

Certification Statement:

The designated representative or alternate designated representative must sign (i.e., agree to) this certification statement. If you are an agent and you click on "SUBMIT", you are not agreeing to the certification statement, but are submitting the certification statement on behalf of the designated representative or alternate designated representative who is agreeing to the certification statement. An agent is only authorized to make the electronic submission on behalf of the designated representative, not to sign (i.e., agree to) the certification statement.

Facility Name: San Diego Gas and Electric -Moreno Station

Facility Identifier: 542118

Facility Reporting Year: 2012

Facility Location:

Address: 14601 Virginia Street

City: Moreno Valley

State: CA

Postal Code: 92555

Facility Site Details:

CO2 Equivalent (excluding biogenic, mtons, Subparts C-II and RR-UU): 36798

CO2 Equivalent (mtons, Subparts LL-QQ): 0

Biogenic CO2 (mtons, Subparts C-II and RR-UU): 0

Cogeneration Unit Emissions Indicator: NA

GHG Report Start Date: 2012-01-01

GHG Report End Date: 2012-12-31

Description of Changes to Calculation Methodology:

Part 75 Biogenic Emissions Indication:

Primary NAICS Code: 486210

Second Primary NAICS Code:

Parent Company Details:

Parent Company Name: SEMPRA ENERGY INC

Address: 101 Ash Street, San Diego, CA 92101

Percent Ownership Interest: 100

Subpart C: General Stationary Fuel Combustion

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.65 (Metric Tons)	
Nitrous Oxide		0.065 (Metric Tons)	
Carbon Dioxide		34589 (Metric Tons)	

Unit Details:

Unit Name : clark comp #1

Unit Type : RICE (Reciprocating internal combustion engine)

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 995 (hp)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO2 Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO2 Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2012-01-01

Tier Methodology End Date : 2012-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
2321.7 (Metric Tons)	0.04 (Metric Tons)	0.004 (Metric Tons)	0.9 (Metric Tons)	1.4 (Metric Tons)

Unit Name : clark comp #2

Unit Type : RICE (Reciprocating internal combustion engine)

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 995 (hp)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO2 Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO2 Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2012-01-01

Tier Methodology End Date : 2012-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
2160.8 (Metric Tons)	0.04 (Metric Tons)	0.004 (Metric Tons)	0.9 (Metric Tons)	1.3 (Metric Tons)

Unit Name : clark comp #3

Unit Type : RICE (Reciprocating internal combustion engine)

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 995 (hp)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO2 Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO2 Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2012-01-01

Tier Methodology End Date : 2012-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
2227.7 (Metric Tons)	0.04 (Metric Tons)	0.004 (Metric Tons)	0.9 (Metric Tons)	1.3 (Metric Tons)

Unit Name : solar turbine #4

Unit Type : SCCT (CT (Turbine, simple cycle combustion))

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 13.11 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO2 Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO2 Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2012-01-01

Tier Methodology End Date : 2012-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
4318.8 (Metric Tons)	0.08 (Metric Tons)	0.008 (Metric Tons)	1.7 (Metric Tons)	2.5 (Metric Tons)

Unit Name : solar turbine #5

Unit Type : SCCT (CT (Turbine, simple cycle combustion))

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 13.11 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO2 Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO2 Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2012-01-01

Tier Methodology End Date : 2012-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
3941.2 (Metric Tons)	0.07 (Metric Tons)	0.007 (Metric Tons)	1.6 (Metric Tons)	2.3 (Metric Tons)

Unit Name : solar turbine #6
Unit Type : SCCT (CT (Turbine, simple cycle combustion))
Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 13.11 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2012-01-01

Tier Methodology End Date : 2012-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO ₂ emissions	Total CH ₄ emissions	Total N ₂ O emissions	Total CH ₄ emissions CO ₂ e	Total N ₂ O emissions CO ₂ e
3861.3 (Metric Tons)	0.07 (Metric Tons)	0.007 (Metric Tons)	1.5 (Metric Tons)	2.3 (Metric Tons)

Unit Name : solar turbine #7
Unit Type : SCCT (CT (Turbine, simple cycle combustion))
Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 13.11 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2012-01-01

Tier Methodology End Date : 2012-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO ₂ emissions	Total CH ₄ emissions	Total N ₂ O emissions	Total CH ₄ emissions CO ₂ e	Total N ₂ O emissions CO ₂ e
3991.5 (Metric Tons)	0.08 (Metric Tons)	0.008 (Metric Tons)	1.6 (Metric Tons)	2.3 (Metric Tons)

Unit Name : cooper comp #8
Unit Type : RICE (Reciprocating internal combustion engine)
Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 3000 (hp)

Emission Details:**Annual CO₂ mass emissions from sorbent:** 0.0 (Metric Tons)**Annual Biogenic CO₂ Emissions:** 0.0 (metric tons)**Annual Fossil fuel based CO₂ Emissions:** (metric tons)**Tier Fuel Details:****Fuel :** Natural Gas (Weighted U.S. Average)**Tier Name :** Tier 2 (Equation C-2a)**Tier Methodology Start Date :** 2012-01-01**Tier Methodology End Date :** 2012-12-31**Frequency of HHV determinations :** Monthly**Tier 2 Monthly HHV Details :**

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO ₂ emissions	Total CH ₄ emissions	Total N ₂ O emissions	Total CH ₄ emissions CO ₂ e	Total N ₂ O emissions CO ₂ e
3113.7 (Metric Tons)	0.06 (Metric Tons)	0.006 (Metric Tons)	1.2 (Metric Tons)	1.8 (Metric Tons)

Unit Name : cooper comp #9**Unit Type :** RICE (Reciprocating internal combustion engine)**Unit Description :****Individual Unit Details:****Maximum Rated Heat Input Capacity:** 3000 (hp)**Emission Details:****Annual CO₂ mass emissions from sorbent:** 0.0 (Metric Tons)**Annual Biogenic CO₂ Emissions:** 0.0 (metric tons)**Annual Fossil fuel based CO₂ Emissions:** (metric tons)**Tier Fuel Details:****Fuel :** Natural Gas (Weighted U.S. Average)**Tier Name :** Tier 2 (Equation C-2a)**Tier Methodology Start Date :** 2012-01-01**Tier Methodology End Date :** 2012-12-31**Frequency of HHV determinations :** Monthly**Tier 2 Monthly HHV Details :**

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO ₂ emissions	Total CH ₄ emissions	Total N ₂ O emissions	Total CH ₄ emissions CO ₂ e	Total N ₂ O emissions CO ₂ e
3557.3 (Metric Tons)	0.07 (Metric Tons)	0.007 (Metric Tons)	1.4 (Metric Tons)	2.1 (Metric Tons)

Unit Name : cooper comp #10**Unit Type :** RICE (Reciprocating internal combustion engine)**Unit Description :****Individual Unit Details:****Maximum Rated Heat Input Capacity:** 3200 (hp)**Emission Details:****Annual CO₂ mass emissions from sorbent:** 0.0 (Metric Tons)**Annual Biogenic CO₂ Emissions:** 0.0 (metric tons)**Annual Fossil fuel based CO₂ Emissions:** (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)
Tier Name : Tier 2 (Equation C-2a)
Tier Methodology Start Date : 2012-01-01
Tier Methodology End Date : 2012-12-31
Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
5095.0 (Metric Tons)	0.10 (Metric Tons)	0.010 (Metric Tons)	2.0 (Metric Tons)	3.0 (Metric Tons)

Subpart W: Petroleum and Natural Gas Systems

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Methane		103.44 (Metric Tons)	
Nitrous Oxide		0 (Metric Tons)	
Carbon Dioxide		3 (Metric Tons)	

SubpartWSummaryDetails:

Industry Segment Number	4
Industry Segment Name	Onshore natural gas transmission compression [98.230(a)(4)]
Annual throughput [98.236(d)] Gaseous Throughput (MMscf)	159820
Annual throughput [98.236(d)] Liquid Throughput (thousand barrels)	0
Total Reported CO2 Emissions (mt CO2)	3.0
Total Reported CH4 Emissions (mt CO2e)	2172.2
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	2175.2

SubpartWSourceReportingFormRowDetails:

