Leak Detection and Repair (LDAR) Annual Report Form

ATTENTION: *Please complete this form in Adobe Acrobat*, including data entry and a Digital ID signature. All fields are required to be completed where an operator has applicable information. Refer to the Guidance document for additional details on completing this form. Email complete and electronically signed PDF forms to: cdphe_reg7LDAR_annualreports@state.co.us.

General Information

Company Name:	Edge Energy II, LLC	Inspection Year:	2018
Contact Person:	Benjamin Turner	Title:	Engineer
Phone Number:	(720) 599-3650	E-Mail Address:	Bturner@edgeenergy1.com
# of Well Production Facilities Inspected[1]:	12	# of Compressor Stations Inspected[1]:	0

For the sake of this form, please report inspections and associated leaks/repairs ***ONLY*** in the table applicable to the same inspection type and frequency at which they were completed.

If a facility is subject to both Regulation No. 7 § XII.L and § XVII.F, a source will be considered in compliance with both rules by following the more stringent inspection frequency of the two requirements.

Pneumatic controller reporting is required only for those gas-driven devices which are operated *within the 8-Hour Ozone Control Area* (Regulation No. 7 § XVIII.F). To report all actions taken to return a pneumatic controller to proper operation, please refer to the table below[2]:

Enhanced response action:	Adjusted /Tuned	Cleaned/ Removed Debris	Tightened	Heated/ Insulated	Replaced Part(s) of Controller	Rebuilt Controller with Repair Kit	Replaced Controller	Other
Reporting option:	A	B	C	D	E	F	G	Other

Well Production Facilities

AVO Inspections

TOTAL # of AVO Inspections at Well Production Facilities[3]	76

Component Type	**# Leaks Identified[4]**	**# Leaks Repaired**	**# Leaks on Delay of Repair List as of Dec 31**		
			Basis for Delay		
			Parts Ordered	Shutdown Needed	Other
Valves:	0				
Connectors:	0				
Flanges:	0				
Pump Seals:	2				
Pressure Relief Devices:	2				
TOTAL:	4	4	0		

One-Time AIMM Inspections

TOTAL # of One-Time AIMM Inspections at Well Production Facilities[3]	

Component Type	# Leaks Identified[4]	# Leaks Repaired	# Leaks on Delay of Repair List as of Dec 31		
			Basis for Delay		
			Parts Ordered	Shutdown Needed	Other
Valves:					
Connectors:					
Flanges:					
Pump Seals:					
Pressure Relief Devices:					
TOTAL:	0		0		

Annual AIMM Inspections

TOTAL # of Annual AIMM Inspections at Well Production Facilities[3]	2

Component Type	# Leaks Identified[4]	# Leaks Repaired	# Leaks on Delay of Repair List as of Dec 31		
			Basis for Delay		
			Parts Ordered	Shutdown Needed	Other
Valves:	0				
Connectors:	0				
Flanges:	0				
Pump Seals:	0				
Pressure Relief Devices:	3				
TOTAL:	3		0		

Pneumatic Type *(Only within 8-hr Ozone Control Area)*	# Of Each Enhanced Response Action Taken to Return Pneumatic Controllers to Proper Operation (See List Above)								# of Pneumatic controllers on Delay of Repair List as of Dec 31		
									Basis for Delay		
	A	B	C	D	E	F	G	Other	Parts Ordered	Shutdown Needed	Other
Intermittent-Bleed:											
Low-Bleed:											
High-Bleed:											

TOTAL # of pneumatic controllers returned to proper operation[5]:	

Semi-Annual AIMM Inspections

TOTAL # of Semi-Annual AIMM Inspections at Well Production Facilities[3]	

Component Type	# Leaks Identified[4]	# Leaks Repaired	# Leaks on Delay of Repair List as of Dec 31		
			Basis for Delay		
			Parts Ordered	Shutdown Needed	Other
Valves:					
Connectors:					
Flanges:					
Pump Seals:					
Pressure Relief Devices:					
TOTAL:	0		0		

