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a partnership including a professional association

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FILE COPY**

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January 17, 1995

Blanca S. Bayo, Director  
Division of Records and Reporting  
Florida Public Service Commission  
101 East Gaines Street  
Tallahassee, Florida 32399-0850

**HAND DELIVERY**

RE: Docket No. 950003-GU  
Purchased Gas Adjustment (PGA)

Dear Ms. Bayo:

Enclosed for filing in the above docket on behalf of Chesapeake Utilities Corporation are an original and fifteen copies of the following:

- DD 509-95 1. Petition for Approval of Chesapeake Utilities Corporation's Purchased Gas Adjustment Factor;
- DOS 10-95 { 2. Direct Testimony of Anne V. Wood;
3. Exhibit AMV-2: Purchased Gas Projection Filing (April, 1995 - March, 1996); and
4. our Certificate of Service.

Please acknowledge receipt of the foregoing by stamping the enclosed extra copy of this letter and returning same to my attention. Thank you for your assistance.

Sincerely,

*Wayne L Schiefelbein*  
Wayne L. Schiefelbein

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Enclosures

SEARCHED INDEXED

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1/17/95 J.D.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Purchased Gas Adjustment ) Docket No. 950003-GU  
(PGA) True-up ) Filed: January 17, 1995

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the Petition for Approval of Chesapeake Utilities Corporation's Purchased Gas Adjustment Factor, the Direct Testimony of Anne V. Wood and Exhibit AVW-2, have been furnished on this 17th day of January, 1995 by hand-delivery to ROBERT V. ELIAS, ESQ., Division of Legal Services, Florida Public Service Commission, 101 East Gaines Street, Tallahassee, Florida 32399-0863, and by regular U.S. Mail to the following:

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Attorneys for Chesapeake Utilities  
Corporation

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Purchased Gas Adjustment )  
(PGA) True-up ) DOCKET NO. 950003-GU

DIRECT TESTIMONY OF ANNE V. WOOD

On Behalf of Florida Division  
Chesapeake Utilities Corporation

Submitted for filing: January 17, 1995

DOCUMENT NUMBER-DATE

00510 JAN 17 1995

FPSC-RECORDS/REPORTING

1 Q. Please state your name, occupation, and business  
2 address.

3 A. My name is Anne V. Wood. I am Accounting and Rates  
4 Manager of the Florida Division of Chesapeake  
5 Utilities Corporation. My business address is 1015  
6 6th Street, N. W., Winter Haven, Florida 33882.

7 Q. Describe briefly your educational background and  
8 relevant professional background.

9 A. I have a Bachelor of Arts Degree in Business  
10 Administration/Accounting from Franklin and Marshall  
11 College, Lancaster, Pennsylvania. I am also a  
12 licensed Certified Public Accountant in New Jersey but  
13 am inactive at this time. I was employed by  
14 Chesapeake Utilities in March of 1988 as a Corporate  
15 Accountant. In September 1989, I was promoted to the  
16 position of Accounting Manager for the Florida  
17 Division. In January 1993, I also assumed the  
18 responsibilities of Rates Manager.

19 Q. What is the purpose of your testimony?

20 A. The purpose of my testimony is to discuss the Florida  
21 Division's calculation of its leveled purchased gas  
22 cost factors for the twelve-month period April 1995  
23 through March 1996.

24 Exhibits

25 Q. Would you please identify the Composite Exhibit which

1           you are sponsoring with this testimony?

2   A. Yes. As Composite Exhibit AMV-2, I am sponsoring the  
3       following schedules with respect to the April 1995  
4       through March 1996 levelized purchased gas cost factor  
5       projection:

6           E-1 - PGA Calculation, Original Estimate for the  
7       Projected Period April 1995 - March 1996. (Total  
8       Company)

9           E-1 - PGA Calculation, Original Estimate for the  
10      Projected Period April 1995 - March 1996 (Firm Sales  
11      Customers)

12          E-1 - PGA Calculation, Original Estimate for the  
13       Projected Period April 1995 - March 1996  
14       (Interruptible Sales Customers)

15          E-1/R - PGA Calculation, Revised Estimate for the  
16       Period April 1994 - March 1995 (Total Company)

17          E-1/R - PGA Calculation, Revised Estimate for the  
18       Period April 1994 - March 1995 (Allocated Firm)

19          E-1/R - PGA Calculation, Revised Estimate for the  
20       Period April 1994 - March 1995 (Allocated  
21       Interruptible)

22          E-2 - Calculation of True-up Amount for the  
23       Current Period April 1994 - March 1995

24          E-3 - Transportation Purchases for the Projected  
25       Period April 1995 - March 1996

1                   E-4 - Calculation of True-up Amount, Projected  
2                   Period April 1995 - March 1996

3                   E-5 - Therm Sales and Customer Data for the  
4                   Projected Period April 1995 - March 1996

5   Q.   Were these schedules prepared under your direction and  
6                   supervision?

7   A.   Yes, they were.

8                   Revised Estimate April 1994 - March 1995

9   Q.   What is the revised estimate of total purchased gas  
10                  costs for the period April 1994 - March 1995?

