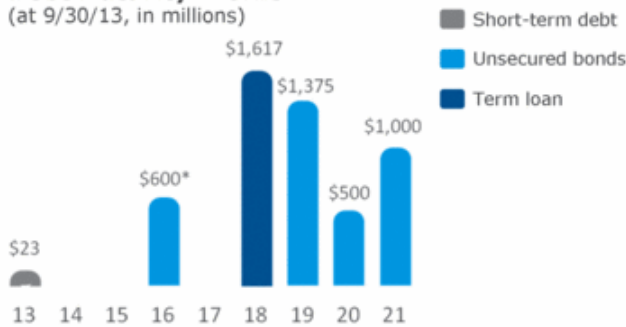
Total Liquidity
(in millions)



- Arch’s current strategy favors holding cash versus historically maintaining higher borrowing capacity

— Roughly \$1.4 billion in cash at September 30, 2013

Debt Maturity Profile
(at 9/30/13, in millions)



- No debt maturities until 2016
- Relaxed financial maintenance covenants until late 2015

*2016 bonds are currently callable

Arch is well-positioned to benefit as coal markets improve

Arch’s diversified operations, competitive cost structure and enhanced liquidity position will allow it to emerge as an even stronger player as the market rebalances

Flexible Capital Structure

Current Focus

- Manage capital
- Control costs
- Rationalize supply
- Continue met development
- Maximize value of asset base

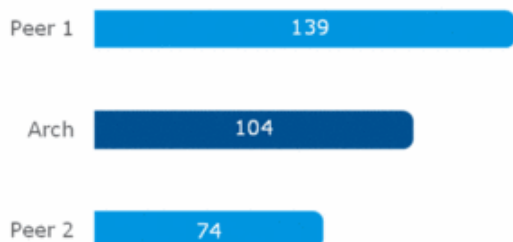
As Cycle Turns

- Reduce leverage
- Invest in the business via organic and strategic growth
- Return capital to stakeholders
- Maximize value of asset base

Arch's asset base includes a leading, low-cost Powder River Basin position with meaningful available capacity

Southern Powder River Basin

(2012 production, in millions of tons)



- Arch has a strong position in the PRB, the nation's largest coal supply basin
 - Primarily 8800-Btu, low-sulfur product
 - Available capacity to bring back volume as demand returns
 - Expect PRB to expand domestically
 - Pursuing export growth off West Coast

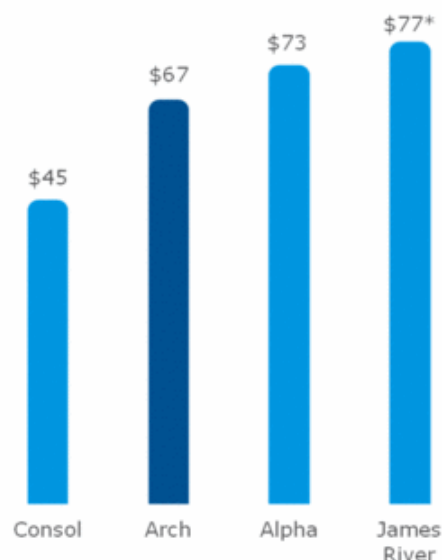
Sources: ACI, MSHA

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Arch's Appalachian portfolio is low in cost — and is geared toward higher-margin met assets

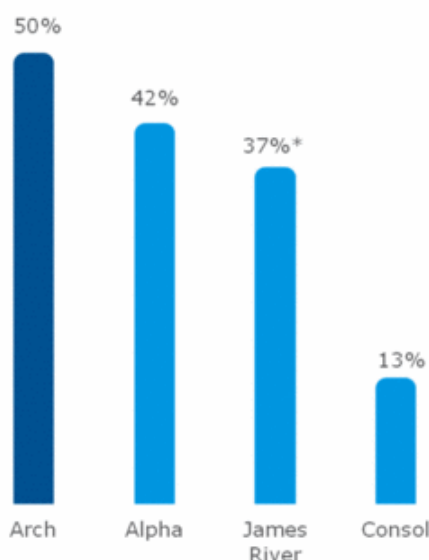
Appalachian Cash Costs

(YTD 2013 reported costs, \$/ton)



