



# ***Income Opportunities On Reclaimed Mined Lands***

*Charleston Civic Center  
Charleston, WV  
January 29, 2018*



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



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



**Chief Logan Hotel and Convention Center**  
Located on a former surface mine near Logan, WV, this is a clear example the myriad uses for former surface mine land.

- Joint Base West Virginia – Tyler-Morgan, Fola, Logan & Mingo (DoD/National Guard)—DZ and LZ
- Agriculture – “Patriot Gardens” / Greenhouses/ Golden Delicious Apples/Beekeepers/ Cattle/Pork/VETERANS
- Maneuver training/experimental/ranges
- Rebuild/ hydraulic and electric rebuild
- Bechtel Summit Boy Scout 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