Source Reporting Form	Sub-Basin Selection
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	N/A
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	N/A
Source Reporting Form	Natural Gas Pneumatic Devices [98.236(c)(1)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Natural Gas Driven Pneumatic Pumps [98.236(c)(2)]
Required for Selected Industry Segment	No

Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Acid Gas Removal Units [98.236(c)(3)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Dehydrators [98.236(c)(4)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Well Venting for Liquids Unloading [98.236(c)(5)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Gas Well Completions and Workovers [98.236(c)(6)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Blowdown Vent Stacks [98.236(c)(7)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.6
Total Reported CH4 Emissions (mt CO2e)	437.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	437.6
Source Reporting Form	Gas from Produced Oil Sent to Atmospheric Tanks [98.236(c)(8)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Transmission Tanks [98.236(c)(9)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Well Testing Venting and Flaring [98.236(c)(10)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0

Source Reporting Form	Associated Gas Venting and Flaring [98.236(c)(11)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Flare Stacks [98.236(c)(12)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Centrifugal Compressors [98.236(c)(13)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	30.1
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	30.2
Source Reporting Form	Reciprocating Compressors [98.236(c)(14)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	1.8
Total Reported CH4 Emissions (mt CO2e)	1285.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	1286.7
Source Reporting Form	Other Emissions from Equipment Leaks Estimated Using Emission Factors [98.236(c)(15)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.6
Total Reported CH4 Emissions (mt CO2e)	420.1
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	420.7
Source Reporting Form	Local Distribution Companies [98.236(c)(16)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Enhanced Oil Recovery Injection Pump Blowdown [98.236(c)(17)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Enhanced Oil Recovery Hydrocarbon Liquids Dissolved CO2 [98.236(c)(18)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Onshore Petroleum and Natural Gas Production and Natural Gas Distribution Combustion Emissions [98.236(c)(19)]

Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Offshore Sources [98.236(b)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0

PneumaticDeviceVentingDetails:

mt CO2	0.0
mt CH4 (mt CO2e)	0.0
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	0.0
Does the Facility have any continuous high-bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any intermittent bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any continuous low-bleed pneumatic devices subject to reporting under 98.232?	No
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of each BMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No

PneumaticDeviceTypesRowDetails:

Type of Pneumatic Device	High-bleed Pneumatic Devices
Total CO2 Emissions (mt CO2) [98.236(c)(1)(iv)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Type of Pneumatic Device	Intermittent Bleed Pneumatic Devices
Total CO2 Emissions (mt CO2) [98.236(c)(1)(iv)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Type of Pneumatic Device	Low-Bleed Pneumatic Devices
Total CO2 Emissions (mt CO2) [98.236(c)(1)(iv)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	

BlowdownVentStacksDetails:

mt CO2	0.6
mt CH4 (mt CO2e)	437.0
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	437.6
Does the facility have any blowdown vent stacks?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	Yes
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	device count, Ta,p and Pa,b,p for the entire year
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total number of blowdowns [98.236(c)(7)(ii)(A)]	
Total CO2 Emissions (mt CO2) [98.236(c)(7)(ii)(B)]	

Total CH4 Emissions (mt CO2e) [98.236(c)(7)(ii)(B)]	
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BlowdownVentStacksForEachUniquePhysicalVolumeRowDetails:

Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #1
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	13
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.06
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	42.98
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #2
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	15
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.07
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	49.91
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #3
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	12
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.06
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	40.14
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #8
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	15
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.17
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	121.43
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #9
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	10
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.11
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	79.24
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #10
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	5
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.14
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	103.31

TransmissionTanksDetails:

mt CO2	0.0
mt CH4 (mt CO2e)	0.0
mt N2O (mt CO2e)	0.0
Total Emissions (mt CO2e)	0.0

Did the facility have any vent stack emissions from compressor scrubber dump valve leakage that were quantified per 98.233(k)?	No
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	

CentrifugalCompressorsDetails:

mt CO2	0.0
mt CH4 (mt CO2e)	30.1
mt N2O (mt CO2e)	0.0
Total Emissions (mt CO2e)	30.2
Does the facility have any centrifugal compressors with wet or dry seals subject to reporting under 98.232?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	Yes
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	measured gas emissions, compressor mode hours, 0.95 CH4 and 0.01 CO2 for GHG and M mole fractions for entire year
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total annual compressor emissions CO2 Emissions (mt CO2) [98.236(c)(13)(v)(B)]	
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(13)(v)(B)]	

CentrifugalCompressorsModesRowDetails:

Compressor ID	Solar #1
Were BMM Used for This Compressor?	Yes
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	15982
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	12.1
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	0.0
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2)	

[98.236(c)(13)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	12.1
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Solar #2
Were BMM Used for This Compressor?	Yes
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	15982
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	2.0
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	0.0
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0

Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	2.0
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Solar #3
Were BMM Used for This Compressor?	Yes
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	15982
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	5.2
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	2.4
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	7.6
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0

Compressor ID	Solar #4
Were BMM Used for This Compressor?	Yes
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	15982
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	1.6
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	6.9
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	8.5
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0

ReciprocatingCompressorsDetails:

mt CO2	1.8
mt CH4 (mt CO2e)	1285.0
mt N2O (mt CO2e)	0.0
Total Emissions (mt CO2e)	1286.7
Does the facility have any reciprocating compressors subject to reporting under 98.232?	Yes
Were BMM used for any parameters to calculate GHG emissions?	Yes

[98.3(c)(7)]	
Provide a brief description of the BAMM used, parameter measured, and time period. [98.3(c)(7)]	measured gas emissions, compressor mode hours, 0.95 CH4 and 0.01 CO2 for GHG and M mole fractions for entire year
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total annual compressor emissions CO2 Emissions (mt CO2) [98.236(c)(14)(v)(B)]	
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(14)(v)(B)]	

ReciprocatingCompressorsModesRowDetails:

Compressor ID	Clark #1
Were BAMM Used for This Compressor?	Yes
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	15982
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.3
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	230.6
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	1.6
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.3

Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	232.2
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Clark #2
Were BMM Used for This Compressor?	Yes
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	15982
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.3
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	218.5
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	3.1
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.3
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	221.6
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Clark #3
Were BMM Used for This Compressor?	Yes
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	15982
Were blowdown vents manifolded to rod packing vents for this	

compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.3
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	226.1
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	0.9
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.3
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	227.0
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Cooper #1
Were BMM Used for This Compressor?	Yes
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	15982
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.2
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	150.2

Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.2
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	150.2
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Cooper #2
Were BMM Used for This Compressor?	Yes
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	15982
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	13.9
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby	

pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	1.1
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	15.0
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Cooper #3
Were BMM Used for This Compressor?	Yes
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	15982
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.6
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	438.0
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	

Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	0.9
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	0
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	0
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.6
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	438.9
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0

OtherEmissionsFromEquipmentLeaksDetails:

mt CO2	0.6
mt CH4 (mt CO2e)	420.1
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	420.7
Does the facility have any equipment leaks subject to reporting under 98.232?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	Yes
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	component counts, 0.95% CH4 and 0.01% CO2 for entire year
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No

EstimatingEmissionsFoundInLeakSurveyRowDetails:

Component Type (Select from list) [98.236(c)(15)]	Non-compressor Components, Gas Service - Valve
Date of first complete survey [98.236(c)(15)(i)(A)]	2012-12-03
Total count of leaks found in the first survey [98.236(c)(15)(i)(A)]	15
Date of second complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the second survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of third complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the third survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of fourth complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the fourth survey (if applicable) [98.236(c)(15)(i)(A)]	
Minimum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Minimum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	

(15)(i)(B)]	
CO2 Emissions (mt CO2) [98.236(c)(15)(i)(C)]	0.4
CH4 Emissions (mt CO2e) [98.236(c)(15)(i)(C)]	324.0
Component Type (Select from list) [98.236(c)(15)]	Non-compressor Components, Gas Service - Connector
Date of first complete survey [98.236(c)(15)(i)(A)]	2012-12-03
Total count of leaks found in the first survey [98.236(c)(15)(i)(A)]	5
Date of second complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the second survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of third complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the third survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of fourth complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the fourth survey (if applicable) [98.236(c)(15)(i)(A)]	
Minimum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Minimum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
CO2 Emissions (mt CO2) [98.236(c)(15)(i)(C)]	0.1
CH4 Emissions (mt CO2e) [98.236(c)(15)(i)(C)]	96.1

Certification Statement:

The designated representative or alternate designated representative must sign (i.e., agree to) this certification statement. If you are an agent and you click on "SUBMIT", you are not agreeing to the certification statement, but are submitting the certification statement on behalf of the designated representative or alternate designated representative who is agreeing to the certification statement. An agent is only authorized to make the electronic submission on behalf of the designated representative, not to sign (i.e., agree to) the certification statement.

