INFORMATION SHEET

PRESIDING: Commissioner Brown-Bland; Chair Mitchell; Commissioners Gray
PLACE: Dobbs Building, Room 2115, Raleigh, NC
DATE: Tuesday, October 1, 2019
TIME: 10:01 a.m. – 10:44 a.m.
DOCKET NO.: G-9, Sub 752
COMPANY: Piedmont Natural Gas Company, LLC
DESCRIPTION: Application of Piedmont Natural Gas Company, Inc., for Annual Review of Gas Costs Pursuant to NCGS 62-133.4© and commission Rule R1-17(k)(6)
VOLUME:

APPEARANCES
FOR PIEDMONT NATURAL GAS COMPANY, LLC:
Mindy McGrath, Esq.
Brian Heslin, Esq.

FOR THE USING AND CONSUMING PUBLIC:
Elizabeth Culpepper, Esq.

WITNESSES
See attached.

EXHIBITS

See attached.

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PLACE: Dobbs Building, Raleigh, North Carolina

DATE: Tuesday, October 1, 2019

TIME: 10:00 a.m. - 10:44 a.m.

DOCKET NO: G-9, Sub 752

BEFORE: Commissioner ToNola D. Brown-Bland, Presiding

Chairman Charlotte A. Mitchell

Commissioner Lyons Gray

IN THE MATTER OF:

Piedmont Natural Gas Company, Inc.

Application for Annual Review of Gas Costs Pursuant to

N.C.G.S. § 62-133.4(c) and

Commission Rule R1-17(k)(6)

A P P E A R A N C E S:

FOR PIEDMONT NATURAL GAS COMPANY, INC.:

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201 North Tryon Street, Suite 3000
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Deputy General Counsel
Duke Energy Corporation
550 South Tryon Street
Charlotte, North Carolina 28202

FOR CAROLINA UTILITY CUSTOMERS ASSOCIATION, INC.:

Robert F. Page, Esq.
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4010 Barrett Drive, Suite 205
Raleigh, North Carolina 27609

FOR THE USING AND CONSUMING PUBLIC:

Elizabeth Culpepper, Esq.
Public Staff - North Carolina Utilities Commission
4326 Mail Service Center
Raleigh, North Carolina 27699-4300

T A B L E O F C O N T E N T S

E X A M I N A T I O N S:

E X H I B I T S

IDENTIFIED / ADMITTED

NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE: 10/1/19 DOCKET NO.: G-9 Sub 752

ATTORNEY NAME and TITLE: Mindy McGrath

FIRM NAME: McGuireWoods LLP

ADDRESS: 201 N. Tryon St., Ste 3000

CITY: Charlotte STATE: NC ZIP CODE: 28202

APPEARING FOR: Piedmont Natural Gas Company, INC.

APPLICANT: X COMPLAINANT: ___ INTERVENOR: ___

PROTESTANT: ___ RESPONDENT: ___ DEFENDANT: ___

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Email: mmcgrath@mcguirewoods.com

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SIGNATURE: M McGrath

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NORTH CAROLINA UTILITIES COMMISSION
APPEARANCE SLIP

DATE: 10/1/19 **DOCKET NO.:** G-9, Sub 752

ATTORNEY NAME and TITLE: Brian Heslin

FIRM NAME: Duke Energy Corporation

ADDRESS: 550 S. Tryon Street

CITY: Charlotte **STATE:** NC **ZIP CODE:** 28202

APPEARING FOR: Piedmont Natural Gas Company, Inc.

APPLICANT: ✓ **COMPLAINANT:** ___ **INTERVENOR:** ___

PROTESTANT: ___ **RESPONDENT:** ___ **DEFENDANT:** ___

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NORTH CAROLINA UTILITIES COMMISSION

APPEARANCE SLIP

DATE 10/01/19 DOCKET #: G-9, Sub 752

NAME AND TITLE OF ATTORNEY Robert F. Page

FIRM NAME Crisp & Page, PLLC

ADDRESS 4010 Barrett Dr., Suite 205

CITY Raleigh ZIP 27609

APPEARING FOR: Carolina Utility Customers Association, Inc.

