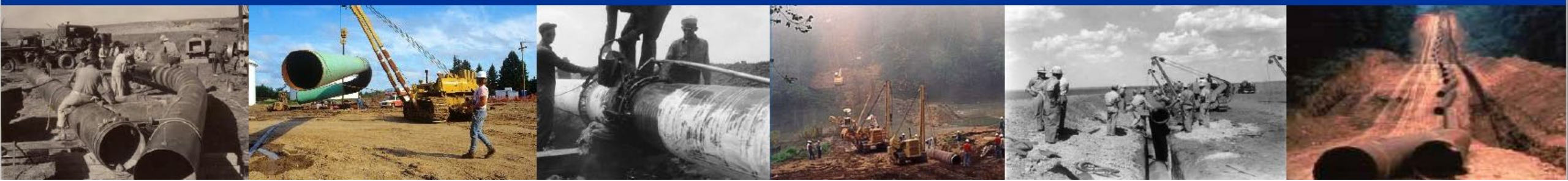
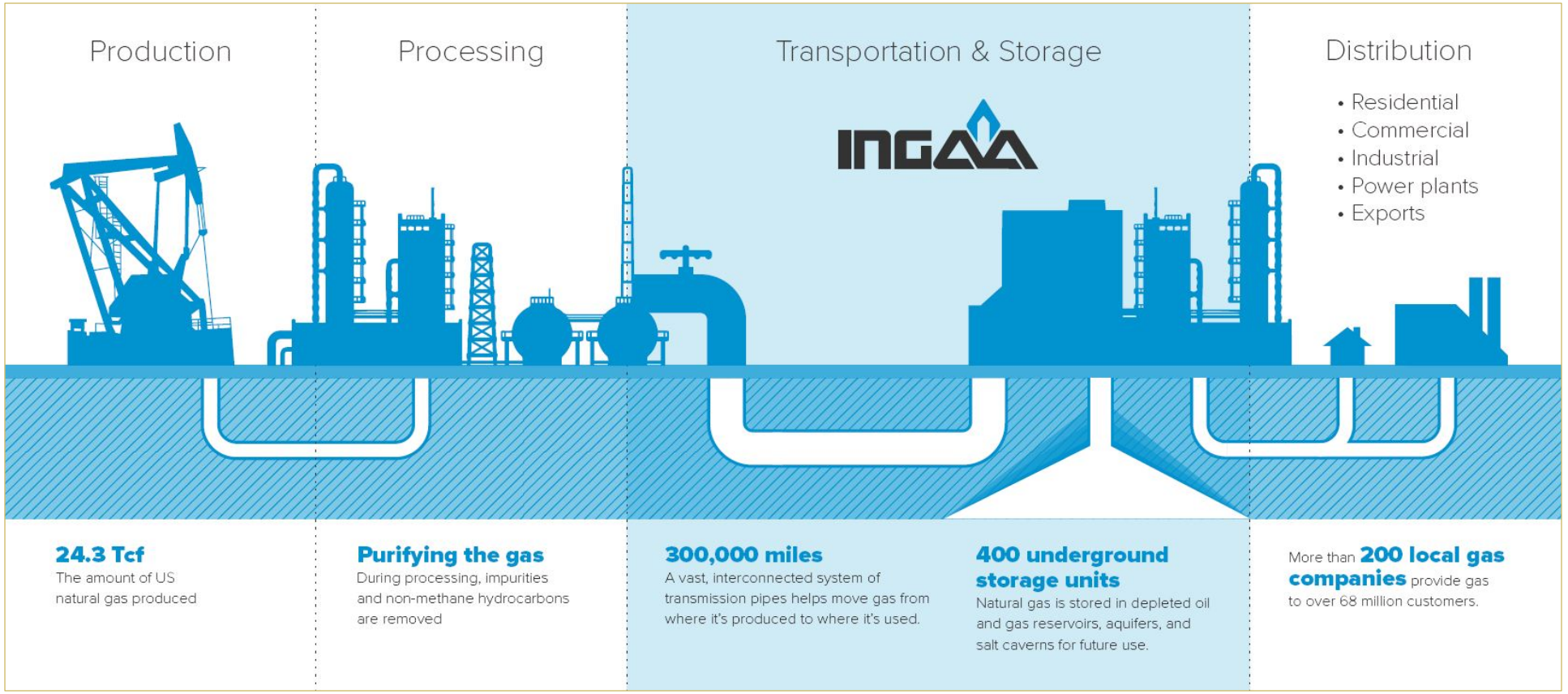
