

**Exh. BAE-6
Docket UG-170929
Witness: Betty A. Erdahl**

**BEFORE THE WASHINGTON
UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,**

Complainant,

v.

**CASCADE NATURAL GAS
CORPORATION,**

Respondent.

DOCKET UG-170929

**EXHIBIT TO
TESTIMONY OF**

Betty A. Erdahl

**ON BEHALF OF STAFF OF
WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION**

Cascade's Supplemental Response to UTC Staff Data Request No. 57

February 15, 2018

Cascade Natural Gas Corporation
Washington Utilities and Transportation Commission
WUTC v. Cascade Natural Gas Corporation (2017 General Rate Case)
Docket UG-170929

Request No. 57

Date prepared: 2/7/2018

Preparer: Chris Ryan & Mike Parvinen

Contact: Michael Parvinen

Telephone: 509-734-4593

UTC STAFF DATA REQUEST NO. 57:
RE: INVESTOR SUPPLIED WORKING CAPITAL

- a. Please provide the monthly cash balances in the account shown in Excel File “CNG Exh MPP 2-6 and WP-1 8-31-17” at row 32, tab “Working Capital Work Paper”, for June of 2011 through present.
- b. Please also provide the AMA amount for the years ended December 31st from 2006 through 2016.
- c. Referring to a., above, please provide a detailed explanation for any year wherein the AMA cash balance on December 31st is 10 percent or greater than the year with the lowest cash balance.
- d. Explain why the AMA cash balance is so high in the test year and what this cash was and or will be used for by the company.

Supplemental Response:

See attached file “WUTC-57 Supplemental.xlsx” for response to items a, b, and c.

- d. The cash balance is a derivative of all other balance sheet activity. The cash balance can and will be volatile due to the nature of the day to day operations. Cash is made available for the day to day operations of the business by various means such as long-term debt issuances, line of credit draws, equity infusions, reduced gas costs, etc. Cash can then be used to pay increases in gas cost, inventories, plant investment, other expenses as they arise, etc.

Ledger Type	Year	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
Format	Period	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD	LTD
Currency	Company	11	9	8	7	6	5	4	3	2	1	0
Business Unit	Company	***	***	***	***	***	***	***	***	***	***	***
Business Unit	Company	00047	00047	00047	00047	00047	00047	00047	00047	00047	00047	00047
Business Unit	Company	*	*	*	*	*	*	*	*	*	*	*
A.												
1310 *	Cash											
1310 *	Cash	2,728,680.00	5,503,451.00	48,926.00	953,149.00	126,896.00	2,550.00	3,722,349.00	10,280,008.00	8,681,300.00		
B.	AMA											
12/31/2017		4,463,290.61										
12/31/2016		33,727,222.27										
12/31/2015		53,372,484.40										
12/31/2014		5,779,327.03										
12/31/2013		1,303,192.78										
12/31/2012		39,101,876.23										
12/31/2011		30,869,787.30										
12/31/2010		14,785,742.12										
12/31/2009		1,141,564.39										

Cash balance is a residual balance from the previous two debt issuances to fund capital projects and growth. Also funded 2854% operational expenses during decreased revenue generating months.
 4575% Issued \$25M in debt January 2015 to fund future capital projects and growth.
 406% Issued \$25M in debt November 2014 to fund future capital projects and growth.
 Primarily one month in 2013 (August \$4.6M) possibly to increasing line of credit too much to meet the month's operation needs.
 14% Balance on LOC increased \$10M from July 2013 to August 2013.
 Combination of natural gas refundable to customers (balance was as high as \$29.4M April 2012) and \$46M of debt due within 12 3325% months.
 2604% Largely related to natural gas refundable to customers (balance was up to \$20.1M April 2011).
 1195% Largely related to natural gas refundable to customers (balance was up to \$18.5M December 2010).

D. AMA cash balance during test year was high primarily due to the timing of \$50M debt issued to fund capital projects/growth and also operational expenses during decreased revenue generation months.

Ledger Type	Year	Format	Period	Currency	Company	Business Unit
AA	2017	LTD	3	***	00047	*
AA	2017	LTD	2	***	00047	*
AA	2017	LTD	1	***	00047	*
AA	2016	LTD	12	***	00047	*
AA	2016	LTD	11	***	00047	*
AA	2016	LTD	10	***	00047	*
AA	2016	LTD	9	***	00047	*
AA	2016	LTD	8	***	00047	*
12,496,766.00						
5,056,159.00						
3,554,037.00						
3,539,112.52						
8,440,571.49						
15,883,490.44						
20,012,518.90						
29,727,244.12						

A.
 1310 * Cash
 1310 * Cash

C.