Metallurgical Production as % of Appalachia

(Based on YTD 2013 tons sold)



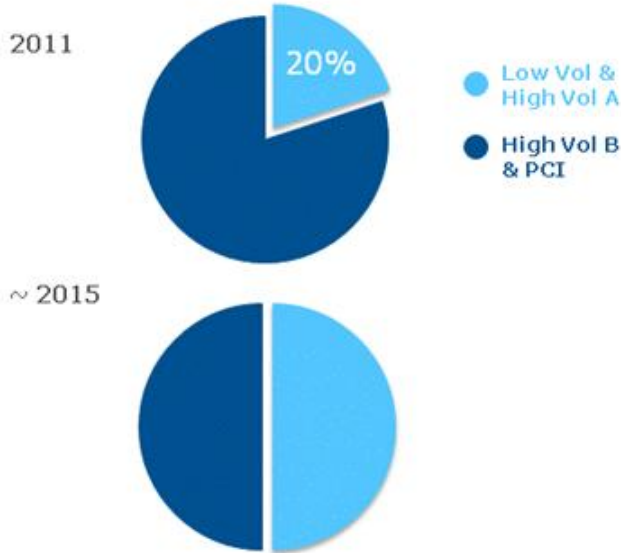
Sources: Peer earnings and SEC filings, MSHA and ACI

*Based on 1H13 reported results

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Arch's metallurgical coal platform is expanding and shifting towards higher-quality coking coals

Metallurgical Coal Production Mix





Arch's new Bituminous Thermal segment serves diverse domestic and seaborne coal markets



- West Elk is a low-cost, valuable asset with a broad domestic and international customer base
- Viper operation is a low-cost and highly competitive mine
- Fully permitted Lost Prairie reserves represent a future organic growth opportunity in the Illinois Basin
- Arch also owns a 49% equity stake in Knight Hawk Coal*, a growing producer of low-chlorine coal

*Results not included in segment

Arch expects to play a larger role in the expanding seaborne coal trade

- Seaborne coal trade
- Arch's export volumes



Coal Market Update



While coal market conditions are challenging in the near term...

- Global macroeconomic uncertainty is impacting both thermal and metallurgical coal demand
- Emerging markets have slowed in the face of economic weakness in the developed world
- Utilization rates at global steel mills stand at roughly 79% – off peak levels
- Seaborne thermal and metallurgical coal prices have fallen to unsustainably low levels

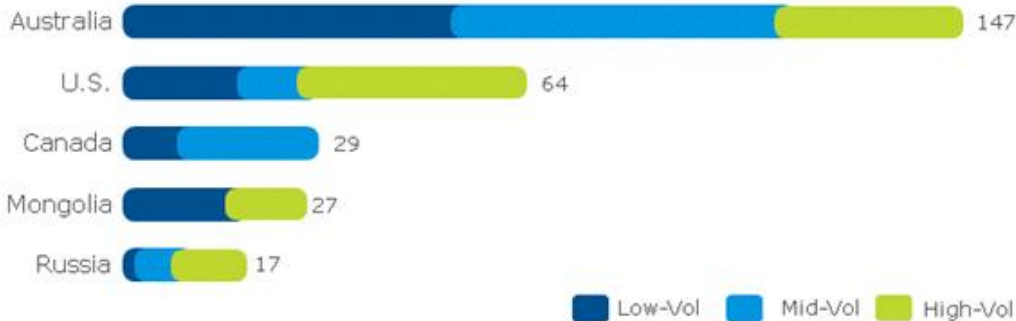


... long-term prospects for thermal and metallurgical coal demand remain bright

- World steel consumption is expected to increase more than 35% by 2020
- World population should top 8 billion by 2030 – with substantial urbanization and growth in the middle classes of the emerging world
- The rapid build-out of the world's coal-based power plant fleet continues to be strong
- Rationalization of higher-cost global metallurgical coal supply is underway
- Capital spending for future metallurgical coal supply projects is being curtailed, which will reduce future supply growth and further support markets over time

The U.S. already plays a sizable and increasingly essential role in global metallurgical markets

