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9300 LEE HIGHWAY | FAIRFAX VA

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



Nevada

Economic Impacts of Natural Gas

There were 16,200 jobs in Nevada related to natural gas. These jobs represented 1.3 percent of total state jobs. The top three sectors with the greatest number of jobs were natural gas distribution, industrial equipment and machinery repair and maintenance, and gas fired electric power generation. The contribution to the Nevada economy in terms of direct, indirect, and induced value added in 2015 was \$2.33 billion, of which \$1.41 billion was related to the end use segment, \$0.77 billion was from the infrastructure segment, and \$0.15 billion was from the production segment.

Natural Gas Consumers

In 2015, Nevada consumed 293 Bcf of natural gas in all sectors. There were a total of 867,000 customers. The value of natural gas delivered to consumers was \$1.42 billion.

Nevada has 824,000 residential customers who consumed 37 Bcf in 2015. Average consumption was 45 Mcf per household. Residential demand was 51 percent for space heating, 30 percent for water heating, 8 percent for cooking, and 11 percent for other uses.

Nevada has 43,000 commercial customers who consumed 30 Bcf in 2015. Average consumption per commercial customer was 697 Mcf. Commercial demand was 54 percent for space heating, 17 percent for water heating, 12 percent for cooking, 2 percent for cogeneration, and 15 percent for other uses.

There were 215 industrial customers in Nevada who consumed 18 Bcf in 2015. Average consumption per customer was 82 MMcf. The top industries for gas consumption were Mining (NAICS Code 21), Food (311), Chemicals (325), Primary Metals (331), and Fabricated Metal Products (332), representing 71 percent of industrial demand.

Nevada has 21 power plants consuming natural gas. Gas consumed was 207 Bcf, representing 74 percent of power generation in the state. Average consumption per customer was 9,864 MMcf.

Natural Gas Infrastructure

Nevada has 2,018 miles of gas pipelines, no crude oil pipelines, no NGL pipelines, 276 miles of product pipelines, and no CO2 pipelines. There were 9,905 miles of gas distribution mains and 8,584 miles of service lines.

Natural Gas and Oil Production

In 2015, Nevada produced 3 MMcf of dry natural gas and 0.3 million barrels of crude.

Exhibit 7-30: Nevada State Factsheet

Nevada			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	1,668	2,151	3,819	134	110	244	665	189	854
		Industrial	345	1,818	2,163	22	89	111	45	161	206
		Residential/ Commercial	796	1,082	1,878	51	55	105	218	98	316
		Export	89	195	284	6	10	16	7	17	24
		Transportation	49	36	84	2	2	3	8	3	11
	Infrastructure	Processing	127	358	485	8	18	26	14	33	47
		Pipelines	781	1,063	1,843	47	50	97	70	97	167
		Distribution	2,159	1,693	3,852	155	84	240	388	154	541
		Wholesalers, Marketers, Other	46	41	87	3	2	5	7	4	11
	Production	Natural Gas/ NGLs	465	1,263	1,727	36	63	98	39	113	152
All Segments			Grand Total	6,524	9,699	16,223	465	482	947	1,461	2,329

Jobs by Top Industries	Rank	NAICS	Industry Sector	Direct and Indirect Jobs
	1	221210	Natural Gas Distribution	880
	2	811310	Industrial Equip. & Machinery Repair & Maint.	467
	3	221112	Gas-fired Electric Power Generation	462
	4	237120	Oil & Gas Pipeline Construction	462
	5	236210	Industrial Construction	284
	6	45431NGL	NGL Retail	227
	7	811412	Household Appliance Repair & Maintenance	107
	8	4841	Freight Truck	53
	9	45431CNG	CNG Stations	41
	10	213112	Support Activities for Oil & Gas Operations	34

Customers	Sector	Customer Count	Consumption Volume (MMcf/ year)	Value of Natural Gas Delivered to Customers (\$million)
	Residential Sector	824,039	37,029	\$436
	Commercial Sector	42,860	29,873	\$233
	Industrial Sector	215	17,724	\$74
	Transportation	7	1,089	\$10
	Power Sector	21	207,145	\$663
	All Sectors	867,142	292,860	\$1,416

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)
	9,905	8,584	1	2,018	0	0	276	0

Production	Product	Annual Production
	Dry Natural Gas (mmcf)	3
	Gas Plant Liquids (barrels)	0
	Lease Condensate (barrels)	0
	Crude Oil (barrels)	281,000
	Annual Value Counted Toward Natural Gas Value Chain (\$million)	\$0
	Annual Value of All Produced Oil, Gas, NGLs (\$million)	\$12

Wells	Well Type	Operating Wells	New Wells Drilled
	Oil Wells	102	0
	Gas Wells	1	0
	All Wells	103	0

Annual 2015 Data for Nevada
Natural Gas Value Chain Basis