11   A.   The revised projection of purchased gas cost for the  
12                  current period is \$8,018,973.

13   Q.   What is the revised projection of gas revenue to be  
14                  collected for the current period?

15   A.   As shown on Schedule E-2 the company estimates the  
16                  total gas revenue to be collected during the period to  
17                  be \$8,142,813. This amount includes a refund of prior  
18                  period overcollections in the amount of \$86,944.  
19                  Therefore, the revenue collected to cover the current  
20                  period's gas cost is estimated to be \$8,229,757.

21   Q.   What is the revised true-up amount, including  
22                  interest, estimated for the April 1994 - March 1995  
23                  period?

24   A.   The company estimates the revised true-up, including  
25                  interest, to be an overcollection of \$254,409.

1    April 1995 - March 1996 Projection

2     Q.    How did you develop your projection of the Florida  
3    Division's cost of gas for the April 1995 - March 1996  
4    period?

5     A.    Our first step was to estimate our supply requirements  
6    for each of the twelve months in the period. Our  
7    projected supply requirements are based on our  
8    projected sales and company use for each month. Once  
9    we develop our supply requirements, we can then  
10   determine how these requirements will be met. In  
11    other words, we match our estimated requirements with  
12    the gas supply that is available to us. All of our  
13    gas requirements will be met utilizing our "FTS" (firm  
14    transportation service) contract entitlement for the  
15    projected period of April 1995 - March 1996.

16    Q.    Please describe the general steps or mechanics of  
17    projecting the total cost of gas for the April 1995 -  
18    March 1996 period.

19    A.    As shown on Schedule E-1 (Total Company) lines 1 - 11,  
20    the total cost of gas consists of the cost of no-  
21    notice transportation service (NNTS) on FGT, the  
22    demand and commodity costs of firm transportation  
23    service (FTS) on FGT, and the commodity cost of gas  
24    estimated to be paid to our suppliers during the  
25    period.

1                   The demand component of "NNTS" and "FTS" services  
2                   (lines 2 and 5) is based on the Florida Division's  
3                   contract levels with FGT and an estimation of FGT's  
4                   demand rates for these two services. The demand rates  
5                   utilized for NNTS and FTS-1 service for the months of  
6                   April 1995 through June 1995 are the current rates in  
7                   effect. The rates utilized for July 1995 through  
8                   March 1996 are the rates proposed by FGT in its rate  
9                   case filed December 30, 1994. The demand rate  
10                  utilized for FTS-2 service is FGT's Phase III demand  
11                  rate estimated to be in effect February 1995. During  
12                  the period of April 1995 - March 1996, our "FTS"  
13                  contract entitlement exceeds our monthly gas  
14                  requirements. Therefore, we will be paying demand  
15                  charges in excess of the volumes actually transported  
16                  for system supply. Whenever possible, the Florida  
17                  Division will relinquish excess capacity in order to  
18                  lower its gas cost to its ratepayers.

19                  The commodity portions of transportation system  
20                  supply are shown on Schedule E-1, lines 1 and 4. The  
21                  commodity pipeline amount (line 1) is based on FGT's  
22                  "FTS" commodity rate multiplied by the number of  
23                  therms transported for system supply. The commodity  
24                  rate utilized for the months of April 1995 through  
25                  June 1995 is the current rate in effect. The rate

1 utilized for the months of July 1995 through March  
2 1996 is the rate proposed by FGT in its current rate  
3 case.

4 The commodity other (line 4) is based on data  
5 shown on Schedule E-3 which details our projected  
6 direct supplier and/or producer purchases for the  
7 twelve-month period. We projected the "FTS" commodity  
8 cost on line 4 using a combination of analyses. We  
9 analyzed the 1993 and 1994 monthly prices of natural  
10 gas delivered to FGT by zone as reported in Inside  
11 FERC Gas Market Report. We also reviewed the recent  
12 NYMEX postings for the twelve months ended December  
13 1995. Since August 1994, natural gas prices have been  
14 substantially lower than previous periods. Recent  
15 NYMEX postings indicate that this trend may continue.  
16 However, we believe that gas prices could quickly  
17 return to more "normal" prices in the next year. As  
18 a result, for the purpose of establishing the annual  
19 purchased gas factor, we have estimated the index  
20 price of gas to be slightly higher than the average of  
21 actual 1993 and 1994 prices. To this average, we  
22 added our suppliers' estimated margin.