2012 Metallurgical Export Coal Supply
(in millions of metric tonnes)



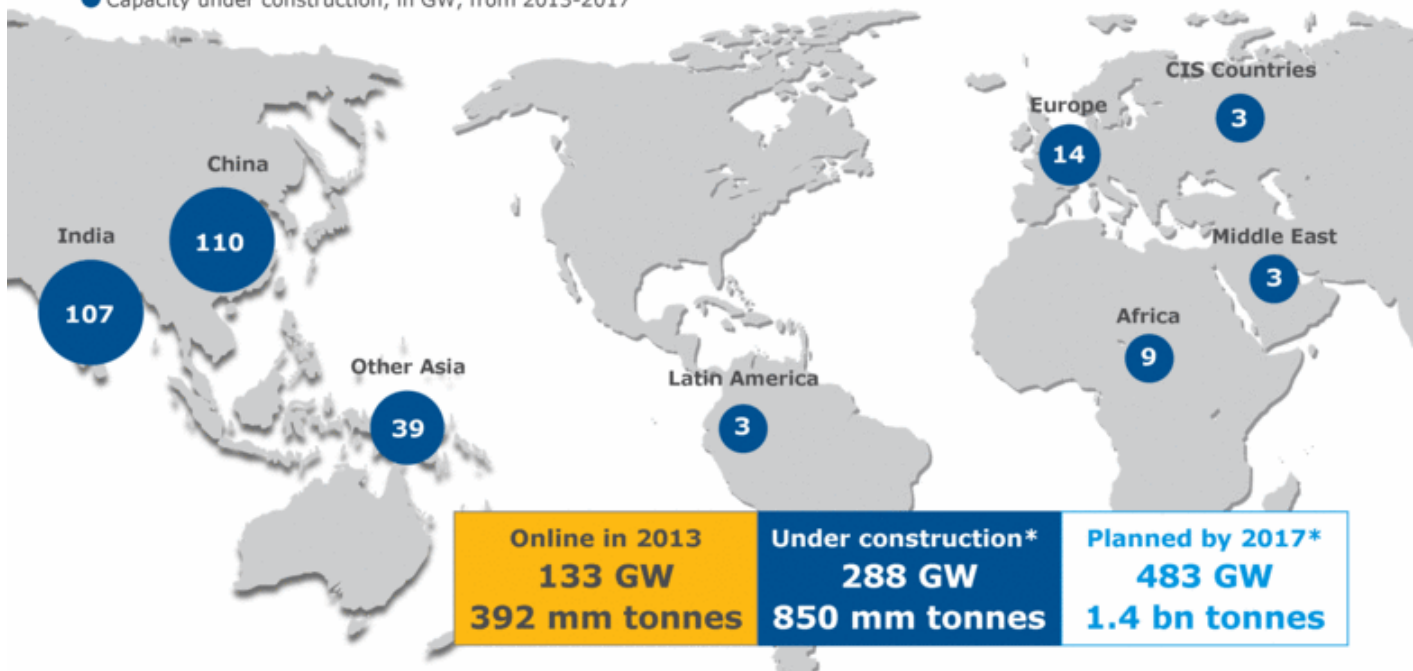
- The U.S. is an essential source of seaborne metallurgical coal — second only to Australia
- U.S. output of low-vol and mid-vol coals is comparable to Canada

Sources: Wood Mackenzie, T. Parker Host and ACI

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

New Coal-Fueled Generation Coming Online by 2017

● Capacity under construction, in GW, from 2013-2017



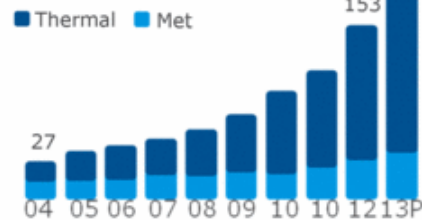
Sources: ACI and Platts International

*Includes capacity expected to come online in 2013

The trend of increased coal imports is unmistakable ... and not confined to India and China