APPLICANT ______ COMPLAINANT ______ INTERVENER ✓

PROTESTANT ______ RESPONDENT ______ DEFENDANT ______

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Signature: ______

NORTH CAROLINA UTILITIES COMMISSION
PUBLIC STAFF - APPEARANCE SLIP

DATE October 1, 2019 DOCKET #: G-9, Sub 752

PUBLIC STAFF MEMBER Elizabeth D. Culpepper

ORDER FOR TRANSCRIPT OF TESTIMONY TO BE **EMAILED** TO THE PUBLIC STAFF - PLEASE INDICATE YOUR DIVISION AS WELL AS YOUR EMAIL ADDRESS BELOW:

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COMMUNICATIONS ________
ELECTRIC ________
GAS ________
TRANSPORTATION ________
ECONOMICS ________
LEGAL elizabeth.culpepper@psncuc.nc.gov
CONSUMER SERVICES ________

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ELIZABETH D. CULPEPPER

____

Elizabeth D. Culpepper
Signature of Public Staff Member

I/A

Piedmont Natural Gas Company, Inc.
Docket No. G-9, Sub 752

Exhibit MBT - 1
Schedule 1

Summary of Cost of Gas Expense
For the Twelve Month Period Ended May 31, 2019

	Reporting	June	July	August	September	October	November	December	January	February	March	April	May	
	Gas Flow	May	June	July	August	September	October	November	December	January	February	March	April	
	Items													Total
1	Demand and Storage Costs Expensed	10,340,049.12	10,089,059.98	10,374,778.18	10,369,156.51	10,076,457.91	10,566,721.63	11,219,653.87	11,704,871.68	11,905,871.56	10,955,463.60	13,964,174.64	11,903,752.54	133,470,011.22
2	(see Schedule 2 line 63)													
3	Commodity Costs Expensed	5,800,721.28	5,020,254.79	4,958,822.06	5,323,278.77	5,599,652.99	11,399,093.36	34,658,411.42	49,677,017.43	45,468,818.85	27,453,955.34	27,669,121.00	10,143,071.29	233,172,218.58
4	(see Schedule 3 line 105)													
5	Other Charges/(Credits)	(3,088,678.75)	(5,962,620.96)	(3,583,409.29)	(5,514,921.19)	2,282,124.34	23,915,686.62	11,386,630.09	11,661,988.12	(8,404,674.47)	591,778.80	(26,016,323.19)	(11,787,071.96)	(14,519,491.84)
6	(see Schedule 4 line 32)													
7	**Total Cost of Gas Expensed**	**13,052,091.65**	**9,146,693.81**	**11,750,190.95**	**10,177,514.09**	**17,958,235.24**	**45,881,501.61**	**57,264,695.38**	**73,043,877.23**	**48,970,015.94**	**39,001,197.74**	**15,616,972.45**	**10,259,751.87**	**352,122,737.96**

Piedmont Natural Gas Company, Inc.
Docket No. G-9, Sub 752

Exhibit MBT - 1
Schedule 2

Summary of Demand and Storage Gas Costs
For the Twelve Month Period Ended May 31, 2019

