

Methodology: Quantifying the value of natural gas lost on federal and tribal lands

A report from ICF International entitled [Onshore Petroleum and Natural Gas Operations on Federal and Tribal Lands in the United States](#) found 109,224,673 Mcf of natural gas was wasted from federal and tribal lands in 2013.

By using the average price of natural gas (Henry Hub price [via EIA.gov](#)) for 2013 and each subsequent year and the amount of annual wasted gas found in this report, we calculated the value of natural gas lost from January 1, 2013 – December 31, 2017 on federal and tribal lands. The ticker started at that number and is now increasing by \$10.60 every second.

109,224,673 Mcf in annual waste	Mcf - annual wasted gas assumption					Assuming same Mcf gas wasted per year at specific annual \$/yr	
Year	Gas Price			Converted Price		Wasted Gas Value	
2013	\$3.73	/MMBtu	=	\$3.82	/Mcf	\$417.60	million
2014	\$4.37	/MMBtu	=	\$4.48	/Mcf	\$489.20	million
2015	\$2.62	/MMBtu	=	\$2.69	/Mcf	\$293.30	million
2016	\$2.51	/MMBtu	=	\$2.57	/Mcf	\$281.00	million
2017	\$2.99	/MMBtu	=	\$3.06	/Mcf	\$334.2	million
				Total value of wasted gas 2013- 2017		\$1,815.4	million
Current ticker, using 2017 prices	\$2.99	/MMBtu	=	\$3.06/Mcf	=	\$915,588.72	Per day
					=	\$38,149.53	per hour
					=	\$635.83	per minute
					=	\$10.60	per second