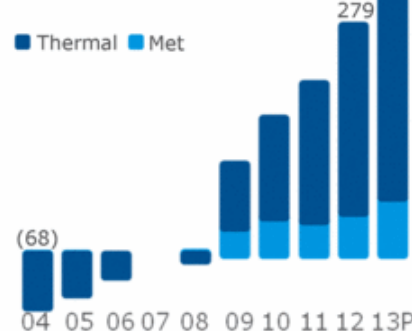
India net imports

(in millions of metric tonnes)



China net imports

(in millions of metric tonnes)



- Since 2007, South Korean imports have risen 45% to 128 million metric tonnes
- Vietnam plans to add more than 30 GWs of coal-based capacity this decade – and Taiwan, Indonesia, Malaysia and the Philippines are following a similar path
- Thailand’s energy agency expects power demand to double by 2030, and views coal as a lower cost and more secure option than LNG
- Japan’s coal use rose 15% in 2013; two new coal plants are scheduled to come online soon; and coal is increasingly viewed as a strategic substitute for shuttered nuclear plants

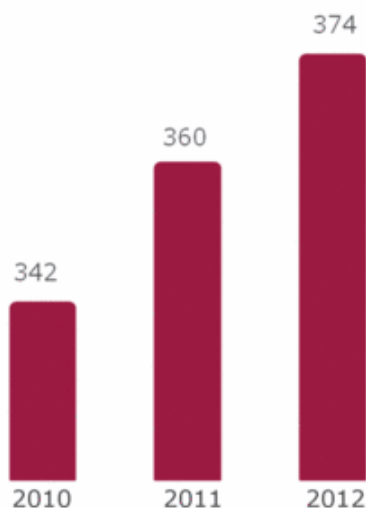
Sources: ACI, McCloskey, India Coal Market Watch Data, Bloomberg, JP Morgan / Bangkok Post

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European coal consumption is rising in the face of escalating natural gas prices

Coal Burn for Power Generation in Europe

(in millions of tonnes of coal equivalent)*



- With natural gas prices at nearly three times the level prevailing in the U.S., Europe is consuming more coal
- Expiring natural gas contracts as well as an acrimonious history of natural gas purchases from Russia provide further incentives
- Declining indigenous production in Europe should translate into increased coal imports, even in the face of intensifying regulatory pressures
- 5 GW of new coal-fueled capacity coming online on the continent in 2013

Sources: IEA, IHS CERA, McCloskey and ACI

*Excludes consumption of brown coal

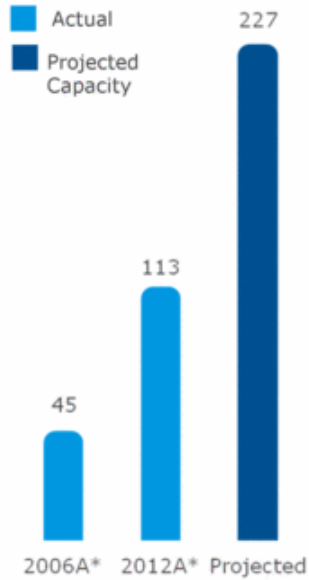
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Planned U.S. port expansions could support a doubling of coal exports over the next five years or so

U.S. Exports

(in millions of tonnes)



West Coast	
Ridley**	4
Westshore**	4
CA	3
Pacific Northwest	30
Total	41

East Coast	
NS/Lamberts	29
DTA	18
CNX Marine	14
Pier IX	13
CSX/Curtis Bay	12
Total	86