Facility Name: San Diego Gas and Electric -Moreno Station

Facility Identifier: 542118

Facility Reporting Year: 2013

Facility Location:

Address: 14601 Virginia Street

City: Moreno Valley

State: CA

Postal Code: 92555

Facility Site Details:

CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons): 29479.4

CO2 equivalent emissions from supplier subparts LL-QQ (metric tons): 0

Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons): 0

Cogeneration Unit Emissions Indicator: N

GHG Report Start Date: 2013-01-01

GHG Report End Date: 2013-12-31

Description of Changes to Calculation Methodology:

Part 75 Biogenic Emissions Indication:

Plant Code Indicator: N

Primary NAICS Code: 486210

Second Primary NAICS Code:

Parent Company Details:

Parent Company Name: SEMPRA ENERGY INC

Address: 101 Ash Street, San Diego, CA 92101

Percent Ownership Interest: 100

Subpart C: General Stationary Fuel Combustion

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.51 (Metric Tons)	
Nitrous Oxide		0.051 (Metric Tons)	
Carbon Dioxide		27369.3 (Metric Tons)	

Unit Details:

Unit Name : clark comp #1

Unit Type : RICE (Reciprocating internal combustion engine)

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 7.7 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2013-01-01

Tier Methodology End Date : 2013-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
1697.2 (Metric Tons)	0.03 (Metric Tons)	0.003 (Metric Tons)	0.8 (Metric Tons)	1.0 (Metric Tons)

Unit Name : clark comp #2

Unit Type : RICE (Reciprocating internal combustion engine)

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 7.7 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2013-01-01

Tier Methodology End Date : 2013-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
1587.8 (Metric Tons)	0.03 (Metric Tons)	0.003 (Metric Tons)	0.8 (Metric Tons)	0.9 (Metric Tons)

Unit Name : clark comp #3

Unit Type : RICE (Reciprocating internal combustion engine)

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 7.7 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2013-01-01

Tier Methodology End Date : 2013-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e

1490.9 (Metric Tons)	0.03 (Metric Tons)	0.003 (Metric Tons)	0.7 (Metric Tons)	0.8 (Metric Tons)
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Unit Name : solar turbine #4

Unit Type : SCCT (CT (Turbine, simple cycle combustion))

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 13.11 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2013-01-01

Tier Methodology End Date : 2013-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO ₂ emissions	Total CH ₄ emissions	Total N ₂ O emissions	Total CH ₄ emissions CO ₂ e	Total N ₂ O emissions CO ₂ e
2503.8 (Metric Tons)	0.05 (Metric Tons)	0.005 (Metric Tons)	1.2 (Metric Tons)	1.4 (Metric Tons)

Unit Name : solar turbine #5

Unit Type : SCCT (CT (Turbine, simple cycle combustion))

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 13.11 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2013-01-01

Tier Methodology End Date : 2013-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO ₂ emissions	Total CH ₄ emissions	Total N ₂ O emissions	Total CH ₄ emissions CO ₂ e	Total N ₂ O emissions CO ₂ e
2690.3 (Metric Tons)	0.05 (Metric Tons)	0.005 (Metric Tons)	1.3 (Metric Tons)	1.5 (Metric Tons)

Unit Name : solar turbine #6

Unit Type : SCCT (CT (Turbine, simple cycle combustion))

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 13.11 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)
Annual Biogenic CO₂ Emissions: 0.0 (metric tons)
Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)
Tier Name : Tier 2 (Equation C-2a)
Tier Methodology Start Date : 2013-01-01
Tier Methodology End Date : 2013-12-31
Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO ₂ emissions	Total CH ₄ emissions	Total N ₂ O emissions	Total CH ₄ emissions CO ₂ e	Total N ₂ O emissions CO ₂ e
2583.1 (Metric Tons)	0.05 (Metric Tons)	0.005 (Metric Tons)	1.2 (Metric Tons)	1.5 (Metric Tons)

Unit Name : cooper comp #8

Unit Type : RICE (Reciprocating internal combustion engine)

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 23 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)
Annual Biogenic CO₂ Emissions: 0.0 (metric tons)
Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)
Tier Name : Tier 2 (Equation C-2a)
Tier Methodology Start Date : 2013-01-01
Tier Methodology End Date : 2013-12-31
Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO ₂ emissions	Total CH ₄ emissions	Total N ₂ O emissions	Total CH ₄ emissions CO ₂ e	Total N ₂ O emissions CO ₂ e
2176.2 (Metric Tons)	0.04 (Metric Tons)	0.004 (Metric Tons)	1.0 (Metric Tons)	1.2 (Metric Tons)

Unit Name : cooper comp #9

Unit Type : RICE (Reciprocating internal combustion engine)

Unit Description :

Individual Unit Details:

Maximum Rated Heat Input Capacity: 23 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)
Annual Biogenic CO₂ Emissions: 0.0 (metric tons)
Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)
Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2013-01-01
Tier Methodology End Date : 2013-12-31
Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
2263.4 (Metric Tons)	0.04 (Metric Tons)	0.004 (Metric Tons)	1.1 (Metric Tons)	1.3 (Metric Tons)

Unit Name : cooper comp #10
Unit Type : RICE (Reciprocating internal combustion engine)
Unit Description :
Individual Unit Details:
Maximum Rated Heat Input Capacity: 24.6 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)
Annual Biogenic CO₂ Emissions: 0.0 (metric tons)
Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)
Tier Name : Tier 2 (Equation C-2a)
Tier Methodology Start Date : 2013-01-01
Tier Methodology End Date : 2013-12-31
Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
7542.7 (Metric Tons)	0.14 (Metric Tons)	0.014 (Metric Tons)	3.6 (Metric Tons)	4.2 (Metric Tons)

Unit Name : solar turbine #7
Unit Type : SCCT (CT (Turbine, simple cycle combustion))
Unit Description :
Individual Unit Details:
Maximum Rated Heat Input Capacity: 13.11 (mmBtu/hr)

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)
Annual Biogenic CO₂ Emissions: 0.0 (metric tons)
Annual Fossil fuel based CO₂ Emissions: (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)
Tier Name : Tier 2 (Equation C-2a)
Tier Methodology Start Date : 2013-01-01
Tier Methodology End Date : 2013-12-31
Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
2818.3 (Metric Tons)	0.05 (Metric Tons)	0.005 (Metric Tons)	1.3 (Metric Tons)	1.6 (Metric Tons)

Unit Name : GP-1 Heaters and Furnaces

Unit Type : OCS (Other combustion source)

Unit Description : building use

Other Unit Name :

Small Unit Aggregation Details:

Highest Maximum Rated Heat Input Capacity: 0.2

Emission Details:

Annual CO₂ mass emissions from sorbent: 0.0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0.0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: 15.6 (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2013-01-01

Tier Methodology End Date : 2013-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
15.6 (Metric Tons)	0.00 (Metric Tons)	0.000 (Metric Tons)	0.0 (Metric Tons)	0.0 (Metric Tons)

Subpart W: Petroleum and Natural Gas Systems

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Methane		83.19 (Metric Tons)	
Nitrous Oxide		0 (Metric Tons)	
Carbon Dioxide		2.4 (Metric Tons)	

SubpartWSummaryDetails:

Industry Segment Number	4
Industry Segment Name	Onshore natural gas transmission compression [98.230(a)(4)]
Annual throughput [98.236(d)] Gaseous Throughput (MMscf)	149903
Annual throughput [98.236(d)] Liquid Throughput (thousand barrels)	0
Total Reported CO2 Emissions (mt CO2)	2.4
Total Reported CH4 Emissions (mt CO2e)	2079.7
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	2082.1