B. AMA
 12/31/2017
 12/31/2016
 12/31/2015
 12/31/2014
 12/31/2013

D. AMA cash balanc
 operational expe

Ledger Type	Year	Format	Period	Currency	Company	Business Unit			
AA	2016	LTD	7	***	00047	*	37,997,660.95		
AA	2016	LTD	6	***	00047	*	45,625,476.76		
AA	2016	LTD	5	***	00047	*	48,951,604.28		
AA	2016	LTD	4	***	00047	*	49,576,190.11		
AA	2016	LTD	3	***	00047	*	52,398,976.44		
AA	2016	LTD	2	***	00047	*	44,807,487.33		
AA	2016	LTD	1	***	00047	*	33,637,701.13		
AA	2015	LTD	12	***	00047	*	31,796,378.11		
AA	2015	LTD	11	***	00047	*	33,127,921.47		
A.									
1310	*	Cash							
1310	*	Cash							
B.									
AMA									
			12/31/2017						
			12/31/2016						
			12/31/2015						
			12/31/2014						
			12/31/2013						
			12/31/2012						
			12/31/2011						
			12/31/2010						
			12/31/2009						
D.									

AMA cash balanc
 operational expe

Ledger Type	Year	Format	Period	Currency	Company	Business Unit
AA	2015	LTD	10	***	00047	*
AA	2015	LTD	9	***	00047	*
AA	2015	LTD	8	***	00047	*
AA	2015	LTD	7	***	00047	*
AA	2015	LTD	6	***	00047	*
AA	2015	LTD	5	***	00047	*
AA	2015	LTD	4	***	00047	*
AA	2015	LTD	3	***	00047	*
AA	2015	LTD	2	***	00047	*

A.
 1310 * Cash 36,867,769.89
 1310 * Cash 42,764,177.01

52,817,098.21
 59,291,281.59
 65,500,449.89
 63,623,784.39
 68,878,363.44
 71,382,837.08
 61,737,335.43

B. AMA
 12/31/2017
 12/31/2016
 12/31/2015
 12/31/2014
 12/31/2013
 12/31/2012
 12/31/2011
 12/31/2010
 12/31/2009

D.
 AMA cash balanc
 operational expe

Ledger Type	Year	Format	Period	Currency	Company	Business Unit			
AA	2015	LTD	1	***	00047	*	55,790,579.37		
AA	2014	LTD	12	***	00047	*	25,580,051.95		
AA	2014	LTD	11	***	00047	*	15,021,257.88		
AA	2014	LTD	10	***	00047	*	228,966.93		
AA	2014	LTD	9	***	00047	*	19,016,986.04		
AA	2014	LTD	8	***	00047	*	50,950.34		
AA	2014	LTD	7	***	00047	*	267,814.93		
AA	2014	LTD	6	***	00047	*	6,373,361.75		
AA	2014	LTD	5	***	00047	*	390,089.17		
A.									
1310 *	Cash								
1310 *	Cash								
B.									
AMA									
	12/31/2017								
	12/31/2016								
	12/31/2015								
	12/31/2014								
	12/31/2013								
	12/31/2012								
	12/31/2011								
	12/31/2010								
	12/31/2009								
D.									
AMA cash balanc									
operational expe									

Ledger Type	Year	Format	Period	Currency	Company	Business Unit				
AA	2014	LTD	4	***	00047	*	523,531.50			
AA	2014	LTD	3	***	00047	*	10,662,789.35			
AA	2014	LTD	2	***	00047	*	2,011,308.96			
AA	2014	LTD	1	***	00047	*	1,003,615.19			
AA	2013	LTD	12	***	00047	*	2,022,452.76			
AA	2013	LTD	11	***	00047	*	-			
AA	2013	LTD	10	***	00047	*	603,146.47			
AA	2013	LTD	9	***	00047	*	1,597,427.73			
AA	2013	LTD	8	***	00047	*	4,647,423.70			
A.										
1310 * Cash										
1310 * Cash										
B.										
AMA										
12/31/2017										
12/31/2016										
12/31/2015										
12/31/2014										
12/31/2013										
12/31/2012										
12/31/2011										
12/31/2010										
12/31/2009										
D.										
AMA cash balanc										
operational expe										

Ledger Type	Year	Format	Period	Currency	Company	Business Unit
AA	2013	LTD	7	***	00047	*
AA	2013	LTD	6	***	00047	*
AA	2013	LTD	5	***	00047	*
AA	2013	LTD	4	***	00047	*
AA	2013	LTD	3	***	00047	*
AA	2013	LTD	2	***	00047	*
AA	2013	LTD	1	***	00047	*
AA	2012	LTD	12	***	00047	*
AA	2012	LTD	11	***	00047	*

A.	1310 *	Cash	-	1,395,535.24	1,091,913.24	-	1,303,483.19	1,286,025.11	2,492,715.48	418,833.71	6,832,393.04
	1310 *	Cash									
B.	AMA										
			12/31/2017								
			12/31/2016								
			12/31/2015								
			12/31/2014								
			12/31/2013								
			12/31/2012								
			12/31/2011								
			12/31/2010								
			12/31/2009								

D. AMA cash balance
 operational expe

Ledger Type	Year	Format	Period	Currency	Company	Business Unit			
AA	2012	LTD	10	***	00047	*	10,159,284.96		
AA	2012	LTD	9	***	00047	*	28,076,571.99		
AA	2012	LTD	8	***	00047	*	50,202,995.08		
AA	2012	LTD	7	***	00047	*	53,860,428.49		
AA	2012	LTD	6	***	00047	*	58,153,848.48		
AA	2012	LTD	5	***	00047	*	58,129,956.69		
AA	2012	LTD	4	***	00047	*	53,992,573.68		
AA	2012	LTD	3	***	00047	*	53,012,992.41		
AA	2012	LTD	2	***	00047	*	46,706,753.95		
A.									
1310	*	Cash							
1310	*	Cash							
B.									
AMA									
			12/31/2017						
			12/31/2016						
			12/31/2015						
			12/31/2014						
			12/31/2013						
			12/31/2012						
			12/31/2011						
			12/31/2010						
			12/31/2009						
D.									