Pneumatic Type *(Only within 8-hr Ozone Control Area)*	# Of Each Enhanced Response Action Taken to Return Pneumatic Controllers to Proper Operation (See List Above)								# of Pneumatic controllers on Delay of Repair List as of Dec 31		
									Basis for Delay		
	A	B	C	D	E	F	G	Other	Parts Ordered	Shutdown Needed	Other
Intermittent-Bleed:											
Low-Bleed:											
High-Bleed:											

TOTAL # of pneumatic controllers returned to proper operation[5]:	

Quarterly AIMM Inspections

TOTAL # of Quarterly AIMM Inspections at Well Production Facilities[3]	

Component Type	# Leaks Identified[4]	# Leaks Repaired	# Leaks on Delay of Repair List as of Dec 31		
			Basis for Delay		
			Parts Ordered	Shutdown Needed	Other
Valves:					
Connectors:					
Flanges:					
Pump Seals:					
Pressure Relief Devices:					
TOTAL:	0		0		

Pneumatic Type *(Only within 8-hr Ozone Control Area)*	# Of Each Enhanced Response Action Taken to Return Pneumatic Controllers to Proper Operation (See List Above)								# of Pneumatic controllers on Delay of Repair List as of Dec 31		
									Basis for Delay		
	A	B	C	D	E	F	G	Other	Parts Ordered	Shutdown Needed	Other
Intermittent-Bleed:											
Low-Bleed:											
High-Bleed:											

TOTAL # of pneumatic controllers returned to proper operation[5]:	

Monthly AIMM Inspections

TOTAL # of Monthly AIMM Inspections at Well Production Facilities[3]	

Component Type	# Leaks Identified[4]	# Leaks Repaired	# Leaks on Delay of Repair List as of Dec 31		
			Basis for Delay		
			Parts Ordered	Shutdown Needed	Other
Valves:					
Connectors:					
Flanges:					
Pump Seals:					
Pressure Relief Devices:					
TOTAL:	0		0		

Pneumatic Type *(Only within 8-hr Ozone Control Area)*	# Of Each Enhanced Response Action Taken to Return Pneumatic Controllers to Proper Operation (See List Above)								# of Pneumatic controllers on Delay of Repair List as of Dec 31		
									Basis for Delay		
	A	B	C	D	E	F	G	Other	Parts Ordered	Shutdown Needed	Other
Intermittent-Bleed:											
Low-Bleed:											
High-Bleed:											

TOTAL # of pneumatic controllers returned to proper operation[5]:	

COMPRESSOR STATIONS

Annual AIMM Inspections

TOTAL # of Annual AIMM Inspections at Compressor Stations[3]	

Component Type	# Leaks Identified[4]	# Leaks Repaired	# Leaks on Delay of Repair List as of Dec 31		
			Basis for Delay		
			Parts Ordered	Shutdown Needed	Other
Valves:					
Connectors:					
Flanges:					
Pump Seals:					
Pressure Relief Devices:					
TOTAL:	0		0		

Quarterly AIMM Inspections

TOTAL # of Quarterly AIMM Inspections at Compressor Stations[3]	

Component Type	# Leaks Identified[4]	# Leaks Repaired	# Leaks on Delay of Repair List as of Dec 31		
			Basis for Delay		
			Parts Ordered	Shutdown Needed	Other
Valves:					
Connectors:					
Flanges:					
Pump Seals:					
Pressure Relief Devices:					
TOTAL:	0		0		

Pneumatic Type *(Only within 8-hr Ozone Control Area)*	# Of Each Enhanced Response Action Taken to Return Pneumatic Controllers to Proper Operation (See List Above)								# of Pneumatic controllers on Delay of Repair List as of Dec 31		
									Basis for Delay		
	A	B	C	D	E	F	G	Other	Parts Ordered	Shutdown Needed	Other
Intermittent-Bleed:											
Low-Bleed:											
High-Bleed:											