SubpartWSourceReportingFormRowDetails:

Source Reporting Form	Sub-Basin Selection
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Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	N/A
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	N/A
Source Reporting Form	Natural Gas Pneumatic Devices [98.236(c)(1)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Natural Gas Driven Pneumatic Pumps [98.236(c)(2)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Acid Gas Removal Units [98.236(c)(3)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Dehydrators [98.236(c)(4)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Well Venting for Liquids Unloading [98.236(c)(5)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Gas Well Completions and Workovers [98.236(c)(6)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Blowdown Vent Stacks [98.236(c)(7)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	1.4
Total Reported CH4 Emissions (mt CO2e)	1176.7
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	1178.1
Source Reporting Form	Gas from Produced Oil Sent to Atmospheric Tanks [98.236(c)(8)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0

Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Transmission Tanks [98.236(c)(9)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Well Testing Venting and Flaring [98.236(c)(10)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Associated Gas Venting and Flaring [98.236(c)(11)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Flare Stacks [98.236(c)(12)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Centrifugal Compressors [98.236(c)(13)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	8.7
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	8.7
Source Reporting Form	Reciprocating Compressors [98.236(c)(14)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.4
Total Reported CH4 Emissions (mt CO2e)	332.7
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	333.1
Source Reporting Form	Other Emissions from Equipment Leaks Estimated Using Emission Factors [98.236(c)(15)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.7
Total Reported CH4 Emissions (mt CO2e)	561.6
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	562.3
Source Reporting Form	Local Distribution Companies [98.236(c)(16)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Enhanced Oil Recovery Injection Pump Blowdown [98.236(c)(17)]
Required for Selected Industry Segment	No

Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Enhanced Oil Recovery Hydrocarbon Liquids Dissolved CO2 [98.236(c)(18)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Onshore Petroleum and Natural Gas Production and Natural Gas Distribution Combustion Emissions [98.236(c)(19)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Offshore Sources [98.236(b)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0

PneumaticDeviceVentingDetails:

mt CO2	0.0
mt CH4 (mt CO2e)	0.0
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	0.0
Does the Facility have any continuous high-bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any intermittent bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any continuous low-bleed pneumatic devices subject to reporting under 98.232?	No
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of each BMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No

PneumaticDeviceTypesRowDetails:

Type of Pneumatic Device	High-bleed Pneumatic Devices
Total CO2 Emissions (mt CO2) [98.236(c)(1)(iv)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Type of Pneumatic Device	Intermittent Bleed Pneumatic Devices
Total CO2 Emissions (mt CO2) [98.236(c)(1)(iv)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Type of Pneumatic Device	Low-Bleed Pneumatic Devices
Total CO2 Emissions (mt CO2) [98.236(c)(1)(iv)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	

BlowdownVentStacksDetails:

mt CO2	1.4
mt CH4 (mt CO2e)	1176.7
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	1178.1
Does the facility have any blowdown vent stacks?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	Yes
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	Estimate of total physical volume (V) for entire year
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total number of blowdowns [98.236(c)(7)(ii)(A)]	
Total CO2 Emissions (mt CO2) [98.236(c)(7)(ii)(B)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(ii)(B)]	

BlowdownVentStacksForEachUniquePhysicalVolumeRowDetails:

Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #1
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	7
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.03
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	28.9
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #2
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	6
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.03
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	23.71
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #3
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	9
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.04
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	36.13
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #8
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	12
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.14
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	118.24
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #9
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	15
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.17
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	145.44
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #10
	W-14B

Which equation was used to calculate natural gas venting emissions? (Select from list)	
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	7
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.2
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	173.45
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	station ESD
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	2
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.75
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	650.83

TransmissionTanksDetails:

mt CO2	0.0
mt CH4 (mt CO2e)	0.0
mt N2O (mt CO2e)	0.0
Total Emissions (mt CO2e)	0.0
Did the facility have any vent stack emissions from compressor scrubber dump valve leakage that were quantified per 98.233 (k)?	No
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No

CentrifugalCompressorsDetails:

mt CO2	0.0
mt CH4 (mt CO2e)	8.7
mt N2O (mt CO2e)	0.0
Total Emissions (mt CO2e)	8.7
Does the facility have any centrifugal compressors with wet or dry seals subject to reporting under 98.232?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total annual compressor emissions CO2 Emissions (mt CO2) [98.236(c)(13)(v)(B)]	
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(13)(v)(B)]	

CentrifugalCompressorsModesRowDetails:

Compressor ID	Solar #4
Were BMM Used for This Compressor?	No
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	14990
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
	Temporary

Type of meter used for making measurements [98.236(c)(13)(i)(D)]	
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	0.0
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	2.1
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	2.1
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Solar #5
Were Bamm Used for This Compressor?	No
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	14990
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	0.0
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	

Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	1.4
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	1.4
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Solar #6
Were BMM Used for This Compressor?	No
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	14990
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	0.7
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	3.8
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
	0.0

Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	4.5
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Solar #7
Were BMM Used for This Compressor?	No
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	14990
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	0.0
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	0.7
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	

Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.7
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0

ReciprocatingCompressorsDetails:

mt CO2	0.4
mt CH4 (mt CO2e)	332.7
mt N2O (mt CO2e)	0.0
Total Emissions (mt CO2e)	333.1
Does the facility have any reciprocating compressors subject to reporting under 98.232?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total annual compressor emissions CO2 Emissions (mt CO2) [98.236(c)(14)(v)(B)]	
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(14)(v)(B)]	

ReciprocatingCompressorsModesRowDetails:

Compressor ID	Clark #1
Were BMM Used for This Compressor?	Yes
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	14990
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	0.0
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	

Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	7.4
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	7.4
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Clark #2
Were Bamm Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	14990
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	0.0
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	7.9

Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	7.9
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Clark #3
Were Bamm Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	14990
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	0.0
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	7.9
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
	7.9

Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Cooper #8
Were Bamm Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	14990
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	0.0
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	8.1
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	8.1
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Cooper #9
Were Bamm Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	14990
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No

Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	0.0
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	8.3
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	8.3
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0
Compressor ID	Cooper #10
Were Bamm Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	14990
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.3
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	291.6
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	
Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0

Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	1.5
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.3
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	293.1
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)]	0.0

OtherEmissionsFromEquipmentLeaksDetails:

mt CO2	0.7
mt CH4 (mt CO2e)	561.6
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	562.3
Does the facility have any equipment leaks subject to reporting under 98.232?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No

EstimatingEmissionsFoundInLeakSurveyRowDetails:

Component Type (Select from list) [98.236(c)(15)]	Non-compressor Components, Gas Service - Valve
Date of first complete survey [98.236(c)(15)(i)(A)]	2013-11-05
Total count of leaks found in the first survey [98.236(c)(15)(i)(A)]	16
Date of second complete survey (if applicable) [98.236(c)(15)(i)(A)]	

Total count of leaks found in the second survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of third complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the third survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of fourth complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the fourth survey (if applicable) [98.236(c)(15)(i)(A)]	
Minimum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Minimum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
CO2 Emissions (mt CO2) [98.236(c)(15)(i)(C)]	0.5
CH4 Emissions (mt CO2e) [98.236(c)(15)(i)(C)]	421.1
Component Type (Select from list) [98.236(c)(15)]	Non-compressor Components, Gas Service - Connector
Date of first complete survey [98.236(c)(15)(i)(A)]	2013-11-05
Total count of leaks found in the first survey [98.236(c)(15)(i)(A)]	6
Date of second complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the second survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of third complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the third survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of fourth complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the fourth survey (if applicable) [98.236(c)(15)(i)(A)]	
Minimum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Minimum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
CO2 Emissions (mt CO2) [98.236(c)(15)(i)(C)]	0.2
CH4 Emissions (mt CO2e) [98.236(c)(15)(i)(C)]	140.5

Certification Statement:

The designated representative or alternate designated representative must sign (i.e., agree to) this certification statement. If you are an agent and you click on "SUBMIT", you are not agreeing to the certification statement, but are submitting the certification statement on behalf of the designated representative or alternate designated representative who is agreeing to the certification statement. An agent is only authorized to make the electronic submission on behalf of the designated representative, not to sign (i.e., agree to) the certification statement.