AMA cash balanc
 operational expe

Ledger Type	Year	Format	Period	Currency	Company	Business Unit
AA	2012	LTD	1	***	00047	*
AA	2011	LTD	12	***	00047	*
AA	2011	LTD	11	***	00047	*
AA	2011	LTD	10	***	00047	*
AA	2011	LTD	9	***	00047	*
AA	2011	LTD	8	***	00047	*
AA	2011	LTD	7	***	00047	*
AA	2011	LTD	6	***	00047	*
AA	2011	LTD	5	***	00047	*

A.
 1310 * Cash 35,370,307.75
 1310 * Cash 29,029,982.78

21,989,738.80
 21,666,108.19
 31,997,078.61
 38,959,562.54
 40,331,411.09
 42,946,505.17
 37,880,079.56

B. AMA
 12/31/2017
 12/31/2016
 12/31/2015
 12/31/2014
 12/31/2013
 12/31/2012
 12/31/2011
 12/31/2010
 12/31/2009

D.
 AMA cash balanc
 operational expe

Ledger Type	Year	Format	Period	Currency	Company	Business Unit
AA	2011	LTD	4	***	00047	*
AA	2011	LTD	3	***	00047	*
AA	2011	LTD	2	***	00047	*
AA	2011	LTD	1	***	00047	*
AA	2010	LTD	12	***	00047	*
AA	2010	LTD	11	***	00047	*
AA	2010	LTD	10	***	00047	*
AA	2010	LTD	9	***	00047	*
AA	2010	LTD	8	***	00047	*

A.	1310 *	Cash	36,197,722.80			
	1310 *	Cash	33,080,308.72	25,851,586.66	17,305,698.51	15,433,311.05
				6,556,827.73	7,138,399.13	14,869,807.01
						20,567,241.39

B.	AMA	12/31/2017				
		12/31/2016				
		12/31/2015				
		12/31/2014				
		12/31/2013				
		12/31/2012				
		12/31/2011				
		12/31/2010				
		12/31/2009				

D.	AMA cash balanc					
	operational expe					

Ledger Type	Year	Format	Period	Currency	Company	Business Unit
AA	2010	LTD	7	***	00047	*
AA	2010	LTD	6	***	00047	*
AA	2010	LTD	5	***	00047	*
AA	2010	LTD	4	***	00047	*
AA	2010	LTD	3	***	00047	*
AA	2010	LTD	2	***	00047	*
AA	2010	LTD	1	***	00047	*
AA	2009	LTD	12	***	00047	*
AA	2009	LTD	11	***	00047	*

A.
 1310 * Cash 20,410,974.87
 1310 * Cash 23,128,339.57
 20,859,221.63
 15,046,314.01
 18,861,033.15
 12,096,594.33
 9,128,245.09
 2,098,503.92
 6,488,462.23

B. AMA
 12/31/2017
 12/31/2016
 12/31/2015
 12/31/2014
 12/31/2013
 12/31/2012
 12/31/2011
 12/31/2010
 12/31/2009

D.
 AMA cash balanc
 operational expe

Ledger Type	Year	Format	Period	Currency	Company	Business Unit
AA	2009	LTD	10	***	00047	*
AA	2009	LTD	9	***	00047	*
AA	2009	LTD	8	***	00047	*
AA	2009	LTD	7	***	00047	*
AA	2009	LTD	6	***	00047	*
AA	2009	LTD	5	***	00047	*
AA	2009	LTD	4	***	00047	*
AA	2009	LTD	3	***	00047	*
AA	2009	LTD	2	***	00047	*

A.	1310 *	Cash	3,569,430.87			
	1310 *	Cash	340,557.30	429,712.81	(634,138.17)	630,817.56
						1,012,403.68
						803,230.86
						1,622,843.13
						(995,358.51)

B.	AMA	12/31/2017				
		12/31/2016				
		12/31/2015				
		12/31/2014				
		12/31/2013				
		12/31/2012				
		12/31/2011				
		12/31/2010				
		12/31/2009				

D.	AMA cash balanc					
	operational expe					

	Ledger Type	Year	Format	Period	Currency	Company	Business Unit
A.	1310 *	2009	LTD	1	***	00047	*
	1310 * Cash	2008	LTD	12	***	00047	*
						(879,926.28)	502,970.43
B.	AMA						
		12/31/2017					
		12/31/2016					
		12/31/2015					
		12/31/2014					
		12/31/2013					
D.		12/31/2012					
		12/31/2011					
		12/31/2010					
		12/31/2009					
	AMA cash balance						
	operational expe						