

P.S.C.U. Docket No. 18-057-03
OCS Data Request No. 2.16
Requested by Division of Public Utilities
Date of DEU Response July 31, 2018

- OCS 2.16: With respect to Slide 11 of DEU's June 19, 2018 tech conference slide presentation, for the twenty days with the coldest mean temperatures, please describe:
- a. the nature of the problem or issue that caused the gas supply shortfall,
 - b. the location of the incident that resulted in the gas supply shortfall,
 - c. the pipeline interconnection with DEU that may have been affected by the gas supply shortfall,
 - d. what portion of the DEU system (if any) experienced any outage(s) as a result of the shortfall,
 - e. a description of how the shortfall was resolved, and
 - f. the time it took to resolve the shortfall.

Answer: Additional details on the data used to create slide 11 was provided as part of the response to DPU 4.01. This information is also attached as OCS 2.16 Attachment 1. None of these reductions have resulted in any system outages. Had similar reductions occurred during a Design Peak Day or a very cold day, there likely would have been outages. Most of these shortfalls were resolved using storage withdrawals and/or additional purchases. These options would likely already be maxed out on a Design Peak Day.

Prepared by: Will Schwarzenbach III, PE, Manager, Gas Supply

OCS Hearing Cross Exhibit _____

A	B	C	D	E	F	G	H	I	J	K
Date	CYCLE	CAPACITY CONSTRAINT- Confirming party's capacity constraint	CONFIRMING PARTY REDUCTION- confirming party's quantity is reduced	GAS QUALITY SPECIFICATIONS NOT MET-The gas quality is not consistent with posted tariff limits.	PATH BALANCING-Path balanced due to an upstream or downstream cut.	CONFIRMING PARTY REDUCTION AT DELIVERY LOCATION	CONFIRMING PARTY REDUCTION AT RECEIPT LOCATION	UNDERPERFORMANCE OF CONF PARTY AT REC LOC-Nominaton is reduced because Confirming party at Receipt Location is physically unable to flow the Scheduled quantity.	Total Cuts Per Cycle	Mean Temp
1/7/2011	1		21,383						23,533	16
1/7/2011	2		21,381						21,381	21
1/11/2011	1		29,935		10,177				40,112	17
1/11/2011	3		18,868			1,667			20,535	17
1/11/2011	4		23,935						23,935	17
1/12/2011	2		20,530						20,530	20
2/1/2011	1		20,297					25	20,322	13
2/2/2011	1		24,173						24,173	15
3/30/2011	3		27,928						27,928	46
3/30/2011	4		27,844						27,844	46
3/31/2011	1		41,893						41,893	53
3/31/2011	2		41,893						41,893	53
3/31/2011	3		41,893						41,893	53
5/19/2011	1				49,518				49,518	50
1/10/2012	1		33,711						33,711	28
3/31/2012	1	21,989							21,989	68
3/31/2012	2	21,989							21,989	68
3/31/2012	3	21,989							21,989	68
3/31/2012	4	21,989							21,989	68
4/6/2012	1		25,537						25,537	43
9/4/2012	2				21,603				21,603	77
1/19/2013	1				30,221				30,221	12
7/6/2013	4		20,921						20,921	81
10/1/2013	1				34,187				34,187	71
11/24/2013	4		20,103						20,103	37
12/5/2013	3		74,759					3,864	78,623	15
12/5/2013	4		41,751						41,751	15
12/9/2013	1		26,705						26,705	12
12/10/2013	1		15,419					5,245	20,664	15
12/10/2013	2		24,249						24,249	15
12/17/2013	3		44,968						44,968	21
12/17/2013	4		52,822						52,822	21
12/18/2013	3		27,776						27,776	22
12/18/2013	4		27,776						27,776	22
12/19/2013	1		23,645						23,645	32
12/19/2013	2		22,345						22,345	32
12/20/2013	1		38,645						38,645	25
12/20/2013	2		23,645						23,645	25
12/20/2013	3		23,645						23,645	25
12/20/2013	4		23,645						23,645	25
1/6/2014	3		47,145						47,145	23
1/6/2014	4		47,145						47,145	23
1/7/2014	3		47,145						47,145	26
1/7/2014	4		38,640						38,640	26
2/6/2014	4		23,617						23,617	26
2/25/2014	1				201,885				201,885	52
3/9/2014	4		27,370						27,370	52
8/29/2014	4		23,959						23,959	72
10/9/2014	1				120,099				120,099	65
10/15/2014	2				97,835				97,835	59
11/11/2014	1		30,000						30,000	43
11/13/2014	4		3,362					25,000	28,362	30
11/14/2014	2				63,555				63,555	28
12/25/2014	1		20,812						20,812	38
12/30/2014	1		10,300		129,493				139,793	23
6/18/2015	4		20,771						20,771	78
6/22/2015	4			42,021					42,021	81
6/28/2015	1		21,894						21,894	87
12/11/2015	4							25,840	25,840	47
2/4/2016	1				389,435				389,435	23
2/4/2016	4		20,541						20,541	23
2/28/2016	3		22,820						22,820	51
2/28/2016	4		22,820						22,820	51

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5/2/2016	3		20,000		20,000	57
9/17/2016	1		39,998		39,998	61
10/18/2016	3		1	23,377	23,378	51
10/18/2016	4		1	23,377	23,378	51
10/18/2016	6		1	23,377	23,378	51
10/19/2016	1			29,530	29,530	49
11/16/2016	1		29,999		29,999	59
12/8/2016	6	38,329	8,569		46,898	25
12/19/2016	4	25,101			25,101	21
12/19/2016	6	25,101			25,101	21
1/6/2017	2	26,456			26,456	13
1/6/2017	3	49,079		63,157	112,236	13
1/6/2017	4	60,186		54,635	114,821	13
1/6/2017	6	101,277			101,277	13
5/7/2017	3		22,195		22,195	75
5/7/2017	4	36,206			36,206	75
5/7/2017	6	45,514			45,514	75
6/1/2017	4	21,183			21,183	79
6/2/2017	1	33,893			33,893	76
6/2/2017	2	33,893			33,893	76
6/2/2017	3	33,893			33,893	76
6/2/2017	4	33,893			33,893	76
10/24/2017	3	28,824			28,824	56
10/24/2017	4	28,824			28,824	56
10/24/2017	6	28,824			28,824	56
2/21/2018	3	26,336			26,336	22
2/21/2018	4	25,772	72		25,844	22
2/21/2018	6	29,438	72		29,510	22
2/22/2018	3	24,192			24,192	24