Coal Exports

The Next Big Climate Threat

The Gulf Coast will become the off-ramp for coal headed for Europe, China and India

Companies in the US plan on capitalizing on a bullish India and Chinese demand by expanding coal exports, especially on the US Gulf Coast where political cultures and captured agencies are generally more favorable towards the extraction industries.
Coal export terminals for product from the Illinois Basin, Alabama and from as far away as the Powder River Basin are already at various stages of development in Texas, Louisiana and Alabama.

**Total Potential Tons of coal per year that could be shipped: 179 million**

- Total is based on industry publications, permits and company statements.
- Current Capacity: 75.5 million tons per year
- 2012 Actual Exports: 50.2 million tons per year

**Number active and proposed coal terminals: 14**

3 active midstreamer companies with floating coal terminals

One newly proposed midstreamer in same area as RAM terminal, MG Midstreaming

**Potential Tons of CO2 emitted per year from combustion: 430.8 million**

Potential Tons of mercury: 29.1

This is equivalent to the emissions of 111 coal plants, or an additional 81.4 million passenger vehicles on the road.
Goals of the CGCC

- Reduce climate change by stopping the construction of new coal export facilities along the Gulf Coast, and the expansion of existing facilities.
- Reduce emissions of air and water pollution at existing facilities and force owners to employ the best available control technologies and practices.
- Seek reduction and discontinuation of coal exports from existing facilities.
- Build alliances with the communities that are most affected by coal transportation and storage, including those that are located next to coal terminals, waterways and rail lines. Support these communities in reducing their exposure to toxic pollution.
Total US coal combustion emissions: 1.8 billion tons
Coal expansions stopped by activists: 651 million tons
Coal emissions from retirements from activism: 545 million tons by 2015, 1 billion tons by 2030
Proposed Terminals In Louisiana

<table>
<thead>
<tr>
<th>Potential Terminals?</th>
<th>Potential Capacity?</th>
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</thead>
<tbody>
<tr>
<td>RAM / Armstrong</td>
<td>8 M Tons</td>
</tr>
<tr>
<td>Pin Oak</td>
<td>6-8 M Tons</td>
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<tr>
<td>Castleton</td>
<td>5-7 M Tons</td>
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Kinder Morgan’s IMT & Wood Park, LA

Photo credit: Gulf Restoration Network
Oiltanking’s United Bulk, Davant, LA
Pictured, clockwise from top left: Global Community Monitor’s Denny Larson & Brian Ernst in Wood Park, LA; coal dust cloud near Myrtle Grove on Hwy 23; coal dust cloud over marsh Easter Sunday 2013 near Myrtle Grove, LA.
Proposed RAM coal export terminal would impact Louisiana’s coastal restoration plan

- Louisiana loses a football field of coastal wetlands every 45mins
- Coastal Protection and Restoration Authority (CPRA): state agency mandated to develop, implement and enforce LA’s Coastal Master Plan
Kinder Morgan Coal Terminal Network

- West Coast Export Coal
- Cabotka Terminal Domestic Coal
- Kellogg Dock Domestic Coal
- Cora Terminal Domestic Coal
- Houston Bulk Terminal Export Coal
- Deepwater Terminal Export Coal
- IMT Terminal Export Coal
- Milwaukee bulk Terminal Domestic Coal
- Fairless Hills Terminal Import and Export Coal
- Chesapeake Terminal Import Coal
- Pier IX Terminal Import and Export Coal
- Shipyard River Terminal Import Coal

Current major KM coal terminals
2012 Investment = @ $400MM

Possible future KM export coal terminals
Estimated investment between $200- $500MM
Houston Kinder Morgan and Jacintoport

Marwood

Proposed export terminal

wetlands

Kinder Morgan Deepwater Terminal
- Served by Union Pacific and BNSF Railroads
- 643k tons exported in 2012
- Expansion underway for 10 mm tons ttl capacity
KMs expansion is on track for completion and operation by April 1, 2014.

Jacintoport LLC has been planning a coal terminal south of Marwood for the past 20 years and is now breaking ground on the project.
The Calhoun Port Authority plans on exporting 3.7 million tons of coal and petcoke annually.

Efforts against this terminal have included attending Port Commission meetings, an article in the Victoria Advocate, and comments to TCEQ.
Mumford Rail Terminal

The proposed Mumford Yard would double Peabody Coal’s export potential and allow export of low grade Mexican coals.

Union Pacific plans on capitalizing on “near-shoring” to Mexico, coal exports, and the Eagle Ford and Bakken shale plays.

The likelihood of a train accident is double or triple that of a pipeline accident.
Three terminals were scrapped in Corpus Christi due to grassroots activism and economic factors.

This eliminated 25 million tons of dirty coal that would be shipped, 60 million tons of CO2 emitted, and over 2 tons of mercury contamination.
Gulf coast ports are vulnerable to sea level rise

Scenarios of 61 cm and 122 cm (2 and 4 ft) of relative sea level rise are likely. With 4 feet of sea level rise, we found that about three-quarters of the freight facilities and non-freight facilities at ports would be inundated. Seawalls could cost as much a $100 million per mile.
Thermo graph show how intense shipping emissions are
Tactics for Stopping Proposed Gulf Coast Coal Export Terminals

- research,
- organizing,
- media and public education,
- financial analysis,
- legal remedies
Our Plans

- Organize neighbors, churches, students,
- Fighting permits
- Water and air testing
- Organizing along rail lines
- Media
- Power map the membership of port commissions to determine who can influence these decision-makers
• Destroy job impact claims
• Challenging financial assumptions about exports
• Publicize coal port expansion public subsidies
• Show impact of increased carbon dioxide emissions on river and gulf communities
• Organize business who will face more shipping difficulties as a result of more coal
• Developing a vision of a clean Gulf economy

Financial and Economic Risks of the Burnside Terminal Coal Port Expansion Project

By Tom Sanzillo
We Are All Downstream

COAL
IT'S WHAT'S FOR DINNER

Toxic coal dust gets in your water
Coal dust poisons fish
You eat fish

POWER PAST COAL
communities against coal export