



Income Opportunities On Reclaimed Mined Lands

Charleston Civic Center Charleston, WV January 29, 2018



Eight **TOUGH** Years! – Headed **BACK**! Friends



		Year	
Production	2008	2016	2017
Underground	97,378,703	69,985,513	78,352,708
Surface	68,372,114	<u>14,854,871</u>	18,479,268
Total Production	165,750,817	84,840,384	96,831,916
Mines			2 nd Quarter 2017
Underground	300	54	61
Surface	240	<u>45</u>	<u>60</u>
Number of Mines	540	99	121
Employment			2017
Underground	14,678	10,124	10,103
<u>Surface</u>	<u>6,249</u>	<u>2,426</u>	<u>3,306</u>
Direct Coal Employment	20,927	12,550	13,409
Contractors	<u>29,245</u>	<u>28,804</u>	<u>33,036</u>
Total Employment	50,172	41,354	46,445



We must:



- Maintain safety performance/environmental protection
 - Best coal miners/managers in the world—Protect them!
- "Level the field" among competing fuels
 - Coal is most dependable—reliable (90-day stockpile)
 - Equalize subsidies regulations
- Encourage WV investment— "Economic Opportunity Tax Credit"
- Equalize severance tax with competing states (PA, IL, IN, OH)
- Incentivize plant upgrades & exempt from NSR
 - Utilize Guaranteed Loan Program
 - Bring <u>all</u> plants into PSC jurisdiction (predictable rates, Pleasants Plant)
- Increase Research \$\$ (change academia's attitude!)
 - Production Clean Coal Coal to Gas/Liquids/Chemicals REE's Power Plants
- Encourage met coal production and export



We are:



- Converting liabilities into national/international assets (Research)
 - Rare earth elements mine refuse acid mine drainage sludge mine water
- Converting liabilities into local/regional/state assets
 - Extensive mine pools with excellent water quality
 - Use water for agricultural irrigation vs. treating to unrealistic standards
- Using our industry as a "bridge" to that diversification
 - National Guard (DoD) training areas
 - maneuver, live-fire ranges, obstacles, DZ's and LZ's
 - Experimental research areas Polaris, Michelin, GM
 - "Patriot Guardens" Agriculture development with veterans
 - Greenhouses / Golden Delicious Apples / Beekeepers / Cattle / Pork
 - Rebuild facilities international equipment from war zones
 - Associate members hydraulic tires complete rebuild



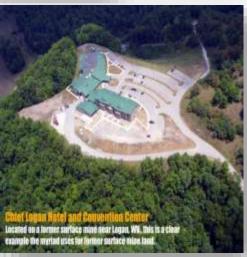
Sustaining for the Future

MINING is "helping build a diversified WV"









- Joint Base West Virginia Tyler-Morgan, Fola, Logan
 & Mingo (DoD/National Guard) DZ and LZ
- Agriculture "Patriot Guardens" / Greenhouses/
 Golden Delicious Apples/Beekeepers/
 Cattle/Pork/VETERANS
- -- Maneuver training/experimental/ranges
- -- Rebuild/ hydraulic and electric rebuild
- Bechtel Summit <u>Boy Scout</u> Complex Fayette
- Mingo Central High School
- Earl Ray Tomblin Conference Center-Chief Logan
- King Coal Highway & Coalfield Expressway
- Mingo & Logan Counties' Regional Airports
- Twisted Gun Golf Course
- Hatfield-McCoy Trail System
- The City of Weirton
- Pete Dye golf course
- Mount View High
- Independence High School
- Regional jails and federal prisons
- Anker Sports Complex
- Beckley YMCA Soccer Complex
- FBI Complex
- Mylan Park
- Bright Mountain Subdivision