

PREPARED FOR **AMERICAN PETROLEUM INSTITUTE**

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Benefits and Opportunities of Natural Gas Use, Transportation, and Production



Maine

Economic Impacts of Natural Gas

There were 7,200 jobs in Maine related to natural gas. These jobs represented 1.2 percent of total state jobs. The top three sectors with the greatest number of jobs were industrial equipment and machinery repair and maintenance, NGL retail, and natural gas distribution. The contribution to the Maine economy in terms of direct, indirect, and induced value added in 2015 was \$793 million, of which \$414 million was related to the end use segment, \$288 million was from the infrastructure segment, and \$93 million was from the production segment.

Natural Gas Consumers

In 2015, Maine consumed 51 Bcf of natural gas in all sectors. There were a total of 43,000 customers. The value of natural gas delivered to consumers was \$311 million.

Maine has 31,000 residential customers who consumed 2.7 Bcf in 2015. Average consumption was 87 Mcf per household. Residential demand was 69 percent for space heating, 22 percent for water heating, 4 percent for cooking, and 5 percent for other uses.

Maine has 12,000 commercial customers who consumed 10 Bcf in 2015. Average consumption per commercial customer was 847 Mcf. Commercial demand was 54 percent for space heating, 7 percent for water heating, 3 percent for cooking, 4 percent for cogeneration, and 32 percent for other uses.

There are 136 industrial customers in Maine who consumed 21 Bcf in 2015. Average consumption per industrial customer was 154 MMcf. The top industries for gas consumption were Paper (NAICS Code 322), Food (311), Chemicals (325), Transportation Equipment (336), and Fabricated Metal Products (332), representing 80 percent of industrial demand.

Maine has 13 power plants consuming natural gas. In 2015, gas consumed was 17 Bcf, representing 25 percent of power generation in the state. Average consumption per customer was 1,342 MMcf.

Natural Gas Infrastructure

Maine has no oil and gas wells or production and all natural gas consumed comes from other states.

Maine has 510 miles of gas pipelines, 144 miles of crude oil pipelines, no NGL pipelines, 125 miles of product pipelines, and no CO2 pipelines. There were 1,070 miles of gas distribution mains and 494 miles of service lines.

Exhibit 7-21: Maine State Factsheet

Maine			Employment (# of Workers)			Labor Income (\$ million)			Value Added (\$ million)		
Summary	Segment	Category	Direct & Indirect	Induced	Total	Direct & Indirect	Induced	Total	Direct & Indirect	Induced	Total
	End-Use	Power Generation	430	749	1,179	33	37	70	92	66	158
		Industrial	279	1,061	1,340	19	52	70	31	94	125
		Residential/ Commercial	312	507	819	22	27	48	68	46	114
		Export	79	116	195	6	6	12	6	10	17
		Transportation	0	0	0	0	0	0	0	0	0
	Infrastructure	Processing	101	213	314	7	10	17	7	19	27
		Pipelines	311	521	832	22	26	48	29	48	77
		Distribution	684	730	1,414	43	35	79	113	66	180
		Wholesalers, Marketers, Other	15	18	34	1	1	2	2	2	4
	Production	Natural Gas/ NGLs	341	712	1,053	27	35	62	29	63	93
All Segments	Grand Total	2,553	4,627	7,179	178	229	407	378	414	793	

Jobs by Top Industries	Rank	NAICS	Industry Sector	Direct and Indirect Jobs
	1	811310	Industrial Equip. & Machinery Repair & Maint.	167
	2	45431NGL	NGL Retail	160
	3	221210	Natural Gas Distribution	157
	4	236210	Industrial Construction	89
	5	237120	Oil & Gas Pipeline Construction	88
	6	221112	Gas-fired Electric Power Generation	78
	7	4841	Freight Truck	29
	8	4247NGL	NGL Wholesale	25
	9	333414	Heating Boilers & Fireplace Manufacturing	23
	10	333415	Air-Conditioning and Warm Air Heating Equipment	12

Customers	Sector	Customer Count	Consumption Volume (MMcf/ year)	Value of Natural Gas Delivered to Customers (\$million)
	Residential Sector	31,011	2,700	\$45
	Commercial Sector	11,888	10,072	\$107
	Industrial Sector	136	20,972	\$82
	Transportation	2	0	\$0
	Power Sector	13	17,447	\$77
All Sectors		43,050	51,191	\$311

Infrastructure	Gas Distribution Main (miles)	Gas Distribution Services (miles)	Gas Gathering (miles)	Gas Pipelines (miles)	Crude Oil Pipelines (miles)	NGL Pipelines (miles)	Oil Product Pipelines (miles)	CO2 Pipelines (miles)
	1,171	494	0	510	144	0	125	0

Production	Product	Annual Production
	Dry Natural Gas (mmcf)	0
	Gas Plant Liquids (barrels)	0
	Lease Condensate (barrels)	0
	Crude Oil (barrels)	0
	Annual Value Counted Toward Natural Gas Value Chain (\$million)	\$0
	Annual Value of All Produced Oil, Gas, NGLs (\$million)	\$0

Wells	Well Type	Operating Wells	New Wells Drilled
	Oil Wells	0	0
	Gas Wells	0	0
	All Wells	0	0

Annual 2015 Data for Maine
Natural Gas Value Chain Basis