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Air Release Event Summary

Eunice Gathering System (NM Supersystem Subsys)

Report Date: Monday, July 6, 2015 12:19:29 Records 1 to 13 of 16, Page 1 of 2

Facility	Start Date	Cause	MCF's Lost	Release Type
Antelope Ridge Gas Plant				
June 2015				
	06/30/2015	Plant had and upset and lost compressors causing RTO to go down	351.00	Vented
	06/29/2015	Plant had three power outages due to severe thunderstoms in the area causing the RTO to go offline	186.00	Vented
	06/28/2015	Plant was having foaming and pressure problems causing RTO to go offline	178.00	Vented
	06/25/2015	High LELs caused the RTO to shutdown	150.00	Vented
	06/21/2015	000621-06222015-01 The Antelope Ridge Gas Plant processes natural gas to remove liquids and produces pipeline quality natural gas for commercial distribution. On June 21st, 2015, the Regenerative Thermal Oxidizer tripped offline due to the distributive control system (DCS) not communicating properly with the RTO. The DCS was showing that an open valve was in the closed position and a closed valve was in the open position. When the RTO shuts down the bypass valve opens and emissions are routed to the emergency vent. Probable cause: I/E Circuit Failure	1,866.84	Vented
	06/20/2015	000621-06212015-01 The Antelope Ridge Gas Plant processes natural gas to remove liquids and produces pipeline quality natural gas for commercial distribution. On June 20th, 2015, the Regenerative Thermal Oxidizer tripped offline due to the lower explosive limit (LEL) device electrically malfunctioning by showing a negative LEL value. When the RTO shuts down the bypass valve opens and emissions are routed to the emergency vent. Probable cause: I/E Circuit Failure	480.88	Vented
	06/19/2015	000621-06202015-01 The Antelope Ridge Gas Plant processes natural gas to remove liquids and produces pipeline quality natural gas for commercial distribution. On June 19th, 2015, the Regenerative Thermal Oxidizer tripped offline due to the lower explosive limit (LEL) device electrically malfunctioning by showing a negative LEL value. When the RTO shuts down the bypass valve opens and emissions are routed to the emergency vent. Probable cause: I/E Circuit Failure	578.83	Vented
	06/18/2015	000621-06192015-01 The Antelope Ridge Gas Plant processes natural gas to remove liquids and produces pipeline quality natural gas for commercial distribution. On June 18th, 2015, the Regenerative Thermal Oxidizer tripped offline due to the lower explosive limit (LEL) device electrically malfunctioning by failing to take measurements. When the RTO shuts down the bypass valve opens and emissions are routed to the emergency vent. Probable cause: I/E Circuit Failure	10.10	Vented
	Total for June 2015:		**3,801.65**	
Total for Antelope Ridge Gas Plant:			**3,801.65**	
Eunice Gas Plant				
June 2015				
	06/29/2015	We were have problems with the amine system causing us to lose acid gas to the SRU causing the incinerator to go down on high temp we have thirty minutes before the sru inlet valve shut but had no luck getting it down. couldnt be avoided	99.62	Flared
	06/29/2015	We had been having stacking problems in the still all day. The still would stack for a while, then line out. On this particular stack, close to the end of the shift?the upset had lasted longer than the previous one?s that day. Lost all the level in the amine surge tank, lost amine pumps/flow, and went sour because of this. Also, when the amine pumps went down, the turbines de-latched, as well as the expander. The upset tripped El Paso?s residue sales line valve, and the Delmar. The following meters were affected by this upset... (Residue Flare)-meter number 4639...opened @ 1724 hrs, closed @ 2118 hrs. (200# Flare)-4683...opened @ 1727 hrs, closed @ 2000 hrs. (550# Flare)-4635...opened @ 1735 hrs, closed @ 1850 hrs.	7,284.19	Flared
	06/28/2015	deleted by accident	38.10	Flared
	06/23/2015	We shutdown Turbine #1 for scheduled maintenance and when Turbine #1 went down we were unable to bring the gas in the plant due to high inlet pressure.	350.88	Flared
	06/22/2015	Tried running both amine booster pumps to get amine booster pump discharge pressure up. By duing this caused the breaker to trip witch caused the amine pumps to go down.	5,736.64	Flared
	Total for June 2015:		**13,509.43**	
Total for Eunice Gas Plant:			**13,509.43**	

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Facility	Start Date	Cause	MCF's Lost	Release Type
Lynch Booster				
	June 2015			
	06/17/2015	The Lynch Booster Station is part of a network of unmanned compressor stations that transport natural gas to gas processing facilities. On June 17, 2015, all active units at Lynch Booster (EU 1, 5, 2a and 3) and Mescalero Booster (EU1) tripped offline due to the sites losing purchased power. While the units were down, the gathering system pressure increased and the Emergency Blowdown Vent at Lynch Booster Station activated. Mescalero Booster Station is tied into the Lynch Booster Station gathering system, so when there is an issue at Mescalero it causes an increase in the gathering system pressure, and the vent at Lynch Booster station will activate to relieve the pressure. Activation of the emergency blowdown vent prevents over pressuring of the gathering system, piping and equipment, which protects the system from catastrophic failure or rupture. Probable Cause: 3rd Party State: 641-06182015-01	169.45	Vented
	Total for June 2015:		**169.45**	
Total for Lynch Booster:			**169.45**	
Sand Dunes Booster Station				
	June 2015			
	06/29/2015	The event at Sand Dunes booster was due to Eunice plant backing out gas. Issues with the boilers.	1,227.00	Vented
	06/27/2015	The event at Sand Dunes booster was due to Eunice plant backing out on the P-Line and knocked the booster down on high discharge pressure.	445.00	Vented
	Total for June 2015:		**1,672.00**	
Total for Sand Dunes Booster Station:			**1,672.00**	
Grand Total for Eunice Gathering System (NM Supersystem Subsys):			**19,152.53**	