



The Future of Coal

Hal Quinn
President & CEO
National Mining Association



Global Megatrends

Hyper-Urbanization

Half the population resides in urban centers today — 75% by 2050

Rising 'world middle class'

Rising middle class in developing world is shifting global consumption and supply patterns

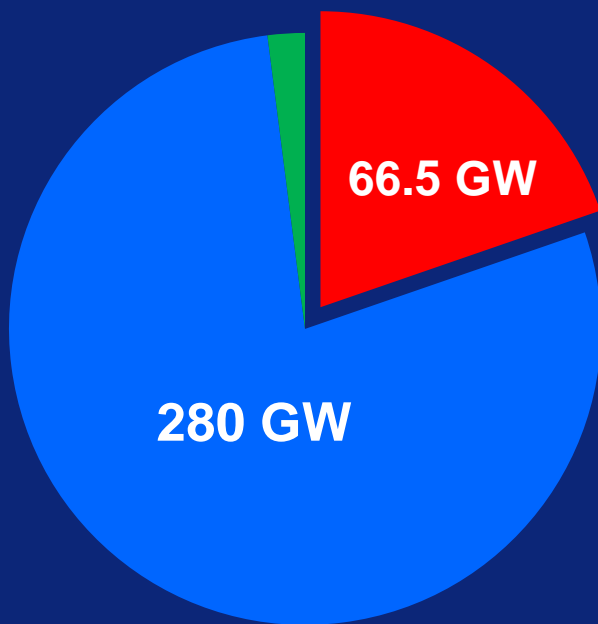
Technology

2.5 billion connected people and 1 trillion connected objects



US Coal Rebounds

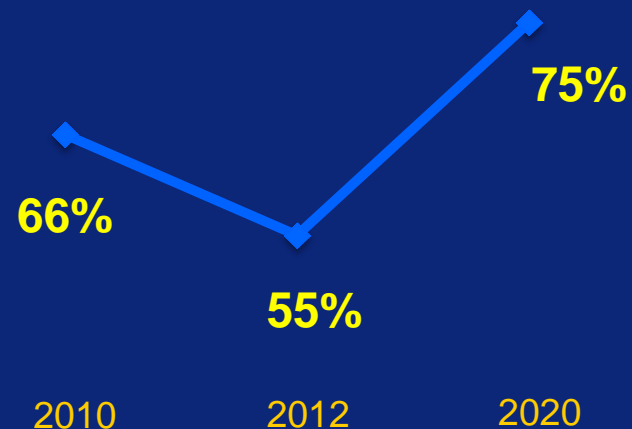
U.S. Coal Fleet (In gigawatts of capacity)



- Capacity at risk of retiring by 2020
- Expected capacity to remain online
- Includes 7 GW New Capacity

Source: EVA, NMA

U.S. Coal Plant Utilization (Remaining 280 gigawatts)



2020: ~110 MST recovery from 2012 levels