Southwest	
Deepwater	10
Total	10

Midwest	
Great Lakes	6
Total	6

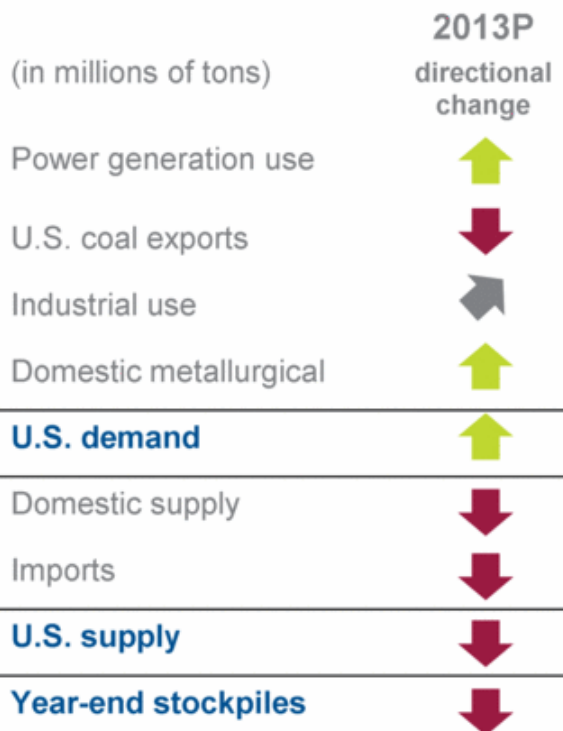
Gulf Coast	
IMT	15
United	10
Burnside	9
Convent	7
Mid-streaming	22
Total	63

Southeast	
Mobile	16
Other AL	5
Total	21

Sources: ACI, NMA, Port Terminal Presentations

*Includes overland shipments to Canada/Mexico
 **Capacity available for U.S. sourced volumes

We are seeing improving trends in U.S. coal markets during 2013



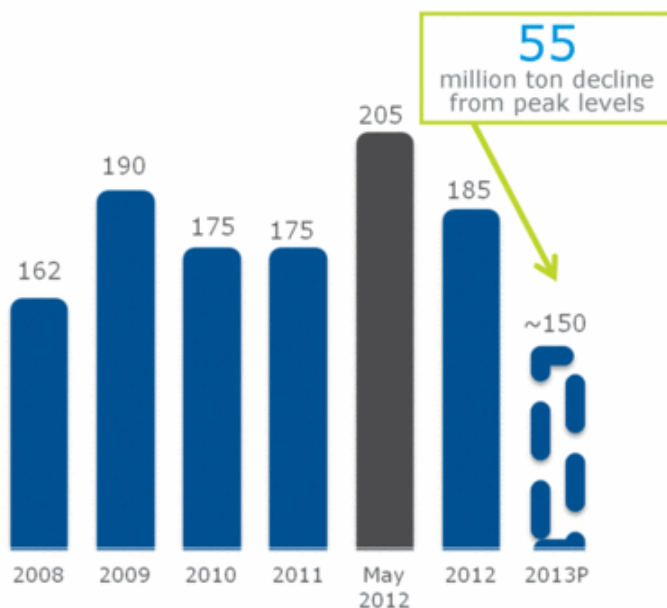
- In 2012, U.S. coal demand declined 90 million tons. Supply fell nearly 80 million tons, leading to a build in U.S. generator coal stockpiles.
- Trends are reversing in 2013:
 - Coal consumption has increased by more than 30 million tons through August
 - U.S. exports have remained sizable, and are expected to total 105 million to 110 million tons in 2013
 - U.S. coal production declines have accelerated since June 2013

Sources: EIA, IHS CERA and ACI

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U.S. coal stockpiles should further liquidate in 2013; could end the year below the five-year average

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



- After a record build in May 2012, coal stockpiles at U.S. generators declined to 185 million tons by December. This positive downward trend has continued into 2013.
- Coal stockpiles have fallen more than 25 million tons so far in 2013 and could end the year below the five-year average.

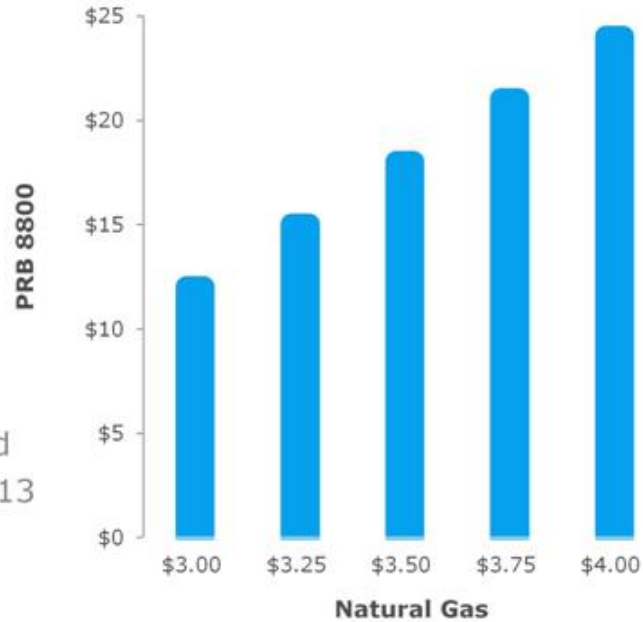
Sources: EIA, EVA and ACI

Slide 23

The economics of coal — particularly in the PRB — are compelling in today’s natural gas market

