

# Redefining Energy and Economic Opportunities in Appalachian Coalfield Communities

Fugitive methane from active and abandoned coal mines in Appalachia – where **75% of America's coal mine-related emissions** are concentrated – can be captured and repurposed for energy production, offering significant energy security, supply chain, and economic benefits for the region.



## REPURPOSING EMISSIONS

CMM capture projects in Pennsylvania, Virginia and West Virginia could repurpose for beneficial use **25.9 million metric tons of CO<sub>2</sub>e emissions annually**.

The equivalent of:



**2.9B**

gallons of gasoline consumed



**5.1M**

homes' electricity use for one year



**6.1M**

gas-powered passenger vehicles emit in a year

## JOB CREATION AND SUSTAINED ECONOMIC IMPACT



**~2,600**

average PA, WV & VA jobs supported



**\$225M**

average annual GDP contribution over first 5 years



**\$175M**

in local, state & federal tax payments

**5 YEARS**

**~2,800**

average PA, WV & VA jobs supported

**\$240.4M**

average annual GDP contribution over first 20 years

**\$1.1B**

in local, state & federal tax payments

**20 YEARS**