TOTAL # of pneumatic controllers returned to proper operation[5]:	

Monthly AIMM Inspections

TOTAL # of Monthly AIMM Inspections at Compressor Stations[3]	

Component Type	# Leaks Identified[4]	# Leaks Repaired	# Leaks on Delay of Repair List as of Dec 31		
			Basis for Delay		
			Parts Ordered	Shutdown Needed	Other
Valves:					
Connectors:					
Flanges:					
Pump Seals:					
Pressure Relief Devices:					
TOTAL:	0		0		

Pneumatic Type *(Only within 8-hr Ozone Control Area)*	# Of Each Enhanced Response Action Taken to Return Pneumatic Controllers to Proper Operation (See List Above)								# of Pneumatic controllers on Delay of Repair List as of Dec 31		
									Basis for Delay		
	A	B	C	D	E	F	G	Other	Parts Ordered	Shutdown Needed	Other
Intermittent-Bleed:											
Low-Bleed:											
High-Bleed:											

TOTAL # of pneumatic controllers returned to proper operation[5]:	

Delay of Repair Review (Appendix)

Please check only one of the two boxes below. If there are leaks subject to review for delay because of unavailable parts (Regulation No. 7 §§ XII.L.7.f, XVII.F.10.f, XVIII.F.5.c), please complete the required Delay of Repair Review Appendix form to be submitted with this completed LDAR Annual Report form.

☐ During the inspection year there were repairs that extended beyond 30 days of initial discovery due to unavailable parts. *I have attached the required Delay of Repair Review Appendix, detailing the records of all reviews conducted during the inspection year.*

☑ There were no repairs that extended beyond 30 days of initial discovery due to unavailable parts.

Responsible Official Certification

All information contained in the LDAR Annual Report must be certified by a responsible official as defined in Colorado Regulation No. 3, Part A § 1.B.40. This certification is based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Please note the Colorado Statutes state that any person who knowingly, as defined in §18-1-501(6), C.R.S., makes any false material statement, representation, or certification in this document is guilty of a misdemeanor and may be punished in accordance with the provisions of §25-7 122.1, C.R.S. (Please enter a Digital ID signature using Adobe Acrobat.)

Responsible Official (typed name)	Title
Benjamin Turner	Engineer
Signature (click below to sign electronically)	Date
Benjamin O. Turner Digitally signed by Benjamin O. Turner Date: 2019.05.30 13:00:15 -06'00'	5/30/2019

Additional Notes:

Footnotes:

[1] The "Total # of Facilities Inspected" should reflect the total number of unique physical locations (e.g. well production facilities and natural gas compressor stations) inspected during the calendar year to fulfill the requirements of Regulation No. 7 § XII.L.7 and XVII.F.10.

[2] The list of action taken to return a gas-driven pneumatic controller to proper operation was compiled based on industry input. Reporting any and all actions taken to return a controller to proper operation is a requirement of Regulation No. 7 § XVIII.F.5.a.

[3] The "Total # of Inspections" should reflect the number of unique facility inspection events as described in the title of that specific table (e.g. AIMM inspections performed on an annual basis at well production facilities) that were performed by the company across the specific facility type at the specific monitoring frequency during the calendar year reporting period. This number should not reflect a count representing the number of individual component(s) monitored. In addition, re-monitoring events to verify an earlier identified leak has been repaired as required by Regulation No. 7 §§ XII.L.5 or XVII.F.7 should not be counted in the "Total # of Inspections" reported.

[4] The "# Leaks Identified" should reflect the sum total of component leaks identified at all facilities with the respective inspection method and frequency of the specific reporting table (e.g. AIMM inspections performed on an annual basis at well production facilities) that occurred during the annual reporting period. Report only leaks that were above the threshold for requiring repair.

[5] Operators should report all maintenance and repair methods ("enhanced response actions") used to return a pneumatic controller to proper operation in the boxes above. However, this box should only contain the sum total of controllers returned to proper operation and not the sum total of Enhanced Response Actions