

§53.64(c)(5) A listing and updating, if necessary, of projections of gas supply and demand provided to this Commission for any purpose –see §59.67 (relating to formats). In addition, provide an accounting of the difference between reported gas supply available and gas supply deliverable- including storage - from the utility to its customers under various circumstances and time periods.

Response:

Pages 2 and 3 of this Exhibit 4 provide actual calendar year supply and requirements data for calendar year 2014 and estimated supply and requirements for calendar years 2015 through 2017.

The estimated supply and demand projections are based upon normal weather. Columbia's capacity portfolio provides sufficient flexibility to satisfy customer requirements under a wide range of weather conditions.

Commonwealth of Pennsylvania  
 Public Utility Commission  
 Gas Supply and Demand

	Calendar Years			
	2014 <u>Actual</u>	2015 <u>(Est.)</u>	2016 <u>(Est.)</u>	2017 <u>(Est.)</u>
<b>GAS SUPPLY - MDth</b>				
1. Pipeline Contracts	0	0	0	0
2. Underground Storage Withdrawal	22,754	20,552	20,381	20,437
3. LNG Purchases - Columbia LNG	0	0	0	0
4. LNG Storage Withdrawal	0	0	0	0
5. Propane A/	0	0	0	0
6. SNG Purchases - Columbia LNG	0	0	0	0
7. Natural Gas Production	0	0	0	0
8. Local and Appalachian Purchases(net of Excha	26,831	21,324	20,473	20,932
9. Displaced Gas	0	0	0	0
10. Other (Non-Local) Purchases	11,471	13,175	13,860	13,381
11. Customer Choice Supply	14,203	12,732	12,799	12,750
12 Subtotal	75,259	67,783	67,513	67,500
<b>DEDUCTIONS - MDth</b>				
13 Curtailments	0	0	0	0
14 Underground Storage Injections B/	23,974	21,488	21,133	21,166
15 LNG Liquefaction	0	0	0	0
16 Sales to other utilities	0	0	0	0
17 Total Deductions	23,974	21,488	21,133	21,166
18 Net Gas Supply (13-19)	51,285	46,295	46,380	46,334
<b>REQUIREMENTS - MDth</b>				
<b>FIRM REQUIREMENTS</b>				
19 Residential	26,681	23,224	23,133	23,038
20 Commercial	10,712	9,931	9,918	9,995
21 Industrial	243	240	240	240
22 Propane Service	0	0	0	0
23 Unaccounted For/Unbilled	(642)	99	232	229
24 Company Use	88	62	62	62
25 Other	0	0	0	0
26 Subtotal	37,082	33,556	33,585	33,564
27 Customer Choice	14,203 C/	12,739	12,795	12,770
28 Total	51,285	46,295	46,380	46,334

		Calendar Years			
		2014	2015	2016	2017
INTERRUPTIBLE REQ. (MDth)		Actual	(Est.)	(Est.)	(Est.)
29	Retail	0	0	0	0
30	Company's Own Plants	0	0	0	0
31	Subtotal	0	0	0	0
32	Total Gas Requirements (28 + 31)	51,285	46,295	46,380	46,334
33	Surplus or (Deficiency) (18 - 32)	0	0	0	0
STORAGE DATA (MDth)					
34	Underground Storage	27,237	27,237	27,237	27,237
35	Capacity - 12/31				
36	Underground Inventory, 12/31	20,378	20,822	21,107	21,361
37	Underground inventory change from Prior Year	28	444	285	254
WEATHER DATA					
38	Weighted average for Pittsburgh, Bradford, & Harrisburg, PA, and Morgantown & Martinsburg, WV. Balance point temp of 65 F.				
	Billing	6,044	5,416	5,416	5,416
	Calendar	5,995	5,400	5,400	5,400

Notes: Utilities should report by footnote in which category apartment houses are included and breakpoints for change in category, if any.

Units that are individually metered within apartment houses are classified as Residential. Where apartment houses are master metered, they are classified as Commercial.

