Mingo County Redevelopment Authority

Steve Kominar, Executive Director

“Coal-To-Liquids: Beyond Light”

Governor’s Energy Summit

~ December 10, 2012 ~
MCRA - Stakeholders of Mingo County’s economic success and continued diversification.

2004 – MCRA recognized the need to add more value to our coal resources other than electricity generation.

2005 – MCRA began researching value added coal products which would afford continued economic sustainability.
So We Asked Ourselves:

- Is it economically feasible to convert coal into one or more high grade products?
  - Yes
    - Availability of feed stock
    - Market for fuel

- If so, is it possible to find a site in Mingo County that would support such a plant?
  - Yes
    - Post Mine Land Use
    - Feedstock trucked and belted
Technical evaluations of oil and gas prices, energy forecasts, supply/demand scenarios, industry regulations, etc., lead us to target coal-to-diesel fuel production.
CTL: Diesel Fuel

......November 2005
MCRA’s preliminary feasibility study yields positive indicators

......Early 2006
MCRA identifies project site, potential technology and suppliers

......December 2006
MCRA partners with Rentech Technologies of Denver, CO
A conversion technologies company specializing in the production of clean energy fuels.

Demonstration synthetic fuels conversion facility in Denver, CO
Despite significant progress with Rentech (i.e., research, technology, engineering, design, site selection, and supply,...

...external factors precipitated a shift in the project’s direction.
In 2007, then Governor Manchin called the MCRA: “I’ve got a company that’s looking to build a coal-to-gasoline plant in WV, and I think that Mingo County has all of the necessary resources to make it work.”

- Site / Location
- Coal Supply / Feedstock
- Workforce
- Accessibility
- Feasibility Study
- Grass Roots Support
Mission

Converting America's vast coal reserves into ultraclean gasoline.

TransGas and its affiliates have been pioneers in developing clean, reliable and efficient energy in the United States for over a quarter century. TransGas is continuing this tradition to become the nation's leader in Clean Coal to Gasoline (CCTG) helping America achieve energy independence.
TGDS has aggressively pursued development of the Mingo County project from the beginning:

2007 – Site Selection Finalized
2008 – Partnership formed with gasification technology partner
2008 – WV Permit Application Filed
2008 – Public Meeting for Mingo County Coal-To-Gasoline Proposal
2009 – Partnership formed with refining technology partner
2010 – Adams Fork Energy is Formed
2011 – Adams Fork signs 50 year lease with MCRA
2011 – WV “Permit To Construct” Awarded
2011 – $3B in WV Bonds Approved
2011 – Preliminary Construction Began
2012 – Partnership Formed with Investment Company
ECONOMIC IMPACT:

- 3,500 Construction jobs over 4 year period
- 300 Permanent jobs once operational
- 1,000+ Indirect jobs
- Triple Mingo County’s tax base
- Creates new market for non-compliance coal
- Puts West Virginia at the forefront of securing the nation’s energy independence
Mingo County, WV – Site of Adams Fork Energy
TransGas Development Systems
www.transgasdevelopment.com

Provides for Energy Independence and National Security
Mingo County Redevelopment Authority

Steve Kominar, Executive Director
Leasha Johnson, Deputy Executive Director
Randall Harris, Director of Project Development
Board of Directors: Terry Sammons, Chairman,
Andy Dillon, James Simpkins, Paul Pinson,
C. Donovan Beckett, General Robert Foglesong,
and Sarah Smith