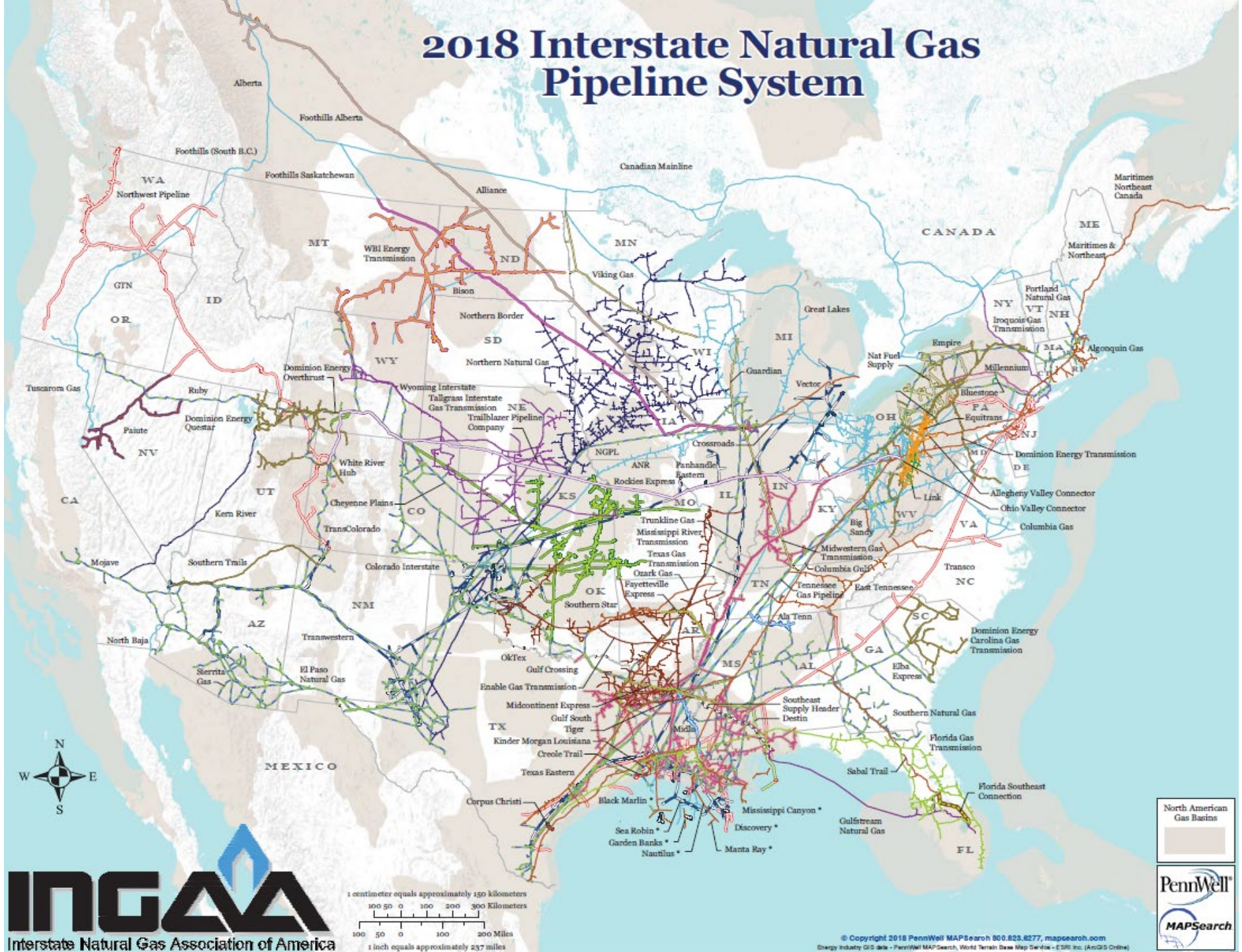
Industry Partners Panel