	Reporting	June	July	August	September	October	November	December	January	February	March	April	May	Total
	Gas Flow	May	June	July	August	September	October	November	December	January	February	March	April	
	Items													
	Demand and Storage Costs:													
1	Transco Transportation Capacity Release # 1002268	(2,061.19)	(1,994.70)	(2,061.19)	(2,061.19)	(1,994.70)	(2,061.19)	(942.00)	(973.40)	(973.40)	(879.20)	(973.40)	(2,477.40)	(19,452.96)
2	Transco Transportation Demand/Capacity # 1002268	81,032.45	78,418.50	81,032.45	81,032.45	78,418.50	81,032.45	78,418.50	81,032.45	81,032.45	73,190.60	110,979.69	107,979.00	1,013,599.49
3	Transco Transportation Capacity Release # 1003702	(560,764.58)	(542,675.40)	(560,764.58)	(560,764.58)	(542,800.40)	(334,159.59)	(199,086.50)	(194,806.17)	(201,843.74)	(182,776.01)	(205,129.04)	(516,386.80)	(4,601,957.39)
4	Transco Transportation Demand/Capacity # 1003702	3,795,770.82	3,673,326.60	3,795,770.82	3,795,770.82	3,673,326.60	3,795,770.82	3,673,326.60	3,787,570.39	3,787,570.39	3,421,031.32	5,197,450.70	5,056,879.80	47,453,565.68
5	Transco Transportation Capacity Release # 1004189	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Transco Transportation Demand/Capacity # 1004189	-	-	-	-	-	-	669,701.10	768,932.99	768,932.99	694,520.12	946,266.01	-	3,848,353.21
7	Transco Transportation Demand/Capacity # 1004197	-	-	-	-	-	-	7,251.90	8,318.85	8,318.85	7,513.80	10,246.74	-	41,650.14
8	Transco Transportation Capacity Release # 1004995	-	-	-	-	-	-	-	(954.49)	(954.49)	(862.12)	-	-	(2,771.10)
9	Transco Transportation Demand/Capacity # 1004995	-	-	-	-	-	-	-	161,565.49	161,565.49	145,930.12	-	-	469,061.10
10	Transco Transportation Capacity Release # 1011994	-	-	-	-	-	-	(765,140.40)	(790,645.08)	(790,645.08)	(714,131.04)	(790,645.08)	-	(3,851,206.68)
11	Transco Transportation Demand/Capacity # 1011994	53,456.09	51,731.70	53,456.09	53,456.09	51,731.70	53,456.09	51,731.70	53,456.09	53,456.09	48,282.92	66,770.90	64,863.30	655,848.76
12	Transco Transportation Capacity Release # 1012026	(127,067.03)	(121,713.90)	(125,771.03)	(125,807.03)	(122,013.90)	(85,334.07)	(869,814.00)	(796,738.67)	(945,559.68)	(781,030.27)	(1,131,483.35)	(819,199.50)	(6,051,532.43)
13	Transco Transportation Demand/Capacity # 1012026	1,388,133.81	1,343,355.30	1,388,133.81	1,388,133.81	1,343,355.30	1,388,133.81	1,343,355.30	1,388,133.81	1,388,133.81	1,253,798.28	1,898,116.98	1,846,093.80	17,356,877.82
14	Transco Transportation Capacity Release # 1020771	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Transco Transportation Demand/Capacity # 1020771	328,813.59	318,206.70	328,813.59	328,813.59	318,206.70	328,813.59	318,206.70	328,813.59	328,813.59	296,992.92	308,528.74	301,935.00	3,834,958.30
16	Transco Transportation Capacity Release # 9166591	-	-	-	-	-	-	-	-	-	-	-	-	-
17	Transco Transportation Demand/Capacity # 9166591	-	-	-	-	-	-	-	-	-	-	-	-	-
18	Transco Transportation Capacity Release # 9174932	(54,550.08)	(52,790.40)	(54,550.08)	(54,550.08)	(52,790.40)	(54,550.08)	-	-	-	-	-	-	(323,781.12)
19	Transco Transportation Demand/Capacity # 9174932	290,389.40	281,022.00	290,389.40	290,389.40	281,022.00	290,389.40	281,022.00	290,389.40	290,389.40	262,287.20	290,389.40	281,982.00	3,420,061.00