23 Q. How did you project total firm and interruptible  
24 sales?

25 A. Firm sales were projected based on historical averages

- 12 sales, what is the system-wide average cost per  
13 for the twelve-month period ended March 1996?
- 14 A. This figure is shown on Schedule E-1 (Total Company),  
15 line 40, and is 31.163 cents per therm. To arrive at  
16 the total PGA factor, the 31.163 cents per therm is  
17 adjusted for the estimated total true-up through March  
18 1995 (shown on Schedule E-4) and for revenue-related  
19 taxes.
- 20 Q. What is the system-wide projected PGA factor for the  
21 period April 1995 - March 1996?
- 22 A. The projected system-wide PGA factor for the period is  
23 30.397 cents per therm.
- 24 Q. The estimated total true-up for the twelve months  
25 ended March 1995 as calculated on Schedule E-4 is

8

- 
- 1 included in the projected PGA factor for the period  
2 April 1995 - March 1996. Please explain how it was  
3 calculated.
- 4 A. The final true-up amount for the period October 1993 -  
5 March 1994 is added to the estimated end of period net  
6 true-up for April 1994 - March 1995. The April 1994 -  
7 March 1995 estimated true-up is based on eight months'  
8 actual data plus four months' projected data.
- 9 Q. What is the impact of the total true-up for the twelve  
10 months ended March 31, 1995 on the projected PGA  
11 factor for the April 1995 - March 1996 period?
- 12 A. The projected true-up as of March 31, 1995 is an  
13 overrecovery of \$471,634 (Schedule E-4). Dividing the  
14 overrecovery by the April 1995 - March 1996 projected  
15 therm sales of 35,303,930 results in a refund of 1.336  
16 cents per therm to be included in the proposed PGA  
17 factor.
- 18 Q. What is the maximum levelized purchased gas factor  
19 (cap) that you are proposing for the April 1995 -  
20 March 1996 period?
- 21 A. The maximum levelized purchased gas factor (cap) that  
22 we are proposing for the period is 37.675 cents per  
23 therm. This factor represents the projected firm  
24 "winter" average cost of gas, plus the true-up and  
25 taxes. Allocation of demand and commodity costs

9

1       between firm and interruptible rate classes results in  
2       projected PGA factors for the twelve-month period,  
3       including true-up and taxes, of 35.289 cents per therm  
4       and 26.033 cents per therm for firm and interruptible  
5       classes, respectively, for the period. However, since  
6       the Company historically has experienced higher gas  
7       costs during the winter months, the Company has  
8       calculated a firm "winter" average cost of gas for the  
9       months of October 1995 through March 1996 for the  
10      purposes of establishing the maximum leveled  
11      purchased gas cost factor (cap). This methodology  
12      will allow us to minimize large underrecoveries during  
13      the winter months, but allow us to flex downward in  
14      the summer months in order to match current market  
15      conditions and manage overrecoveries as well.

16      Q.     Does this conclude your testimony?

17      A.     Yes, it does.

**CHESAPEAKE UTILITIES CORPORATION**

**FLORIDA DIVISION**

**APRIL 1995 -- MARCH 1996**

**PURCHASED GAS PROJECTION FILING**

**EXHIBIT AVW-2**







COMPANY: CHESAPEAKE UTILITIES CORPORATION  
 TOTAL COMPANY  
 REVISED ESTIMATE FOR THE PROJECTED PERIOD:

PURCHASED GAS ADJUSTMENT  
 COST RECOVERY CLAUSE CALCULATION  
 APRIL 94 Through MARCH 95

SCHEDULE E-1/R  
 EXHIBIT NO \_\_\_\_\_  
 DOCKET NO S30003-GU  
 CHESAPEAKE UTILITIES CORP  
 AVW-2  
 PAGE 4 OF 10

COST OF GAS PURCHASED	ACTUAL											REVISED PROJECTION			
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR			
1 COMMODITY (Pipeline)	25,271	30,556	17,724	15,494	16,200	15,697	20,753	30,963	36,159	26,400	23,948	23,412	264,578		
2 NO NOTICE SERVICE	2,082	2,151	2,082	2,111	2,151	2,082	2,151	2,082	3,580	6,002	5,422	4,731	36,666		
3 SWING SERVICE	0	(3,616)	0	9,140	(82)	0	773	(1,248)	0	0	0	0	4,967		
4 COMMODITY (Other)	242,907	239,701	499,307	496,622	427,389	410,439	465,722	594,074	615,587	620,116	567,796	620,436	5,600,058		
5 DEMAND	195,653	126,206	124,955	98,320	104,149	115,498	134,270	153,200	145,477	156,495	261,979	297,475	1,913,677		
6 OTHER	126	(2,077)	(4,069)	(5,411)	(2,115)	(5,602)	(961)	(3,489)	646	646	646	646	(21,014)		
<b>LESS END-USE CONTRACT</b>															
7 COMMODITY (Pipeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL COST (1+2+3+4+5+6)-(7+8+9+10)	466,039	392,921	639,999	616,316	547,692	538,114	622,708	775,582	803,449	809,659	859,793	946,701	6,018,972		
12 NET UNBILLED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13 COMPANY USE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14 TOTAL THERM SALES	877,021	794,623	717,632	470,390	525,618	536,284	583,323	645,704	696,604	702,814	752,948	839,852	8,142,812		
<b>THERMS PURCHASED</b>															
15 COMMODITY (Pipeline)	BILLING DETERMINANTS ONLY	2,544,850	2,749,200	2,465,060	2,154,880	2,252,140	2,183,120	2,894,400	3,366,190	3,321,020	3,682,050	3,339,990	3,265,450	34,218,350	
16 NO NOTICE SERVICE	BILLING DETERMINANTS ONLY	300,000	310,000	300,000	310,000	310,000	300,000	310,000	300,000	515,840	864,900	781,200	661,690	5,263,630	
17 SWING SERVICE	COMMODITY	(25,540)	0	34,080	0	0	32,710	(1,423)	0	0	0	0	0	39,827	
18 COMMODITY (Other)	COMMODITY	1,249,612	2,838,439	2,656,942	2,493,311	2,345,684	2,005,271	3,092,569	3,468,527	3,321,020	3,682,050	3,339,990	3,265,450	34,358,865	
19 DEMAND	BILLING DETERMINANTS ONLY	4,517,500	1,914,020	2,885,140	2,270,150	2,404,730	2,666,780	3,070,070	3,568,790	3,358,900	3,613,360	4,566,800	5,227,530	40,061,860	
20 OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LESS END-USE CONTRACT</b>															
