Historic Maximum MMBTU Miss of Day-Ahead Forecast to Actual

(VEDO 9/1/2011 to 08/31/2017)

FOR GAS DAYS ON AND AFTER 11/01/2018

Max Injection Table

Month	TCO Max Inj.	HHDO HDD5	HDD6 HDD10	HDD11 HDD15	HDD16 HDD20	HDD21 HDD25	HDD26 HDD30	HDD31 HDD35	HDD36 HDD40	HDD41 HDD45	HDD46 HDD50	HDD51 HDD55	HDD56 HDD60	HDD61 HDD65	HDD66 HDD70	HDD71 HDD75	HDD76 HDD80
January	30,592	15,043	10,295	(6,934)	9,204	(4,040)	(4,488)	(706)	(5,237)	(9,082)	(3,765)	(13,717)	14,550	-	-	-	-
February	30,592	14,000	22,778	(2,373)	(2,671)	(5,997)	(4,260)	(11,235)	(849)	(14,744)	(12,958)	16,555	10,942	-	-	-	-
March	30,592	12,957	8,989	343	(12,169)	(15,791)	(12,582)	(1,465)	(7,893)	(7,784)	8,568	7,882	-	-	-	-	-
April	45,888	see below	15,338	28,237	8,988	16,557	6,837	19,139	45,888	-	-	-	-	-	-	-	-
May	61,184	46,488	30,235	38,655	37,888	53,177	-	-	-	-	-	-	-	-	-	-	-
June	61,184	40,607	56,888	-	-	-	-	-	-	-	-	-	-	-	-	-	-
July	61,184	48,831	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
August	61,184	47,724	61,184	-	-	-	-	-	-	-	-	-	-	-	-	-	-
September	39,770	25,920	30,274	15,675	39,770	-	-	-	-	-	-	-	-	-	-	-	-
October	21,414	5,414	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
November	12,747	(7,373)	(22,351)	(27,196)	(28,423)	(13,017)	(18,049)	(21,782)	(10,805)	(2,900)	-	-	-	-	-	-	-
December	25,493	10,459	1,663	(11,723)	(16,628)	(6,348)	(16,637)	(12,017)	(20,139)	(4,842)	(1,636)	(2,527)	-	-	-	-	-

April Max Injection Detail

	HDD 0	HDD 1	HDD 2	HDD 3	HDD 4	HDD 5
April	30000	40000	40000	25000	20000	20000

FOR GAS DAYS ON AND AFTER 11/01/2018

Max Withdrawal Table

Month	TCO Max W/D	HHDO HDD5	HDD6 HDD10	HDD11 HDD15	HDD16 HDD20	HDD21 HDD25	HDD26 HDD30	HDD31 HDD35	HDD36 HDD40	HDD41 HDD45	HDD46 HDD50	HDD51 HDD55	HDD56 HDD60	HDD61 HDD65	HDD66 HDD70	HDD71 HDD75	HDD76 HDD80
January	200,000	184,451	179,703	162,474	178,612	165,368	164,920	168,702	164,171	160,326	165,643	155,691	183,958	156,839	176,300	156,000	200,000
Early Feb	200,000	183,408	192,186	167,035	166,737	163,411	165,148	158,173	168,559	154,664	156,450	185,963	180,350	190,000	190,000	200,000	200,000
Late Feb	130,000	113,408	122,186	97,035	96,737	93,411	95,148	88,173	98,559	84,664	86,450	115,963	130,000	130,000	130,000	130,000	-
March	130,000	112,365	108,397	99,751	87,239	83,617	86,826	97,943	91,515	91,624	107,976	107,290	130,000	130,000	130,000		
April	100,000	66,938	69,450	82,349	63,100	70,669	60,949	73,251									
May	100,000	85,304	69,051	77,471	76,704	91,993											
June	100,000	79,423	95,704														
July	100,000	87,647	100,000														
August	100,000	86,540	100,000														
September	100,000	86,150	90,505	75,905	100,000												
October	200,000	184,000	178,640	169,251	173,705	161,994	182,815										
November	200,000	179,880	164,902	160,057	158,830	174,237	169,205	165,472	176,448	184,353	193,577	200,000					
December	200,000	184,966	176,170	162,784	157,878	168,159	157,870	162,489	154,368	169,664	172,871	171,979	190,000	190,000	190,000	190,000	200,000

FOR GAS DAYS ON AND AFTER 11/01/2018

Min Withdrawal Table

Month	TCO Max W/D	HHDO HDD5	HDD6 HDD10	HDD11 HDD15	HDD16 HDD20	HDD21 HDD25	HDD26 HDD30	HDD31 HDD35	HDD36 HDD40	HDD41 HDD45	HDD46 HDD50	HDD51 HDD55	HDD56 HDD60	HDD61 HDD65	HDD66 HDD70	HDD71 HDD75	HDD76 HDD80
November	200,000	-	-	15,000	20,000	20,000	25,000	20,000	20,000								