20	Transco Transportation Demand/Capacity # 9178798	1,712,409.00	1,657,170.00	1,712,409.00	1,712,409.00	1,657,170.00	1,712,409.00	1,657,170.00	1,712,409.00	1,712,409.00	1,546,692.00	1,712,409.00	1,666,140.00	20,171,205.00
21	Transco GSS Storage Demand/Capacity # 1000717	312,347.63	302,271.90	312,347.63	312,347.63	302,271.90	312,347.63	302,271.90	312,347.63	312,347.63	282,120.44	413,965.01	401,215.50	3,878,202.43
22	Transco ESS Storage Demand/Capacity # 1018471	196,907.66	190,555.80	196,907.66	196,907.66	190,555.80	196,907.66	190,555.80	196,907.66	196,907.66	177,852.08	300,054.89	290,375.70	2,521,396.03
23	Transco WSS Storage Demand/Capacity # 9012466	152,540.15	147,619.50	152,540.15	152,540.15	147,619.50	152,540.15	147,619.50	152,540.15	152,540.15	137,778.20	197,272.22	190,908.60	1,884,058.42
24	Transco LNG Storage Demand/Capacity # 9015489	18,616.74	18,016.20	18,616.74	18,616.74	18,016.20	18,616.74	18,016.20	18,616.74	18,616.74	16,815.12	28,338.34	27,424.20	238,326.70
25	Pine Needle Storage Demand/Capacity # 1029836	751,706.60	727,458.00	751,706.60	751,706.60	727,458.00	751,706.60	727,458.00	751,706.60	751,706.60	678,960.80	751,706.60	727,458.00	8,850,739.00
26	DTI Transportation Capacity Release # 700091	-	-	-	-	-	-	(16,102.64)	(16,102.64)	(16,102.64)	(16,102.64)	(16,102.64)	-	(80,513.20)
27	DTI Transportation Demand/Capacity # 700091	-	-	-	-	-	-	65,559.61	65,559.61	65,559.61	65,559.61	65,559.61	-	327,798.05
28	DTI GSS Dominion Storage Capacity Release # 300175	(27,993.00)	(27,993.00)	(27,993.00)	(27,993.00)	(27,993.00)	(27,993.00)	(37,430.64)	(37,430.64)	(37,430.64)	(37,430.64)	(37,430.64)	(37,430.64)	(392,541.84)
29	DTI GSS Dominion Storage Demand/Capacity # 300175	47,918.68	47,918.68	47,918.68	47,918.68	47,918.68	47,918.68	47,920.02	47,920.02	47,920.02	47,920.02	47,920.02	47,920.02	575,032.20
30	TCO Transportation Demand/Capacity # 37803	144,601.00	144,601.00	144,601.00	144,601.00	144,601.00	144,601.00	144,601.00	145,682.00	145,682.00	155,020.00	155,020.00	155,342.00	1,768,953.00
31	TCO Transportation Demand/Capacity # 78698	15,924.07	15,924.07	15,924.07	15,924.07	15,924.07	31,854.27	31,854.27	32,098.63	32,098.63	34,209.42	34,209.42	17,137.81	293,082.80
32	TCO Transportation Demand/Capacity # 78700	77,060.00	77,060.00	77,060.00	77,060.00	77,060.00	77,060.00	77,060.00	77,530.00	77,530.00	81,590.00	81,590.00	81,730.00	939,390.00
33	TCO Transportation Demand/Capacity # 78701	61,618.89	61,618.89	61,618.89	61,618.89	61,618.89	61,618.89	61,618.89	62,079.53	62,079.53	66,058.74	66,058.74	66,195.95	753,804.72
34	TCO Transportation Demand/Capacity # 79661	248,664.30	248,664.30	248,664.30	248,664.30	248,664.30	497,322.46	497,322.46	501,137.41	501,137.41	534,092.02	534,092.02	267,617.49	4,576,042.77
35	TCO FSS Carolina Storage Demand/Capacity # 38015 (79660)	277,594.29	277,594.28	277,594.29	277,594.29	277,594.28	277,594.29	277,594.28	277,594.29	277,594.29	277,594.28	277,594.29	277,594.28	3,331,131.43
36	TCO FSS Carolina Asset Manager Fee - Direct	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(41,666.00)	(41,666.00)	(41,666.00)	(41,666.00)	(41,666.00)	(41,666.00)	(849,996.00)