A/ Propane purchased for propane service.

All propane volumes are stated in MDth equivalent.

B/ Includes volumes injected but retained by pipelines for transportation retainage.

C/ 2013 customer choice volumes were as follows:

Residential	11,853 MDth
Commercial	<u>2,351</u> MDth
	14,204

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Response:

Sheet 2 of this exhibit compares gas supply and requirements projections for calendar year 2015 as included in Exhibit No. 4 in Columbia's 2014 and 2015 gas cost recovery filings. Supply and Requirements total volumes in the 2015 filing are 1,074 MDth higher than in the 2014 filing. This small increase in forecasted demand is due to observed increase in the use per customer for residential and commercial customers.

Comparison of 2015 Calendar Year Estimate Per Current Form 1 Filing  
To The 2015 Estimate in the Previous Form 1 Filing  
(Volumes in MDth)

Estimate Report Line	<u>Description</u>	Current Year Estimate for <u>Cal. Year 2015</u>	Prior Year Estimate for <u>Cal. Year 2015</u>
<b><u>SUPPLY</u></b>			
1	Pipeline Contracts	0	0
2	Underground Storage Withdrawal	20,552	20,719
5	Propane	0	0
8	Local and Appalachian Purchases	21,324	14,425
10	Other (Non-Local) Purchases	13,175	18,978
11	Customer Choice Supply	<u>12,732</u>	<u>12,587</u>
12	Subtotal	67,783	66,709
14	Deduct Storage Injection	<u>21,488</u>	<u>21,488</u>
18	Net Gas Supply	46,295	45,221
<b><u>REQUIREMENTS</u></b>			
19	Residential	23,224	22,686
20	Commercial	9,931	9,258
21	Industrial	240	224
22	Propane Service	0	0
23	Unaccounted For / Unbilled	99	292
24	Company Use	62	53
25	Other	0	0
26	Subtotal	33,556	32,513
29	Retail (Interruptible Req.)	0	0
27	Customer Choice	<u>12,739</u>	<u>12,708</u>
32	Total Requirements	46,295	45,221

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Response:

Sheet 2 of this Exhibit No. 4-B reflects the reconciliation of the 2014 actual supply and requirements data to the estimated 2014 data contained in Columbia's 2014 Exhibit No. 4. Contrasting total actual requirements for 2014 versus the estimated total requirements yields a positive variance of 6,025 MDth or 13.3%. There are two factors that account for this difference. The first is colder than normal weather. The total actual degree days for calendar year 2014 were 11.0% more than normal degree days that served as the basis for the 2014 estimate. In addition, Columbia has experienced an increase in customer count and consumption.

## COLUMBIA GAS OF PENNSYLVANIA, INC.

Exhibit No. 4-B

Sheet 2 of 2

Actual Compared to Estimate  
2014 Calendar Year  
(Volumes in MDth)

Estimate Report Line	Description	2014 Actual	Estimate Per 2014 Report
<u>SUPPLY</u>			
1	Pipeline Contracts	0	0
2	Underground Storage Withdrawal	22,754	21,750
5	Propane	0	0
8	Local and Appalachian Purchases	26,831	15,964
10	Other (Non-Local) Purchases	11,471	17,536
11	Customer Choice Supply	<u>14,203</u>	<u>12,567</u>
12	Subtotal	75,259	67,817
14	Deduct Storage Injection	23,974 A/	22,557
18	Net Gas Supply	51,285	45,260
<u>REQUIREMENTS</u>			
19	Residential	26,681	22,791
20	Commercial	10,712	9,339
21	Industrial	243	224
22	Propane Service	0	0
23	Unaccounted For / Unbilled	(642)	176
24	Company Use	88	53
25	Other	0	0
26	Subtotal	37,082	32,583
29	Retail (Interruptible Req.)	0	0
27	Customer Choice	<u>14,203</u>	<u>12,677</u>
32	Total Requirements	51,285	45,260

A/ Includes volumes injected but retained by pipelines for transportation retainage.