

## FY2016 CONSERVATION CRUDE HELIUM SALE

### Summary

Bidders	Volumes Awarded (Mcf)	Percent Received from Sale	Total Revenues	
Air Products	193,875	31.0%	\$ 20,163,000	Allocated
Praxair, Inc	183,104	29.2%	\$ 19,042,816	Allocated
Linde Gas North America LLC	140,021	22.4%	\$ 14,562,184	Allocated
Keyes Helium Company	21,000	3.4%	\$ 2,184,000	Allocated
Matheson Tri-Gas Inc.	68,000	10.9%	\$ 7,072,000	Non-Allocated
Air Liquide	20,000	3.2%	\$ 2,080,000	Non-Allocated
	<u>626,000</u>		<u>\$ 65,104,000</u>	

Mcf - Thousand square feet

### Award Details

Price per Mcf	\$104.00		
(all volumes in Mcf)			
<b>Total Volume this Sale</b>	<b>626,000</b>	Mcf	Note: 250,000 Mcf sold in advance sale in September 2014 due to the requirements in the Helium Stewardship Act of 2013
(percent to allocated sale)	86%		
(percent to Non-allocated sale)	14%		
Total Sales	626,000	Mcf	
Amount not sold	0	Mcf	

<b>Allocated Sale</b>		Installed Refining Capacity <sup>(1)</sup>	Volume Offers	Round 1	Excess Volume Requested	Proportion Percentage for Round 2	Round 2	Excess Volume Requested	Total Allocated
<b>Refiners on Pipeline</b>									
Keyes Helium Company	1	4.0%	21,000	21,000	-			-	21,000.0
Linde Gas North America LLC	1	26.0%	160,000	139,880	20,120	27.1%	141.0	19,979.0	140,021.0
Praxair, Inc	1	34.0%	275,000	182,920	92,080	35.4%	184.0	91,896.0	183,104.0
Air Products	1	36.0%	215,000	193,680	21,320	37.5%	195.0	21,125.0	193,875.0
<b>Total</b>	<b>4</b>	<b>100.0%</b>	<b>671,000</b>	<b>537,480</b>	<b>133,520</b>	<b>100.0%</b>	<b>520.0</b>	<b>133,000.0</b>	<b>538,000.0</b>

**Total Allocated Sale Volume: 538,000 Mcf 520.0 -**

<b>Non-Allocated Sale</b>		Proportion Percentage for Round 1	Volume Offers	Round 1	Excess Volume Requested	Proportion Percentage for Round 2	Round 2	Excess Volume Requested	Total Allocated
<b>Non-Refiners on Pipeline</b>									
Keyes Helium Company	0								
Linde Gas North America LLC	0								
Praxair, Inc	0								
Air Products	0								
Air Liquide	1	50.0%	20,000	20,000	-	0.0%	-	-	20,000
Matheson Tri-Gas Inc.	1	50.0%	80,000	20,000	60,000	100.0%	48,000	12,000	68,000
Airgas Merchant Gases	0	0.0%	-	-	-	0.0%	-	-	-
Global Gases America	0	0.0%	-	-	-	0.0%	-	-	-
IACX Energy	0	0.0%	-	-	-	0.0%	-	-	-
LINN Operating Inc	0	0.0%	-	-	-	0.0%	-	-	-
<b>Number of Bidders</b>	<b>2</b>	<b>100.0%</b>	<b>100,000</b>	<b>40,000</b>	<b>60,000</b>		<b>48,000</b>	<b>12,000</b>	<b>88,000</b>

**Non Allocated Volume: 88,000 Mcf**

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The volume of helium from the Federal Helium Reserve available for the allocated sale under the preceding paragraph will be

(1) apportioned to each refiner based on the refiner's percentage share (rounded to the nearest 1/10th of 1 percent) of the total refining capacity connected to the BLM crude helium pipeline as of October 1, 2015.

(2) Per IFO, Refiners on the Federal Crude Helium Pipeline System in the Allocated Sales will only be awarded helium in the Non-Allocated Sales category if there remain unallocated volumes not awarded to non-refiners.