December 6, 2011

WEST VIRGINIA:
ENERGY POWERING ECONOMIC DEVELOPMENT

(Petrochemical Production Costs by Country/Region)

Global Supply (billion lbs.)

- United States in 2010
- Middle East
- Western Europe
- China
- Other Northeast Asia
- Relative position of United States in 2005

2010 Estimated Production Costs* ($/lb.)

High

Low

*Based on estimates from best available data
ETHYLENE CHAIN

Natural Gas → Ethane → Cracker

Intermediate Products
- PVC
- Vinyl Chloride
- Ethylene Glycol
- Styrene
- Polystyrene

Pool Liners
Window Siding
Trash Bags
Sealants
Carpet Backing
Insulation
Detergent
Flooring
Pipes

Food Packaging
- Bottles
- Cups
- Housewares
- Crates

Footwear
- Clothes
- Diapers
- Stockings
- Toys
- Textiles

Tires
- Sealants
- Paint
- Antifreeze

Adhesives
- Coatings
- Films
- Paper Coatings
- Models
- Instrument Lenses
WEST VIRGINIA

SHALE GAS CAN LEAD TO NEW INVESTMENT, JOBS, WAGES AND TAX REVENUE FOR WEST VIRGINIA

Access to vast, new supplies of natural gas from shale deposits is one of the most dramatic domestic energy developments in the last 50 years. The economics of shale gas not only create a competitive advantage for U.S. petrochemical manufacturers, but also lead to greater U.S. investment and industry growth.

INVESTMENT PHASE
(building the facility)

$3.2 billion capital investment

$949 million industry revenue
$15 million in West Virginia tax revenue
$363 million in worker wages
8,000 American jobs

OPERATION PHASE
(ongoing production)

$7 billion in industry revenue
$95 million in West Virginia tax revenue
$729 million in worker wages
12,000 American jobs

A $3.2 BILLION investment in an ethylene production complex in West Virginia will generate a total of $4.8 BILLION in additional chemical industry output, bringing the state’s industry revenues to more than $13 BILLION and making it the country’s 13th largest chemical producing state.

In West Virginia, more than 12,000 permanent jobs will be created in the chemical industry and throughout the supply chain in everything from trade and craft jobs to highly-skilled knowledge workers.

WHY WEST VIRGINIA?

$8 billion in revenue

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23rd largest chemical producing state in the U.S.

and nearly 10,000 West Virginia jobs

major rail systems

considerable shale gas deposits

access to the Ohio River

excellent universities

within 500 miles of U.S. industrial base

More than $729 MILLION in wages will go into the pockets of West Virginia workers, generating nearly $95 MILLION in state tax revenue and $139 MILLION in federal revenue.

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