21 COMMODITY (Pipeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL PURCHASES (+17+18+20)-(21+23)	1,249,612	2,812,899	2,656,942	2,527,391	2,345,684	2,605,271	3,125,279	3,467,104	3,321,020	3,682,050	3,339,990	3,265,450	34,356,862		
25 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 COMPANY USE	1,118	1,096	1,176	1,296	1,296	1,259	1,301	1,128	1,200	1,200	1,200	1,200	14,470		
27 TOTAL THERM SALES	2,814,388	2,782,680	2,931,024	2,480,978	2,682,022	2,737,289	3,035,999	3,512,257	3,509,080	3,629,720	3,338,790	3,264,250	36,718,477		
<b>CENTS PER THERM</b>															
28 COMMODITY (Pipeline)	(1/15)	0.993	1.111	0.719	0.719	0.719	0.719	0.717	0.920	1.149	0.717	0.717	0.717	0.832	
29 NO NOTICE SERVICE	(2/16)	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	
30 SWING SERVICE	(3/17)	0.000	14.158	0.000	26.819	0.000	0.000	2.363	87.702	0.000	0.000	0.000	0.000	12.471	
31 COMMODITY (Other)	(4/18)	19.439	8.445	18.793	19.918	18.220	15.754	15.059	17.128	18.536	16.842	17.000	19.000	16.881	
32 DEMAND	(5/19)	4.331	6.594	4.331	4.331	4.331	4.331	4.374	4.295	4.331	4.331	5.737	5.691	4.777	
33 OTHER	(6/20)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
<b>LESS END-USE CONTRACT</b>															
34 COMMODITY Pipeline	(7/21)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
35 DEMAND	(8/22)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
36	(9/23)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
37 TOTAL COST	(11/24)	37,295	13,969	24,068	24,385	23,349	20,655	19,925	22,370	24,193	21,989	25,742	28,991	23,312	
38 NET UNBILLED	(12/25)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
39 COMPANY USE	(13/26)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
40 TOTAL THERM SALES	(11/27)	16,559	14,120	21,835	24,642	20,421	19,659	20,511	22,082	22,896	22,306	25,752	29,002	21,839	
41 TRUE-UP	(E-2)	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	
42 TOTAL COST OF GAS	(40+41)	16,261	13,822	21,537	24,544	20,123	19,361	20,213	21,784	22,596	22,008	25,454	28,704	21,541	
43 REVENUE TAX FACTOR	1.019110	1.019110	1.019110	1.019110	1.019110	1.019110	1.019110	1.019110	1.019110	1.019110	1.019110	1.019110	1.019110	1.019110	
44 PGA FACTOR ADJUSTED FOR TAXES (42x43)	16.572	14.066	21.949	25.013	20.507	19.731	20.599	22.200	23.030	22.429	25.940	29.250	21.953		
45 PGA FACTOR ROUNDED TO NEAREST .001	16.572	14.066	21.949	25.013	20.507	19.731	20.599	22.200	23.030	22.429	25.940	29.250	21.953		

