

FACT	DATA AVAILABLE	PAGE	SOURCE
<p>“177 million Americans use natural gas...”</p> <p>“...providing natural gas service safely and effectively to more than 177 million Americans...”</p>	November	1, 20, 25, 35	AGA Gas Facts , U.S. Census Bureau Table AVG1, American Housing Survey
Invest \$700 every second to help enhance the safety of natural gas distribution and transmission systems	December	4,25	AGA, Gas Facts , Income Statements and Construction Expenditures
Add 1 new customer every minute	November	4	U.S. Department of Energy, EIA, Annual Report of Gas Operations
Spend \$4 million on energy efficiency programs every day	December	4	AGA, Natural Gas Efficiency Programs
Install 2 miles of pipeline every hour	August	4	U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, DOT Form 7100
Savings for Consumers		8	AGA, Residential Natural Gas Market Survey ; AGA Energy Analysis, A Comparison of Energy Use, Operating Costs, and Carbon Dioxide Emissions of Home Appliances . (Charts and tables are updated annually with new data (Bruce McDowell) even though EA is not updated annually)
Heating Value Compared to Other Energy Sources	Brendan O’Brien	10	U.S. Department of Energy, Office of Energy and Renewable Energy
Chart: Annual Energy Prices to Residential Consumers	Updated “Annual Energy Prices with Projections” Excel Spreadsheet	11	U.S. Department of Energy, Energy Information Administration ; U.S. Department of Energy, Energy Information Administration, Heating Oil and Propane Forecasts come from EIA Annual Energy Outlook, Table 3 http://www.eia.gov/forecasts/aeo/tables_ref.cfm
Low domestic natural gas prices have led to savings of almost \$50 billion for residential natural gas customers over	Bruce McDowell	12	EA – Identifying Key Economic Impacts of Recent Increases in U.S. Natural Gas Production (Charts and tables are updated annually with new

the past four years.			data (Bruce McDowell) even though EA is not updated annually)
CHART: Commercial customers have not seen natural gas prices this low in 40 years.	Updated in Excel Spreadsheet (Needs Conversion from Nominal \$)	13	www.eia.gov
The affordability of natural gas has led to \$76 billion in savings for American businesses since 2009.		13	
Businesses had an average utility bill of \$400 in 2015 – the lowest since AGA began collecting this data in 2003.		13	
Condensing v Non-Condensing furnace. “This could cost consumers up to \$2,550 including parts and installation.”		14	AGA, Natural Gas Furnace Efficiency Rule
Chart: Residential Water Heater Efficiency. (Cost Comparison, Full-Fuel-Cycle Energy Consumption, and CO ₂ Emissions)	Updated - Bruce McDowell	15	AGA Energy Analysis, A Comparison of Energy Use, Operating Costs, and Carbon Dioxide Emissions of Home Appliances . (Charts and tables are updated annually with new data even though EA is not updated annually – Bruce McDowell)
Chart: Residential Natural Gas Use: An Efficiency Success Story	November	17	AGA Gas Facts and U.S. Department of Energy, Energy Information Administration
Commitment to Efficiency	December	18	AGA, Natural Gas Efficiency Programs
“39 states have adopted or considered innovative proposals to expand natural gas infrastructure so that more citizens and businesses can access this abundant fuel source.”	Ashley	21	AGA
The average price for natural gas for all users in New England in 2015 was 27% higher than the national average.		23	EIA
“2.5 million miles of pipelines” “This includes 2.2 million miles of local utility distribution pipelines and 300,000 miles of transmission pipelines that stretch across the country”	August	27, 34, 52, 53	AGA Gas Facts , U.S. Department of Transportation
Map: States with Infrastructure Cost	Ashley	29	AGA

Recovery Mechanisms			
By the end of 2018, AGA members that serve 81% of the natural gas customers in the U.S. will have participated in a peer review.	Andrew	31	https://www.aga.org/member-resources/aga-peer-review-program
In 2016, natural gas accounted for more than 33% of electricity generation in the U.S.		39	EIA
Natural gas emits 52 to 56% less GHG than coal for the same amount of electricity.		39	EPA, Greenhouse Gas Emissions
From the place where it is extracted from the ground, to appliances in your home. Natural gas achieves 92% energy efficiency		41	Gas Technology Institute
Converting natural gas or any other fossil fuel into electricity to power comparable electric end-use products only maintains 32% of usable energy.		41	Gas Technology Institute
CHART: Separate Production of Electricity and Heat Combined Heat and Power Systems	This is correct	43	ICF International
As a transportation fuel, natural gas can reduce greenhouse gas emissions by 20 to 30% when compared with diesel and gasoline.		46	EPA, Greenhouse Gas Emissions
Chart: "U.S Natural Gas Resources (Potential Gas Committee)" (Reserves plus resources)		49	U.S. Department of Energy, Energy Information Administration (EIA) Table 17 ; Potential Gas Committee ;
U.S estimated future supply of natural gas (Reserves plus resources) stood at 3,141 Tcf at year end 2016 ; Production 26.5 Tcf; Consumption 27.5 Tcf; Reserves 324 Tcf; Potential Resources 2,817 Tcf; 3.0 Tcf LNG and Pipeline gas from Canada	Updated	50	U.S. Department of Energy, Energy Information Administration (EIA) Table 17 ; Potential Gas Committee ; U.S. Department of Energy, Energy Information Administration Production (Use the Dry Production Data); U.S. Department of Energy, Energy Information Administration Consumption ; U.S. Department of Energy, Energy Information Administration (Use

			a Net figure for balancing)
<p>Map: Regional Resource Assessment</p> <p>Total U.S. – 2,817 Tcf</p> <p>Alaska – 250.8</p> <p>Pacific – 56.5</p> <p>Rocky Mountain – 489.7</p> <p>Mid-Continent – 377.4</p> <p>North Central – 30.5</p> <p>Gulf Coast – 540.9</p> <p>Atlantic – 1,064.8</p>	<p>Updated (it doesn't sum correctly but those are the numbers that they publish)</p>	51	<p>Potential Gas Committee;</p>
<p>68.4 Million Households, 5.5 million Commercial Customers, 188,000 Factories and Manufacturers, and 1,800 Electric Power Plants</p>	November	52,53	AGA Gas Facts
<p>Frequently used units for measuring gas:</p> <p>1 cubic foot (cf) = 1,036 Btu</p> <p>1,000 cubic feet (1 Mcf) = 1,036,000 Btu (1 MMBtu)</p> <p>1 million (1,000,000) cubic feet (1MMcf) = 1,036,000,000 Btu</p> <p>and footnote should update the year to 2016</p>	Updated	54	U.S. Department of Energy, Energy Information Administration, Monthly Energy Review
<p>There are more than 74 million residential, commercial and industrial natural gas customers in the U.S., of which 94 percent — more than 70 million customers — receive their gas from AGA members.</p> <p>Today, natural gas meets more than one-fourth of the United States' energy needs.</p>	November	BACK COVER	AGA, Gas Facts