- Powder River Basin coal remains the most cost competitive fossil fuel source in the U.S.
- Demand outlook improving in 2013:
 - PRB stocks represented 60 days of supply at September 30, and could continue to decline
 - Natural gas prices have averaged around \$3.65 year-to-date in 2013

PRB Parity with Natural Gas*
(coal = \$ per ton; gas = \$ per million Btu)

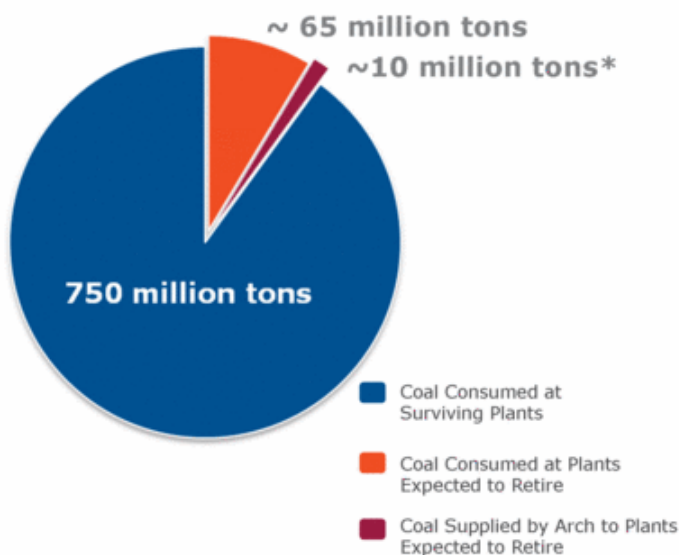


Sources: ACI, EIA, Ventyx

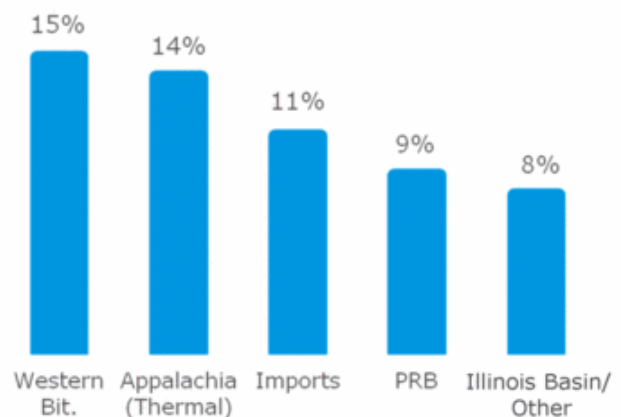
*Assumes transportation charge of \$20 to \$25 per ton; incremental non-fuel costs; and appropriate heat rate differentials for NGCC plants and coal plants.

Arch expects 55 GW of coal-based generating capacity to retire by 2018, but the impact on coal consumption is not that large

Coal Consumption for Power Generation
(based on 2012 data)



Percentage of Each Basin’s Total Supply that was Delivered to At-Risk Plants in 2012