COMPANY: CHESAPEAKE UTILITIES CORPORATION  
 ALLOCATED FIRM  
 REVISED ESTIMATE FOR THE PROJECTED PERIOD:

PURCHASED GAS ADJUSTMENT  
 COST RECOVERY CLAUSE CALCULATION  
 APRIL 94 Through MARCH 95

SCHEDULE E-1/R  
 EXHIBIT NO.  
 DOCKET NO. 950001-GU  
 CHESAPEAKE UTILITIES CORP.  
 AVW-2 PAGE 5 OF 10

COST OF GAS PURCHASED	ACTUAL											REVISED PROJECTION				
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL			
1 COMMODITY (Pipeline)	11,612	12,554	6,964	5,972	6,229	6,220	8,243	11,258	21,160	13,405	12,609	10,330	126,555			
2 NO NOTICE SERVICE	957	884	818	829	827	825	854	757	1,985	3,048	2,854	2,047	16,726			
3 SWING SERVICE	0	(1,486)	0	3,523	(321)	0	307	(454)	0	0	0	0	1,858			
4 COMMODITY (Other)	111,613	98,484	196,184	191,404	164,338	162,636	184,978	216,009	341,364	314,878	298,148	273,731	2,554,572			
5 DEMAND	146,740	80,772	79,971	74,723	79,153	69,299	134,270	153,200	142,560	156,495	209,583	237,960	1,564,755			
6 OTHER	58	(853)	(1,599)	(2,085)	(813)	(2,220)	(382)	(1,269)	358	328	340	285	(7,852)			
<b>LESS END-USE CONTRACT</b>																
7 COMMODITY (Pipeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11 TOTAL COST (1+2+3+4+5+6)-(7+8+9+10)	270,960	190,355	282,342	274,366	249,702	236,760	328,270	379,501	507,436	488,154	524,335	524,413	4,256,614			
12 NET UNBILLED	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
13 COMPANY USE	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
14 TOTAL THERM SALES	445,166	349,329	310,798	205,918	223,964	228,893	341,835	305,912	451,416	432,133	467,771	467,836	4,231,001			
<b>THERMS PURCHASED</b>																
15 COMMODITY (Pipeline)	BILLING DETERMINANTS ONLY	1,169,333	1,129,536	968,571	830,518	865,983	865,058	1,149,813	1,223,989	1,841,508	1,889,745	1,759,087	1,441,362	15,114,281		
16 NO NOTICE SERVICE	BILLING DETERMINANTS ONLY	137,847	127,367	117,876	119,478	119,200	118,875	123,127	109,082	286,033	439,196	411,305	300,756	2,410,142		
17 SWING SERVICE	COMMODITY	0	(10,493)	0	13,135	0	0	12,992	(517)	0	0	0	0	15,117		
18 COMMODITY (Other)	COMMODITY	574,184	1,166,201	1,043,966	960,953	901,952	1,032,335	1,228,323	1,261,179	1,841,508	1,889,745	1,759,087	1,441,362	15,080,793		
19 DEMAND	BILLING DETERMINANTS ONLY	3,368,125	1,864,973	1,846,490	1,725,314	1,827,595	1,600,068	3,070,070	3,566,790	3,291,810	3,613,360	3,653,440	4,182,024	33,630,059		
20 OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>LESS END-USE CONTRACT</b>																
21 COMMODITY (Pipeline)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24 TOTAL PURCHASES (17+18+20)-(21+23)	574,184	1,155,708	1,043,966	974,088	901,952	1,032,335	1,241,315	1,260,662	1,841,508	1,889,745	1,759,087	1,441,362	15,095,910			
25 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 COMPANY USE	1,118	1,096	1,176	1,296	1,296	1,259	1,301	1,128	1,200	1,200	1,200	1,200	1,200	14,470		
27 TOTAL THERM SALES	1,293,184	1,143,279	1,151,657	956,200	1,031,279	1,084,647	1,205,854	1,277,080	1,945,370	1,842,480	1,757,887	1,440,162	16,129,079			
<b>CENTS PER THERM</b>																
28 COMMODITY (Pipeline)	(1/15)	0.993	1.111	0.719	0.719	0.719	0.719	0.717	0.920	1.149	0.717	0.717	0.717	0.837		
29 NO NOTICE SERVICE	(2/16)	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694		
30 SWING SERVICE	(3/17)	0.000	14,162	0.000	26,821	0.000	0.000	2,363	87,814	0.000	0.000	0.000	0.000	12,291		
31 COMMODITY (Other)	(4/18)	19,439	8,445	18,793	19,918	18,220	15,754	15,059	17,128	18,537	16,841	16,995	18,991	16,939		
32 DEMAND	(5/19)	4,331	4,331	4,331	4,331	4,331	4,331	4,374	4,295	4,331	4,331	5,737	5,691	4,653		
33 OTHER	(6/20)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
<b>LESS END-USE CONTRACT</b>																
34 COMMODITY Pipeline	(7/21)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35 DEMAND	(8/22)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36	(9/23)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37 TOTAL COST	(11/24)	47,194	16,471	27,045	28,166	27,685	22,934	26,445	30,103	27,555	29,108	29,807	36,383	28,197		
38 NET UNBILLED	(12/25)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39 COMPANY USE	(13/26)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40 TOTAL THERM SALES	(11/27)	20,954	16,650	24,516	28,693	24,213	21,828	27,223	29,716	26,064	26,494	29,878	36,411	26,391		
41 TRUE-UP	(E-2)	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	0.298	0.298	0.298	0.298
42 TOTAL COST OF GAS	(40+41)	20,656	16,352	24,218	28,395	23,915	21,530	26,925	29,418	25,786	26,196	29,530	36,115	26,093		
43 REVENUE TAX FACTOR	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110	1,019,110
44 PGA FACTOR ADJUSTED FOR TAXES (42x43)	21,051	16,664	24,681	28,938	24,372	21,942	27,440	29,980	25,279	26,097	30,094	34,876	26,592			
45 PGA FACTOR ROUNDED TO NEAREST 001	21,051	16,664	24,681	28,938	24,372	21,942	27,440	29,980	25,279	26,097	30,094	34,876	26,592			