Facility Name: San Diego Gas and Electric -Moreno Station

Facility Identifier: 542118

Facility Reporting Year: 2014

Facility Location:

Address: 14601 Virginia Street

City: Moreno Valley

State: CA

Postal Code: 92555

Facility Site Details:

CO2 equivalent emissions from facility subparts C-II, SS, and TT (metric tons): 15800.3

CO2 equivalent emissions from supplier subparts LL-QQ (metric tons): 0

Biogenic CO2 emissions from facility subparts C-II, SS, and TT (metric tons): 0

Cogeneration Unit Emissions Indicator: N

GHG Report Start Date: 2014-01-01

GHG Report End Date: 2014-12-31

Description of Changes to Calculation Methodology:

Did you use BMM in this reporting year as a result of becoming newly subject to a Part 98 subpart due to amendments to global warming potentials (Table A-1 of Part 98) finalized on November 29, 2013? N

Part 75 Biogenic Emissions Indication:

Plant Code Indicator: N

Primary NAICS Code: 486210

Second Primary NAICS Code:

Parent Company Details:

Parent Company Name: SEMPRA ENERGY INC

Address: 101 Ash Street, San Diego, CA 92101

Percent Ownership Interest: 100

Subpart C: General Stationary Fuel Combustion

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?
Biogenic Carbon dioxide		0 (Metric Tons)	
Methane		0.25 (Metric Tons)	
Nitrous Oxide		0.025 (Metric Tons)	
Carbon Dioxide		13474.9 (Metric Tons)	

Unit Details:

Unit Name : GP-1

Unit Type : OCS (Other combustion source)

Unit Description : 3 Clark and 3 Cooper engines driving reciprocating compressors

Other Unit Name :

Small Unit Aggregation Details:

Use Ivt Indicator: N

Highest Maximum Rated Heat Input Capacity: 23

Emission Details:

Annual CO₂ mass emissions from sorbent: 0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: 7937.6 (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)
Tier Name : Tier 2 (Equation C-2a)
Tier Methodology Start Date : 2014-01-01
Tier Methodology End Date : 2014-12-31
Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
7937.6 (Metric Tons)	0.15 (Metric Tons)	0.015 (Metric Tons)	3.7 (Metric Tons)	4.5 (Metric Tons)

Equation C2a/C9a Inputs :

Fuel Quantity : 144992000 (scf/year)

Use Default High Heat Value : false

Equation C2b Inputs :

	Fuel Combusted	High Heat Value
January	30503000 (scf/month)	0.001018 (mmBtu/scf)
February	21966000 (scf/month)	0.001020 (mmBtu/scf)
March	5364000 (scf/month)	0.001028 (mmBtu/scf)
April	5271000 (scf/month)	0.001029 (mmBtu/scf)
May	6703000 (scf/month)	0.001024 (mmBtu/scf)
June	1405000 (scf/month)	0.001021 (mmBtu/scf)
July	12386000 (scf/month)	0.001032 (mmBtu/scf)
August	7404000 (scf/month)	0.001032 (mmBtu/scf)
September	10397000 (scf/month)	0.001044 (mmBtu/scf)
October	9708000 (scf/month)	0.001043 (mmBtu/scf)
November	12621000 (scf/month)	0.001042 (mmBtu/scf)
December	21264000 (scf/month)	0.001051 (mmBtu/scf)

Unit Name : GP-2

Unit Type : OCS (Other combustion source)

Unit Description : 4 turbines driving centrifugal compressors

Other Unit Name :

Small Unit Aggregation Details:

Use Ivt Indicator: N

Highest Maximum Rated Heat Input Capacity: 13.11

Emission Details:

Annual CO₂ mass emissions from sorbent: 0 (Metric Tons)

Annual Biogenic CO₂ Emissions: 0 (metric tons)

Annual Fossil fuel based CO₂ Emissions: 5523.8 (metric tons)

Tier Fuel Details:

Fuel : Natural Gas (Weighted U.S. Average)

Tier Name : Tier 2 (Equation C-2a)

Tier Methodology Start Date : 2014-01-01

Tier Methodology End Date : 2014-12-31

Frequency of HHV determinations : Monthly

Tier 2 Monthly HHV Details :

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO2 emissions	Total CH4 emissions	Total N2O emissions	Total CH4 emissions CO2e	Total N2O emissions CO2e
			2.6 (Metric Tons)	3.1 (Metric Tons)

5523.8 (Metric Tons)	0.10 (Metric Tons)	0.010 (Metric Tons)		
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Equation C2a/C9a Inputs :**Fuel Quantity** : 100596000 (scf/year)**Use Default High Heat Value** : false**Equation C2b Inputs :**

	Fuel Combusted	High Heat Value
January	12153000 (scf/month)	0.001018 (mmBtu/scf)
February	8731000 (scf/month)	0.001020 (mmBtu/scf)
March	0 (scf/month)	0.001028 (mmBtu/scf)
April	2236000 (scf/month)	0.001029 (mmBtu/scf)
May	8186000 (scf/month)	0.001024 (mmBtu/scf)
June	84000 (scf/month)	0.001021 (mmBtu/scf)
July	14803000 (scf/month)	0.001032 (mmBtu/scf)
August	8466000 (scf/month)	0.001032 (mmBtu/scf)
September	7198000 (scf/month)	0.001044 (mmBtu/scf)
October	13195000 (scf/month)	0.001043 (mmBtu/scf)
November	8717000 (scf/month)	0.001042 (mmBtu/scf)
December	16827000 (scf/month)	0.001051 (mmBtu/scf)

Unit Name : GP-3**Unit Type** : OCS (Other combustion source)**Unit Description** : building use**Other Unit Name** :**Small Unit Aggregation Details:****Use Ivt Indicator:** N**Highest Maximum Rated Heat Input Capacity:** 0.2**Emission Details:****Annual CO₂ mass emissions from sorbent:** 0 (Metric Tons)**Annual Biogenic CO₂ Emissions:** 0 (metric tons)**Annual Fossil fuel based CO₂ Emissions:** 13.5 (metric tons)**Tier Fuel Details:****Fuel** : Natural Gas (Weighted U.S. Average)**Tier Name** : Tier 2 (Equation C-2a)**Tier Methodology Start Date** : 2014-01-01**Tier Methodology End Date** : 2014-12-31**Frequency of HHV determinations** : Monthly**Tier 2 Monthly HHV Details :**

January	February	March	April	May	June	July	August	September	October	November	December
N	N	N	N	N	N	N	N	N	N	N	N

Fuel Emission Details :

Total CO ₂ emissions	Total CH ₄ emissions	Total N ₂ O emissions	Total CH ₄ emissions CO ₂ e	Total N ₂ O emissions CO ₂ e
13.5 (Metric Tons)	0.00 (Metric Tons)	0.000 (Metric Tons)	0 (Metric Tons)	0 (Metric Tons)

Equation C2a/C9a Inputs :**Fuel Quantity** : 246400 (scf/year)**Use Default High Heat Value** : true**High Heat Value** : 0.0010348 (mmBtu/scf)

Subpart W: Petroleum and Natural Gas Systems

Gas Information Details

Gas Name	Other Gas Name	Gas Quantity	Own Result?