About INGAA


Production
Processing
Transportation & Storage
Distribution
• Residential
• Commercial
• Industrial
• Power plants
• Exports
24.3 Tcf
The amount of US natural gas produced
Purifying the gas
During processing, impurities and non-methane hydrocarbons are removed
300,000 miles
A vast, interconnected system of transmission pipes helps move gas from where it's produced to where it's used.
400 underground storage units
Natural gas is stored in depleted oil and gas reservoirs, aquifers, and salt caverns for future use.
More than 200 local gas companies provide gas to over 68 million customers.


2018 Interstate Natural Gas Pipeline System
Alberta
Foothills Alberta
Foothills (South B.C.)
Foothills Saskatchewan
Canadian Mainline
Alliance
Maritimes Northeast Canada
Maritimes & Northeast
Portland Natural Gas
Iroquois Gas Transmission
Algonquin Gas
Northwest Pipeline
WHI Energy Transmission
Viking Gas
Bison
Northern Border
Great Lakes
Empire
Nat Fuel Supply
Millennium
Guardian
Vector
Bluestone
Equitrans
Dominion Energy Transmission
Northern Natural Gas
Dominion Energy Overthrust
Wyoming Interstate
Tallgrass Interstate Gas Transmission
Trailblazer Pipeline Company
Tuscarora Gas
Ruby
Paiute
Dominion Energy Questar
White River Hub
Cheyenne Plains
Kern River
TransColorado
Colorado Interstate
Crossroads
NGPL
ANR
Panhandle Eastern
Rockies Express
Trunkline Gas
Mississippi River Transmission
Texas Gas Transmission
Ozark Gas
Fayetteville Express
Southern Star
Link
Allegheny Valley Connector
Ohio Valley Connector
Columbia Gas
Big Sandy
Midwestern Gas Transmission
Columbia Gulf
Tennessee Gas Pipeline
East Tennessee
Transco
Ala Tenn
Dominion Energy Carolina Gas Transmission
Elba Express
Southeast Supply Header
Destin
Southern Natural Gas
Florida Gas Transmission
Sabal Trail
Florida Southeast Connection
Gulfstream Natural Gas
Mississippi Canyon *
Discovery *
Manta Ray *
Nautilus *
Sea Robin *
Garden Banks *
Black Marlin *
Corpus Christi
Texas Eastern
Creole Trail
Kinder Morgan Louisiana
Tiger
Gulf South
Midla
Midcontinent Express
Enable Gas Transmission
Gulf Crossing
OkTex
Transwestern
El Paso Natural Gas
Sierrita Gas
North Baja
Mojave
Southern Trails
CANADA
MEXICO
WA
OR
CA
ID
NV
MT
WY
UT
AZ
NM
CO
ND
SD
NE
KS
OK
TX
MN
IA
MO
AR
LA
WI
IL
MS
MI
IN
KY
TN
AL
GA
SC
NC
VA
WV
OH
PA
NY
VT
NH
ME
MA
RI
CT
NJ
MD
DE
FL
GTN
N
W
E
S
North American Gas Basins
1 centimeter equals approximately 150 kilometers
100 50 0 100 200 300 Kilometers
100 50 0 100 200 Miles
1 inch equals approximately 237 miles
INGAA
Interstate Natural Gas Association of America
PennWell
MAPSearch
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BHE GT&S

A BERKSHIRE HATHAWAY ENERGY COMPANY

- 5500 Miles Gas Transmission
- 756 BCF Natural Gas Storage
- Cove Point LNG
- Small Scale LNG

Integrity Management Continuous Improvement (IMCI) 2.0

- Regular Stakeholder Engagement
- Transportation and Storage of Renewable Natural Gas (RNG)
- Transportation and Storage of Hydrogen
- Rupture Detection and Response
- Managing Emissions from Integrity and Maintenance Work
- Development of American National Standards Institute (ANSI) Standard for Managing Geohazards
- Integration of Electro-Magnetic Acoustic Transducer (EMAT) In-Line Inspection (ILI) into Standards
- Regulatory Acceptance of Non-Traditional Pipe

Transportation and Storage of RNG

- RNG represents tremendous potential in decarbonizing the gas transmission network by providing methane offsets for agriculture, landfills, and wastewater treatment facilities, among others.
- INGAA members have years of experience with transporting RNG.
- INGAA and its members are working to develop a technical guidance document that describes best practices for transporting and storing RNG.

Transportation and Storage of Hydrogen

- Hydrogen represents tremendous potential in decarbonizing the natural gas transmission network.
- INGAA is working on a report that summarizes the technical challenges to enable the safe transportation and storage of hydrogen.
- The report will identify potential research gaps that could impede a safe and efficient transition to hydrogen.

Managing Emissions from Integrity and Maintenance Work

- INGAA and its members recognize the need to reduce emissions while conducting integrity and maintenance related work, where practical.
- These emissions can be reduced in many instances, but the safety of the public, employees, contractors and assets must remain priorities.
- INGAA and its members will produce a best practice white paper identifying various strategies to reduce emissions from the interstate natural gas pipeline network.