PRB and ILB basins are least impacted by coal plant closures

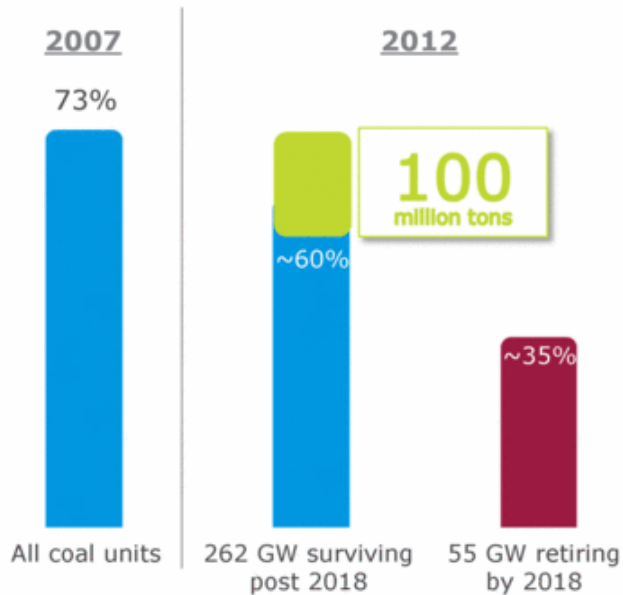
Sources: Wood Mackenzie, SNL and ACI

*Excluding Canyon Fuel

The potential offset to coal plant closures is the demonstrated ability to run the surviving coal fleet at higher utilization levels

Average Coal Plant Utilization

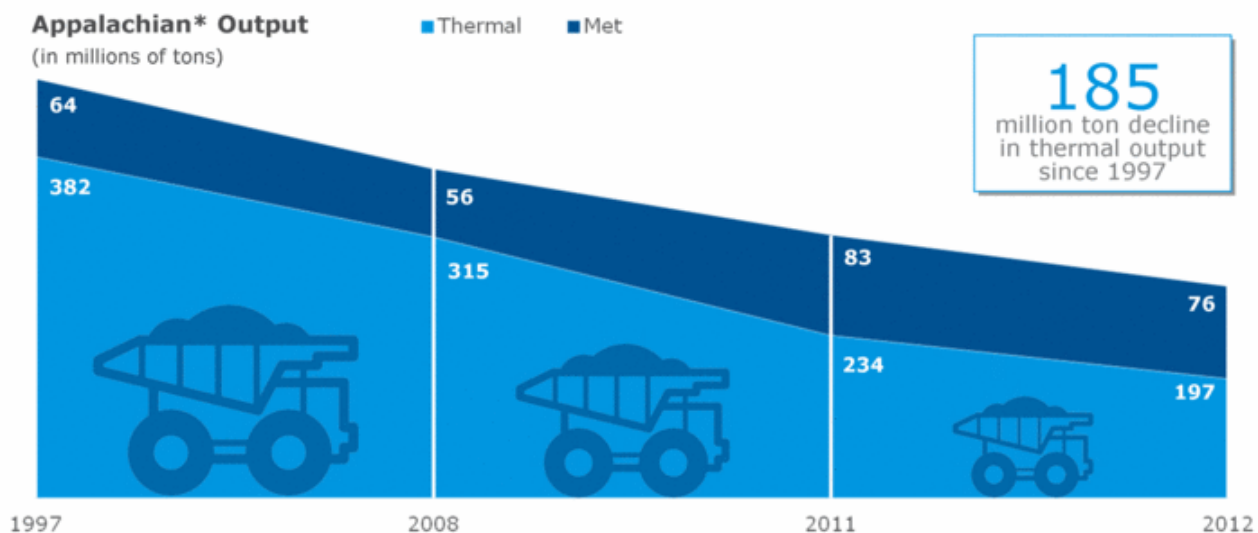
(Capacity factors)



- The coal plants expected to retire are older, less efficient and are running at very low capacity factors
 - Once those plants retire, that generation will need to migrate elsewhere ... most likely to the surviving coal plants
- Coal fleet has run at much higher utilization rates in the past – and larger, surviving plants retrofitted with modern control technologies should be able to operate at much higher capacity factors

Ongoing supply rationalization will bring balance to coal markets

Appalachian thermal coal is in long-term secular decline. Arch expects thermal output in the region to fall further in 2013.



Sources: EIA and ACI

*Includes Northern and Central Appalachia

Slide 27

Arch is well positioned in an evolving coal market landscape

- 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 to enhance shareholder value
- Arch is poised to capture upside as global coal markets recover
- Arch's asset base is well positioned – with a focus on a strong PRB franchise, a growing metallurgical coal platform and an ancillary bituminous thermal segment serving both the domestic and seaborne coal trade

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