Methane	92.37 (Metric Tons)
Nitrous Oxide	0 (Metric Tons)
Carbon Dioxide	2.4 (Metric Tons)

SubpartWSummaryDetails:

Industry Segment Number	4
Industry Segment Name	Onshore natural gas transmission compression [98.230(a)(4)]
Annual throughput [98.236(d)] Gaseous Throughput (MMscf)	86939
Annual throughput [98.236(d)] Liquid Throughput (thousand barrels)	0
Total Reported CO2 Emissions (mt CO2)	2.4
Total Reported CH4 Emissions (mt CO2e)	2309.2
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	2311.6

SubpartWSourceReportingFormRowDetails:

Source Reporting Form	Sub-Basin Selection
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	N/A
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	N/A
Source Reporting Form	Natural Gas Pneumatic Devices [98.236(c)(1)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Natural Gas Driven Pneumatic Pumps [98.236(c)(2)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Acid Gas Removal Units [98.236(c)(3)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Dehydrators [98.236(c)(4)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Well Venting for Liquids Unloading [98.236(c)(5)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0

Source Reporting Form	Gas Well Completions and Workovers [98.236(c)(6)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Blowdown Vent Stacks [98.236(c)(7)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.8
Total Reported CH4 Emissions (mt CO2e)	924.5
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	925.3
Source Reporting Form	Gas from Produced Oil Sent to Atmospheric Tanks [98.236(c)(8)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Transmission Tanks [98.236(c)(9)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Well Testing Venting and Flaring [98.236(c)(10)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Associated Gas Venting and Flaring [98.236(c)(11)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Flare Stacks [98.236(c)(12)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Centrifugal Compressors [98.236(c)(13)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	1.8
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	1.8
Source Reporting Form	Reciprocating Compressors [98.236(c)(14)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	0.3
Total Reported CH4 Emissions (mt CO2e)	386.4
Total Reported N2O Emissions (mt CO2e)	0.0

Total Reported Emissions (mt CO2e)	386.8
Source Reporting Form	Other Emissions from Equipment Leaks Estimated Using Emission Factors [98.236(c)(15)]
Required for Selected Industry Segment	Yes
Total Reported CO2 Emissions (mt CO2)	1.2
Total Reported CH4 Emissions (mt CO2e)	996.5
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	997.7
Source Reporting Form	Local Distribution Companies [98.236(c)(16)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Enhanced Oil Recovery Injection Pump Blowdown [98.236(c)(17)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Enhanced Oil Recovery Hydrocarbon Liquids Dissolved CO2 [98.236(c)(18)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	N/A
Total Reported N2O Emissions (mt CO2e)	N/A
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Onshore Petroleum and Natural Gas Production and Natural Gas Distribution Combustion Emissions [98.236(c)(19)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0
Source Reporting Form	Offshore Sources [98.236(b)]
Required for Selected Industry Segment	No
Total Reported CO2 Emissions (mt CO2)	0.0
Total Reported CH4 Emissions (mt CO2e)	0.0
Total Reported N2O Emissions (mt CO2e)	0.0
Total Reported Emissions (mt CO2e)	0.0

PneumaticDeviceVentingDetails:

mt CO2	0.0
mt CH4 (mt CO2e)	0.0
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	0.0
Does the Facility have any continuous high-bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any intermittent bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any continuous low-bleed pneumatic devices subject to reporting under 98.232?	No
	No

Were BAMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	
Provide a brief description of each BAMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	

PneumaticDeviceTypesRowDetails:

Type of Pneumatic Device	High-bleed Pneumatic Devices
Total CO2 Emissions (mt CO2) [98.236(c)(1)(iv)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	
Type of Pneumatic Device	Intermittent Bleed Pneumatic Devices
Total CO2 Emissions (mt CO2) [98.236(c)(1)(iv)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	
Type of Pneumatic Device	Low-Bleed Pneumatic Devices
Total CO2 Emissions (mt CO2) [98.236(c)(1)(iv)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	

BlowdownVentStacksDetails:

mt CO2	0.8
mt CH4 (mt CO2e)	924.5
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	925.3
Does the facility have any blowdown vent stacks?	Yes
Were BAMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	Yes
Provide a brief description of the BAMM used, parameter measured, and time period. [98.3(c)(7)]	Process temperature and pressure parameters for the entire year were based on engineering estimates using best available information.
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total number of blowdowns [98.236(c)(7)(ii)(A)]	
Total CO2 Emissions (mt CO2) [98.236(c)(7)(ii)(B)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(ii)(B)]	

BlowdownVentStacksForEachUniquePhysicalVolumeRowDetails:

Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #1
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	10
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.04
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	40.49
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #2
	W-14B

Which equation was used to calculate natural gas venting emissions? (Select from list)	
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	9
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.03
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	36.83
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #3
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	6
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.02
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	25.03
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #8
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	3
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.03
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	29.32
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #9
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	4
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.03
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	38.21
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #10
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	6
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.1
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	110.68
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	station ESD
Which equation was used to calculate natural gas venting emissions? (Select from list)	W-14B
Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	2
Total CO2 Emissions (mt CO2) [98.236(c)(7)(i)(B)]	0.5630501
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	643.9751281

TransmissionTanksDetails:

mt CO2	0.0
mt CH4 (mt CO2e)	0.0
mt N2O (mt CO2e)	0.0
Total Emissions (mt CO2e)	0.0
Did the facility have any vent stack emissions from compressor scrubber dump valve leakage that were quantified per 98.233 (k)?	No
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	

Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	
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CentrifugalCompressorsDetails:

mt CO2	0.0
mt CH4 (mt CO2e)	1.8
mt N2O (mt CO2e)	0.0
Total Emissions (mt CO2e)	1.8
Does the facility have any centrifugal compressors with wet or dry seals subject to reporting under 98.232?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total annual compressor emissions CO2 Emissions (mt CO2) [98.236(c)(13)(v)(B)]	
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(13)(v)(B)]	
Count of compressors [98.236(c)(13)(v)(A)]	

CentrifugalCompressorsModesRowDetails:

Compressor ID	Solar #4
Were BMM Used for This Compressor?	No
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	8694
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	0.5
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	0.0
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	

Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.5
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	2436.1763333
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	43.87
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	0.32
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	6323.829
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0
Compressor ID	Solar #5
Were BMM Used for This Compressor?	No
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	8694
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	0.7
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	0.0
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	

Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.7
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	2007.0266667
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	43.87
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	0.32
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	6752.96
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0
Compressor ID	Solar #6
Were BMM Used for This Compressor?	No
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	8694
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	0.4
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	0.0
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	

Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.4
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	2619.71
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	43.87
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	0.32
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	6140.3333333
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0
Compressor ID	Solar #7
Were BMM Used for This Compressor?	No
Seal Type (wet or dry)	Wet
Annual throughput using an engineering calculation based on best available data (MMscf) [98.236(c)(13)(i)(C)]	8694
Number of wet seals connected to the degassing vent [98.236(c)(13)(i)(A)]	1
Type of meter used for making measurements [98.236(c)(13)(i)(D)]	Temporary
Fraction of vent gas recovered for fuel [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered for sales [98.236(c)(13)(i)(B)]	0
Fraction of vent gas recovered and flared [98.236(c)(13)(i)(B)]	0
Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	0.0
Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	0.2
Not Measured - Seal vent CO2 emissions (mt CO2) [98.236(c)(13)(i)(G)]	
Not Measured - Seal vent CH4 emissions (mt CO2e) [98.236(c)(13)(i)(G)]	
Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	0.0
Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	0.0
Not Measured - Blowdown Vent CO2 emissions (mt CO2) [98.236(c)(13)(ii)(C)]	
Not Measured - Blowdown Vent CH4 emissions (mt CO2e) [98.236(c)(13)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions (mt CO2) [98.236(c)(13)(iii)(C)]	

Not Measured - Isolation valve leakage CH4 emissions (mt CO2e) [98.236(c)(13)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(13)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.2
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	1229.72
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	43.87
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	0.32
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	7530.2533333
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0

ReciprocatingCompressorsDetails:

mt CO2	0.3
mt CH4 (mt CO2e)	386.4
mt N2O (mt CO2e)	0.0
Total Emissions (mt CO2e)	386.8
Does the facility have any reciprocating compressors subject to reporting under 98.232?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	
Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
Total annual compressor emissions CO2 Emissions (mt CO2) [98.236(c)(14)(v)(B)]	
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(14)(v)(B)]	
Count of compressors [98.236(c)(14)(v)(A)]	

ReciprocatingCompressorsModesRowDetails:

Compressor ID	Clark #1
Were BMM Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	8694
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	0.0
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	

Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)(14)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)(14)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	0.0
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	1216.493
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	4563.337
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0.04
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	2980.17
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	8.06
Compressor ID	Clark #2
Were BMM Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	8694
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	0.0
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	

Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	0.0
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)(14)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)(14)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	0.0
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	1001.8423333
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	4802.3543333
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0.04
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	2955.8033333
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	8.06
Compressor ID	Clark #3
Were BMM Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	8694
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	0.0
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	

Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	26.6
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)(14)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)(14)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	26.6
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	1102.6233333
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	5408.5733333
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0.04
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	2248.8033333
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	8.06
Compressor ID	Cooper #8
Were BMM Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	8694
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	5.2
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	

Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	2.4
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	3.1
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)(14)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)(14)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	10.8
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	660.3433333
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	7582.6566667
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0.04
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	517
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	8.06
Compressor ID	Cooper #9
Were BMM Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	8694
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.0
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	28.7
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	

Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	1.4
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)(14)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)(14)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.0
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	30.1
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	637.7766667
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	7598.7233333
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0.04
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	523.5
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	8.06
Compressor ID	Cooper #10
Were Bamm Used for This Compressor?	No
Annual throughput using an engineering calculation based on best available data (million SCF) [98.236(c)(14)(i)(A)]	8694
Were blowdown vents manifolded to rod packing vents for this compressor? [98.236(c)(14)(ii)]	No
Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	0.3
Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	312.4
Not Measured - Rod packing CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(i)(C)]	

Not Measured - Rod packing CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(i)(C)]	
Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in operating mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in operating mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	0.0
Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	0.0
Not Measured - Blowdown vent CO2 emissions when in standby pressurized mode (mt CO2) [98.236(c)(14)(ii)(C)]	
Not Measured - Blowdown vent CH4 emissions when in standby pressurized mode (mt CO2e) [98.236(c)(14)(ii)(C)]	
Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	0.0
Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	6.6
Not Measured - Isolation valve leakage CO2 emissions in not operating, depressurized mode (mt CO2) [98.236(c)(14)(iii)(C)]	
Not Measured - Isolation valve leakage CH4 emissions in not operating, depressurized mode (mt CO2e) [98.236(c)(14)(iii)(C)]	
Does this compressor route gas to a flare? [98.236(c)(14)]	No
Total annual CO2 emissions from flaring for all modes of operation combined (mt CO2) [98.236(c)(14)]	
Total annual CH4 emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual N2O emissions from flaring for all modes of operation combined (mt CO2e) [98.236(c)(14)]	
Total annual CO2 emissions from all modes of operation combined (mt CO2) [98.236(c)(14)(iv)]	0.3
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	319.0
Total annual N2O emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	0.0
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	4236.8933333
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	3388.3566667
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0.04
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	1134.75
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	8.06

OtherEmissionsFromEquipmentLeaksDetails:

mt CO2	1.2
mt CH4 (mt CO2e)	996.5
mt N2O (mt CO2e)	N/A
Total Emissions (mt CO2e)	997.7
Does the facility have any equipment leaks subject to reporting under 98.232?	Yes
Were BMM used for any parameters to calculate GHG emissions? [98.3(c)(7)]	No
Provide a brief description of the BMM used, parameter measured, and time period. [98.3(c)(7)]	

Were missing data procedures used for any parameters to calculate GHG emissions? [98.235]	No
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EstimatingEmissionsFoundInLeakSurveyRowDetails:

Component Type (Select from list) [98.236(c)(15)]	Compressor Components, Gas Service - Connector
Date of first complete survey [98.236(c)(15)(i)(A)]	2014-10-01
Total count of leaks found in the first survey [98.236(c)(15)(i)(A)]	8
Date of second complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the second survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of third complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the third survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of fourth complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the fourth survey (if applicable) [98.236(c)(15)(i)(A)]	
Minimum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Minimum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
CO2 Emissions (mt CO2) [98.236(c)(15)(i)(C)]	0.2
CH4 Emissions (mt CO2e) [98.236(c)(15)(i)(C)]	183.3
Component Type (Select from list) [98.236(c)(15)]	Compressor Components, Gas Service - Valve
Date of first complete survey [98.236(c)(15)(i)(A)]	2014-10-01
Total count of leaks found in the first survey [98.236(c)(15)(i)(A)]	10
Date of second complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the second survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of third complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the third survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of fourth complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the fourth survey (if applicable) [98.236(c)(15)(i)(A)]	
Minimum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Minimum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
CO2 Emissions (mt CO2) [98.236(c)(15)(i)(C)]	0.8
CH4 Emissions (mt CO2e) [98.236(c)(15)(i)(C)]	608.4
Component Type (Select from list) [98.236(c)(15)]	Non-compressor Components, Gas Service - Connector

Date of first complete survey [98.236(c)(15)(i)(A)]	2014-10-01
Total count of leaks found in the first survey [98.236(c)(15)(i)(A)]	2
Date of second complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the second survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of third complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the third survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of fourth complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the fourth survey (if applicable) [98.236(c)(15)(i)(A)]	
Minimum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Minimum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
CO2 Emissions (mt CO2) [98.236(c)(15)(i)(C)]	0.1
CH4 Emissions (mt CO2e) [98.236(c)(15)(i)(C)]	46.8
Component Type (Select from list) [98.236(c)(15)]	Non-compressor Components, Gas Service - Valve
Date of first complete survey [98.236(c)(15)(i)(A)]	2014-10-01
Total count of leaks found in the first survey [98.236(c)(15)(i)(A)]	6
Date of second complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the second survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of third complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the third survey (if applicable) [98.236(c)(15)(i)(A)]	
Date of fourth complete survey (if applicable) [98.236(c)(15)(i)(A)]	
Total count of leaks found in the fourth survey (if applicable) [98.236(c)(15)(i)(A)]	
Minimum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CO2 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Minimum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
Maximum concentration of CH4 (volumetric fraction) [98.236(c)(15)(i)(B)]	
CO2 Emissions (mt CO2) [98.236(c)(15)(i)(C)]	0.2
CH4 Emissions (mt CO2e) [98.236(c)(15)(i)(C)]	157.9

ComponentCountMethodologyOneRowDetails:

Major Equipment Type [98.236(c)(15)(ii)(B)]	Wellheads
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Separators
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	

Major Equipment Type [98.236(c)(15)(ii)(B)]	Meters/piping
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Compressors
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	In-line heaters
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Dehydrators
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Heater-treater
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Header
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	

Subpart W: Petroleum and Natural Gas Systems - Reporting Years 2011, 2012 and 2013 Deferred Data

SubpartWDeferredSummaryDetails:

Industry Segment Number	4
Industry Segment Name	Onshore natural gas transmission compression [98.230(a)(4)]
Reporting Period:	2012
Location and name of original Subpart W Form	C:\Users\SSAhmed\Documents\GHG\report data\2012\Sub W\Morenoreportingform2012EPASubW.xls
Total Reported Emissions (mt CO ₂ e)	2175.2

DeferredPneumaticDeviceVentingDetails:

Does the Facility have any continuous high-bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any intermittent bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any continuous low-bleed pneumatic devices subject to reporting under 98.232?	No

DeferredPneumaticDeviceTypesRowDetails:

Type of Pneumatic Device	High-bleed Pneumatic Devices
Total CH ₄ Emissions (mt CO ₂ e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Type of Pneumatic Device	Intermittent Bleed Pneumatic Devices
Total CH ₄ Emissions (mt CO ₂ e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Type of Pneumatic Device	Low-Bleed Pneumatic Devices

Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0

DeferredDehydratorsDetails:

Does the Facility have any dehydrators subject to reporting under 98.232?	
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DeferredGlycolDehydratorsLessThanSpecifiedValueRowDetails:

What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Vapor Recovery
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Dehydrator Vents to Flares
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Regenerator fire-box/fire tubes
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	No Vent Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Other / Multiple Vent Gas Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	

DeferredBlowdownVentStacksDetails:

Does the facility have any blowdown vent stacks?	Yes
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DeferredBlowdownVentStacksForEachUniquePhysicalVolumeRowDetails:

Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #1
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	42.98
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #2
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	49.91
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #3
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	40.14

Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #8
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	121.43
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #9
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	79.24
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #10
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	103.31
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	

DeferredCentrifugalCompressorsDetails:

Does the facility have any centrifugal compressors with wet or dry seals subject to reporting under 98.232?	Yes
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(13)(v)(B)]	
Count of compressors [98.236(c)(13)(v)(A)]	

DeferredCentrifugalCompressorsModesRowDetails:

Compressor ID	Solar #1
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	12.1
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	6007
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	2.3
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	1
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	2777
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0
Compressor ID	Solar #2
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	2.0
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	5944
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	2.3
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	1
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	2840
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0
Compressor ID	Solar #3
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	7.6

Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	5954
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	2.3
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	1
Total time in shutdown, depressurized mode (hours) [98.236(c) (13)(iii)(A)]	2830
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0
Compressor ID	Solar #4
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	8.5
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	5770
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	2.3
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	1
Total time in shutdown, depressurized mode (hours) [98.236(c) (13)(iii)(A)]	3014
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0

DeferredReciprocatingCompressorsDetails:

Does the facility have any reciprocating compressors subject to reporting under 98.232?	
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(14)(v)(B)]	
Count of compressors [98.236(c)(14)(v)(A)]	

DeferredReciprocatingCompressorsModesRowDetails:

Compressor ID	Clark #1
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	232.2
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	4386
Total time in standby, pressurized mode (hours) [98.236(c)(14) (ii)(A)]	3058
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	1340
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Clark #2
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	221.6
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	4155
Total time in standby, pressurized mode (hours) [98.236(c)(14) (ii)(A)]	3332
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	1297
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Clark #3
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	227.0

Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	4300
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	3692
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	792
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Cooper #1
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	150.2
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	2857
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	5133
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	794
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Cooper #2
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	15.0
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	3128
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	4755
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	901
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Cooper #3
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	438.9
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	4349
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	3698
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	737
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1

DeferredOtherEmissionsFromEquipmentLeaksDetails:

Does the facility have any equipment leaks subject to reporting under 98.232?	Yes
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DeferredComponentCountMethodologyOneRowDetails:

Major Equipment Type [98.236(c)(15)(ii)(B)]	Wellheads
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Separators
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Meters/piping

Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Compressors
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	In-line heaters
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Dehydrators
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Heater-treater
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Header
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	

SubpartWDeferredSummaryDetails:

Industry Segment Number	4
Industry Segment Name	Onshore natural gas transmission compression [98.230(a)(4)]
Reporting Period:	2013
Location and name of original Subpart W Form	C:\Users\SSAhmed\Documents\GHG\report data\2013\Subpart W for Transmission and storage\Morenoreportingform2013EPASubW.xls
Total Reported Emissions (mt CO2e)	2082.1

DeferredPneumaticDeviceVentingDetails:

Does the Facility have any continuous high-bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any intermittent bleed pneumatic devices subject to reporting under 98.232?	No
Does the Facility have any continuous low-bleed pneumatic devices subject to reporting under 98.232?	No

DeferredPneumaticDeviceTypesRowDetails:

Type of Pneumatic Device	High-bleed Pneumatic Devices
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Type of Pneumatic Device	Intermittent Bleed Pneumatic Devices
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Type of Pneumatic Device	Low-Bleed Pneumatic Devices
Total CH4 Emissions (mt CO2e) [98.236(c)(1)(iv)]	
Actual Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0
Estimated Count 98.236(c)(1)(i) 98.236(c)(1)(ii) 98.236(c)(1)(iii)	0

DeferredDehydratorsDetails:

Does the Facility have any dehydrators subject to reporting under 98.232?	
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DeferredGlycolDehydratorsLessThanSpecifiedValueRowDetails:

What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Vapor Recovery
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Dehydrator Vents to Flares
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Regenerator fire-box/fire tubes
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	No Vent Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	
What Vent Gas Controls Used [98.236(c)(4)(ii)(B)]	Other / Multiple Vent Gas Controls
Total CH4 Emissions from Venting (mt CO2e) [98.236(c)(4)(ii)(C)]	
Total CO2 Emissions from Flaring (mt CO2) [98.236(c)(4)(ii)(D)]	
Count of Glycol Dehydrators (W-5) [98.236(c)(4)(ii)(A)]	

DeferredBlowdownVentStacksDetails:

Does the facility have any blowdown vent stacks?	Yes
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DeferredBlowdownVentStacksForEachUniquePhysicalVolumeRowDetails:

Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #1
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	28.9
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #2
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	23.71
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Clark #3
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	36.13
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #8
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	118.24
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
	Cooper #9

Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	145.44
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	Cooper #10
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	173.45
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	
Unique name or ID for unique physical volume [98.236(c)(7)(i)(C)]	station ESD
Total CH4 Emissions (mt CO2e) [98.236(c)(7)(i)(B)]	650.83
Report Only if Using Eq. W-14A - Total number of blowdowns for each unique physical volume in the calendar year [98.236(c)(7)(i)(A)]	

DeferredCentrifugalCompressorsDetails:

Does the facility have any centrifugal compressors with wet or dry seals subject to reporting under 98.232?	Yes
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(13)(v)(B)]	
Count of compressors [98.236(c)(13)(v)(A)]	

DeferredCentrifugalCompressorsModesRowDetails:

Compressor ID	Solar #4
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	2.1
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	3883.3
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	1.64
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	0.5
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	4876.7
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0
Compressor ID	Solar #5
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	1.4
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	3848.6
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	1.64
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	0.5
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	4911.4
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0
Compressor ID	Solar #6
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	4.5
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	3775.6
	1.64

Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	0.5
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	4984.4
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0
Compressor ID	Solar #7
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(13)(iv)]	0.7
Total time in operating mode (hours) [98.236(c)(13)(i)(F)] [98.236(c)(13)(ii)(A)]	3943.5
Reporter emission factor for wet seal oil degassing vents (standard cubic feet per hour) [98.236(c)(13)(i)(E)]	1.64
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(13)(ii)(B)]	0.5
Total time in shutdown, depressurized mode (hours) [98.236(c)(13)(iii)(A)]	4816.5
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(13)(iii)(B)]	0

DeferredReciprocatingCompressorsDetails:

Does the facility have any reciprocating compressors subject to reporting under 98.232?	
Total annual compressor emissions CH4 Emissions (mt CO2e) [98.236(c)(14)(v)(B)]	
Count of compressors [98.236(c)(14)(v)(A)]	

DeferredReciprocatingCompressorsModesRowDetails:

Compressor ID	Clark #1
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	7.4
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	3340.9
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	5243.2
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	175.9
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Clark #2
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	7.9
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	3021.8
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	5619.8
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	118.4
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Clark #3
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	7.9
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	2964.5
	5595.7

Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	199.8
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Cooper #8
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	8.1
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	2051.8
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	5722.8
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	985.4
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Cooper #9
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	8.3
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	2020.9
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	5860.2
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	878.9
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1
Compressor ID	Cooper #10
Total annual CH4 emissions from all modes of operation combined (mt CO2e) [98.236(c)(14)(iv)]	293.1
Total time in operating mode (hours) [98.236(c)(14)(i)(B)]	6583.5
Total time in standby, pressurized mode (hours) [98.236(c)(14)(ii)(A)]	1029.5
Reporter emission factor for blowdown vents (standard cubic feet per hour) [98.236(c)(14)(ii)(B)]	0
Total time the compressor is in not operating, depressurized mode (hours) [98.236(c)(14)(iii)(A)]	1147
Reporter emission factor for isolation valve emissions (standard cubic feet per hour) [98.236(c)(14)(iii)(B)]	3.1

DeferredOtherEmissionsFromEquipmentLeaksDetails:

Does the facility have any equipment leaks subject to reporting under 98.232?	Yes
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DeferredComponentCountMethodologyOneRowDetails:

Major Equipment Type [98.236(c)(15)(ii)(B)]	Wellheads
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Separators
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Meters/piping
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	

Major Equipment Type [98.236(c)(15)(ii)(B)]	Compressors
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	In-line heaters
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Dehydrators
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Heater-treater
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	
Major Equipment Type [98.236(c)(15)(ii)(B)]	Header
Total count for each type of Major Equipment [98.236(c)(15)(ii)(B)]	

Back Year Reporting - Deferred Data

Subpart: C

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