COMPANY: CHESAPEAKE UTILITIES CORPORATION  
ALLOCATED INTERRUPTIBLE  
REVISED ESTIMATE FOR THE PROJECTED PERIOD

PURCHASED GAS ADJUSTMENT  
COST RECOVERY CLAUSE CALCULATION  
APRIL 24 Through MARCH 95

COST OF GAS PURCHASED	ACTUAL												REVISED PROJECTION											
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL											
1 COMMODITY (Pwrm)	13,659	18,002	10,760	9,522	9,971	5,477	12,510	19,705	12,990	11,339	1,064	155,023												
2 NO NOTICE SERVICE	1,125	1,267	1,264	1,322	1,324	1,257	1,297	1,325	1,595	2,954	2,567	1,064												
3 SWING SERVICE	0	(2,130)	0	5,617	(50)	0	466	(794)	0	0	0	0	2,109											
4 COMMODITY (Drw)	131,294	141,217	303,119	305,228	263,051	247,863	280,744	378,065	274,223	305,228	268,650	346,702	2,425,526											
5 DEMAND	48,913	45,434	44,964	27,567	24,966	46,199	0	0	2,904	0	52,306	59,295	348,922											
6 OTHER	68	(1,224)	(2,470)	(3,226)	(1,302)	(1,342)	(579)	(2,220)	284	318	306	361	(13,162)											
LESS END-USE CONTRACT																								
7 COMMODITY (Pwrm)	0	0	0	0	0	0	0	0	0	0	0	0	0											
8 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0											
9																								
10 TOTAL COST (1+2+3+4+5+6) (7+8+9+10)	195,059	202,566	357,957	341,950	297,990	301,254	294,430	306,081	286,013	321,505	325,458	422,287	3,762,246											
11 TOTAL COST (1+2+3+4+5+6) (7+8+9+10)	N/A																							
12 NET UNBILLED	N/A																							
13 COMPANY USE	N/A																							
14 TOTAL THERM SALES	431,855	445,294	408,834	284,472	301,624	307,391	241,480	330,792	245,188	270,681	205,177	372,015	3,911,811											
COST OF GAS PURCHASED																								
15 COMMODITY (Pwrm)	1,375,517	1,619,604	1,498,469	1,324,362	1,386,152	1,318,082	1,744,787	2,142,221	1,479,514	1,812,305	1,580,903	1,624,060	19,104,069											
16 BILLING DETERMINANTS ONLY	162,153	182,633	182,124	190,522	181,125	186,873	190,918	229,807	425,704	368,895	360,574	2,873,488												
17 COMMODITY	0	(15,047)	0	20,945	0	0	19,718	(906)	0	0	0	0	24,710											
18 COMMODITY (Drw)	675,428	1,672,238	1,612,976	1,532,268	1,443,732	1,572,938	1,864,246	2,203,348	1,479,514	1,812,305	1,580,903	1,824,068	19,278,072											
19 DEMAND	1,129,375	49,047	1,038,650	544,838	577,135	1,068,712	0	0	67,180	0	913,360	1,045,506	6,431,801											
20 OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0											
LESS END-USE CONTRACT																								
21 COMMODITY (Pwrm)	0	0	0	0	0	0	0	0	0	0	0	0	0											
22 DEMAND	0	0	0	0	0	0	0	0	0	0	0	0	0											
23																								
24 TOTAL PURCHASES (1+17+18+20)+(21+22)	675,428	1,657,191	1,612,976	1,533,323	1,443,732	1,572,938	1,863,964	2,206,442	1,479,514	1,812,305	1,580,903	1,624,068	19,302,762											
25 NET UNBILLED	0	0	0	0	0	0	0	0	0	0	0	0	0											
26 COMPANY USE	0	0	0	0	0	0	0	0	0	0	0	0	0											
27 TOTAL THERM SALES	1,521,204	1,639,401	1,779,367	1,524,718	1,650,743	1,652,642	1,830,145	2,295,177	1,563,710	1,787,240	1,580,903	1,624,068	20,580,266											
CENTS PER THERM																								
28 COMMODITY (Pwrm)	0.993	1.111	0.719	0.719	0.719	0.719	0.920	1.149	0.920	1.149	0.920	0.717	0.627											
29 NO NOTICE SERVICE	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694	0.694											
30 SWING SERVICE	0.000	14,156	0.000	26,818	0.000	0.000	2,363	87,638	0.000	0.000	0.000	0.000	12,562											
31 COMMODITY (Drw)	19,439	8,445	18,703	19,918	18,220	15,754	15,059	17,128	18,535	18,843	17,006	19,007	16,835											
32 DEMAND	4,331	92,634	4,331	4,331	4,331	0.000	0.000	4,330	0.000	5,737	5,691	5,425												
33 OTHER	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000											
34 COMMODITY Pwrm	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000											
35 DEMAND	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000											
36																								
37 TOTAL COST	28,879	12,223	22,174	22,014	20,840	19,159	15,629	17,951	20,007	17,740	21,219	23,151	19,491											
38 NET UNBILLED	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000											
39 COMPANY USE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000											
40 TOTAL THERM SALES	12,623	12,356	20,100	22,426	18,052	18,235	16,068	17,720	18,930	17,949	21,219	23,151	18,273											
41 TRUE-UP	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	-0.298	0.298											
42 TOTAL COST OF GAS	12,525	12,054	19,802	22,126	17,754	15,790	17,422	18,632	17,691	20,921	22,813	17,975												
43 REVENUE TAX FACTOR	0.019110	0.019110	0.019110	0.019110	0.019110	0.019110	0.019110	0.019110	0.019110	0.019110	0.019110	0.019110	0.019110											
44 POA FACTOR ADJUSTED FOR TAXES (42x43)	12,764	12,289	20,181	22,551	18,093	18,279	16,092	17,755	18,908	18,029	21,321	21,319												
45 POA FACTOR ROUNDED TO NEAREST 001	12,764	12,289	20,181	22,551	18,093	18,279	16,092	17,755	18,908	18,029	21,321	21,319												

## CALCULATION OF TRUE-UP AMOUNT

FOR THE CURRENT PERIOD:

APRIL 30

Through

MARCH 31

March

	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL PERIOD
<b>TRUE-UP CALCULATION</b>													
1 PURCHASED GAS COST	213,553	226,732	499,277	506,427	427,653	411,065	407,141	593,472	616,233	620,782	568,444	621,082	5,812,001
2 TRANSPORTATION COST	272,486	156,189	140,772	108,900	119,730	127,029	155,567	192,110	187,216	165,867	201,349	325,619	2,206,662
3 TOTAL	406,039	392,921	639,969	616,316	547,062	536,114	622,708	775,562	603,449	826,659	859,793	848,701	8,018,973
4 FUEL REVENUES	817,021	794,623	717,632	470,390	525,618	130,284	563,323	645,704	698,804	722,814	752,948	639,852	8,142,813
(NET OF REVENUE TAX)													
5 TRUE-UP COLLECTED OR (REFUNDED)	7,245	7,245	7,245	7,245	7,245	7,245	7,245	7,245	7,245	7,245	7,245	7,245	86,944
6 FUEL REVENUE APPLICABLE TO PERIOD (Line 4) (or -1 Line 5)	684,266	601,868	724,877	477,035	532,863	543,520	560,568	652,849	703,849	710,059	760,193	647,101	8,229,757
7 TRUE-UP PROVISION 4 - THIS PERIOD	418,227	408,947	84,878	(136,683)	(14,829)	5,415	(32,140)	(172,633)	(98,800)	(98,800)	(98,800)	(98,800)	210,784
(Line 6 - Line 3)													
8 INTEREST PROVISION THIS PERIOD (7)	1,813	3,159	4,285	4,272	4,084	4,206	4,204	4,204	4,054	3,906	3,148	2,627	4,3,625
9 BEGINNING OF PERIOD TRUE-UP AND INTEREST	304,471	717,066	1,121,827	1,203,845	1,062,141	1,044,131	1,044,587	1,011,488	845,824	783,034	670,855	576,158	10,436,537
10 TRUE-UP COLLECTED OR (REFUNDED) (REVERSE OF LINE 9)	(7,245)	(7,245)	(7,245)	(7,245)	(7,245)	(7,245)	(7,245)	(7,245)	(7,245)	(7,245)	(7,245)	(7,245)	(86,944)
11 TOTAL ESTIMATED ACTUAL TRUE-UP (7+8+9+10+10a)	717,088	1,121,827	1,203,845	1,062,141	0	0	0	0	0	0	0	0	0
INTEREST 12/20/2014	304,471	717,066	1,121,827	1,203,845	1,062,141	1,044,131	1,044,587	1,011,488	845,824	783,034	670,855	576,158	10,436,537
12 DERIVING TRUE-UP AND INTEREST PROVISION (8)													
13 ENDING TRUE-UP BEFORE INTEREST (12+8)	715,453	1,118,708	1,162,560	1,057,819	1,040,087	1,042,301	1,037,202	881,620	778,879	678,109	573,010	469,309	10,360,377
14 TOTAL (12+13)	1,018,624	1,035,834	2,321,487	2,261,704	2,102,205	2,086,432	2,053,789	1,893,115	1,864,803	1,459,222	1,252,965	1,045,487	20,986,914
15 AVERAGE (50% OF 14)	508,062	817,917	1,160,743	1,130,862	1,051,104	1,043,216	1,026,905	944,559	832,402	729,811	628,433	522,713	10,486,457
16 INTEREST RATE - FIRST DAY OF MONTH	3.860%	3.800%	4.300%	4.500%	4.400%	4.800%	5.000%	5.000%	5.000%	6.000%	6.000%	6.000%	
17 INTEREST RATE - FIRST DAY OF SUBSEQUENT MONTH	3.800%	4.300%	4.400%	4.600%	4.800%	5.000%	5.000%	5.000%	6.000%	6.000%	6.000%	6.000%	
18 TOTAL (14+17)	7,560%	8,200%	8,800%	8,900%	9,200%	9,300%	10,040%	10,860%	11,900%	12,000%	12,000%	12,000%	
19 AVERAGE (50% OF 18)	4.130%	4.400%	4.450%	4.500%	4.640%	4.800%	5.000%	5.330%	5.840%	6.000%	6.000%	6.000%	
20 MONTHLY AVERAGE (19/12 Months)	0.316%	0.344%	0.360%	0.372%	0.415%	0.427%	0.444%	0.467%	0.503%	0.503%	0.503%	0.503%	
21 INTEREST PROVISION (15x20)	1,613	3,159	4,225	4,225	4,084	4,204	4,204	4,204	3,666	3,148	2,627		

COMPANY: CHESAPEAKE UTILITIES CORP.

## TRANSPORTATION PURCHASES SYSTEM SUPPLY AND END USE

SCHEDULE E-3

EXHIBIT NO

DOCKET NO. 950003-GU

CHESAPEAKE UTILITIES CORP.

AVW-2

PAGE 8 OF 10

**ESTIMATED FOR THE PROJECTED PERIOD OF:**

APRIL 95 Through MARCH 96

DOCKET NO. 9500  
CHESAPEAKE UT  
AVW-2 102-  
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