



Mining and Wind: Conflicts and Opportunities



Conflicts

- Mining cannot work around a wind farm.
- Mining has a small footprint, but when mining is taking place, it is all-consuming.



Conflicts

- Even mines that do not remove the overburden will have conflicts.
- For instance with in-situ recovery (ISR) uranium mines the entire surface above the ore deposit is used by the operation.





Opportunities

- There are opportunities.
- Once mining is completed and the land is reclaimed, it would be a perfect place for a wind farm.
- Rocky Mountain Power is using the reclaimed Dave Johnson mine for a wind farm.





Economics of a Mine

- A mine will generate significant revenue.
- A unit of mineral production will pay severance taxes and ad valorem production taxes.
- If the mineral is a leasable mineral, such as coal, there will be federal mineral royalties, bonus bids for leasing coal, and abandoned mine reclamation fees in addition to the normal property taxes and sales taxes that a non-coal operation will pay.

Economic Impact from a 40 Million Ton per Year Mine

Production in tons or pounds	40,000,000
Severance Tax	\$ 19,000,000
Ad Valorem Tax on Production	\$ 16,000,000
Ad Valorem Tax on Real and Pers. Prop.	\$ 1,000,000
Federal Mineral Royalty (Total paid)	\$ 37,000,000
Abandoned Mine Reclamation Fee (Total fee)	\$ 12,000,000
Bonus Bids (Total paid)	
State Royalties	\$ 4,000,000
Sales Tax	\$ 6,000,000
No. of Employees	594
Payroll Including Benefits	\$ 55,338,000

Thank you!