37	FSS Carolina Asset Manager Fee - Freepoint	-	-	-	-	-	-	(88,441.67)	(88,441.67)	(88,441.67)	(88,441.67)	(88,441.67)	(88,441.67)	(530,650.02)
38	FSS Carolina Asset Manager Fee - Shell	(42,500.00)	(42,500.00)	(42,500.00)	(42,500.00)	(42,500.00)	(42,500.00)	-	-	-	-	-	-	(255,000.00)
39	TCO Transportation Demand/Capacity # 100927	432,765.64	432,765.65	432,765.64	432,314.19	432,765.65	432,765.64	432,765.65	436,000.89	436,000.89	463,947.90	463,947.90	464,911.59	5,293,717.23
40	Hardy Storage Demand/Capacity # 92707	774,151.59	774,151.59	774,151.59	774,151.59	774,151.59	774,151.59	774,151.59	774,151.59	713,783.41	713,783.41	713,783.41	713,783.41	9,048,346.36
41	Hardy Asset Manager Fee	-	-	-	-	-	-	-	-	-	-	-	-	-
42	Cardinal Transportation Demand/Capacity # 1031993	52,285.84	50,599.20	52,285.84	52,285.84	50,599.20	52,285.84	50,599.20	52,285.84	49,109.27	44,356.76	49,109.27	47,580.90	603,383.00
43	Cardinal Transportation Demand/Capacity # 1031996	111,848.31	108,240.30	111,848.31	111,848.31	108,240.30	111,848.31	108,240.30	111,848.31	104,006.55	93,941.40	104,006.55	100,689.00	1,286,605.95
44	Cardinal Transportation Demand/Capacity #9124743	402,545.85	389,560.50	402,545.85	402,545.85	389,560.50	402,545.85	389,560.50	402,545.85	374,323.76	338,098.88	374,323.76	362,382.90	4,630,540.05
45	MGT Transportation Demand/Capacity # FA0342	36,480.00	36,480.00	36,480.00	36,480.00	36,480.00	36,480.00	36,480.00	36,480.00	36,480.00	36,480.00	36,480.00	36,480.00	437,760.00
46	MGT Transportation Demand/Capacity # FB0006	52,620.00	52,620.00	52,620.00	52,620.00	52,620.00	52,620.00	52,620.00	52,620.00	52,620.00	52,620.00	52,620.00	52,620.00	631,440.00
47	ETN Transportation Demand/Capacity # 410158	307,800.00	307,800.00	307,800.00	307,800.00	307,800.00	307,800.00	307,800.00	307,800.00	307,800.00	307,800.00	307,800.00	307,800.00	3,693,600.00
48	TETCO Transportation Demand/Capacity # 910473	-	-	-	-	-	-	315,922.78	315,922.78	315,922.78	315,922.78	315,922.78	-	1,579,613.90
49	LNG Processing Charges	27,322.85	43,570.90	66,148.64	47,664.51	28,758.87	29,157.28	49,405.57	45,491.46	381,348.15	175,086.26	500,460.24	28,206.27	1,422,621.00
50	Other Adjustments (See Sch 9 for details)	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Piedmont Interconnect w/ Transco	-	-	-	-	-	-	-	-	-	-	-	-	-
51	Property Taxes	-	-	1,993.51	14,321.58	-	-	-	-	-	28,814.10	-	-	45,129.19
52	Transco - Leidy Southeast Asset Manager Fee	(308,450.00)	(298,500.00)	(308,450.00)	(308,450.00)	(298,500.00)	(308,450.00)	(298,500.00)	(308,450.00)	(308,450.00)	(278,600.00)	(308,450.00)	(298,500.00)	(3,631,750.00)
53	Transco - Virginia Southside Asset Manager Fee	(45,833.33)	(45,833.33)	(45,833.33)	(45,833.33)	(45,833.33)	(45,833.37)	(69,166.67)	(69,166.67)	(69,166.67)	(69,166.67)	(69,166.67)	(69,166.67)	(690,000.04)
54	WSS Asset Manager Fee	(55,208.33)	(55,208.33)	(55,208.33)	(55,208.33)	(55,208.33)	(55,208.33)	(55,208.33)	(55,208.33)	(55,208.33)	(55,208.33)	(55,208.37)	(55,208.33)	(662,500.00)
55	MGT/ETN Asset Manager Fee	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(100,000.00)	(1,200,000.00)
56	ETN/TETCO Asset Manager Fee	(129,000.00)	(129,000.00)	(129,000.00)	(129,000.00)	(129,000.00)	(129,000.00)	(129,000.00)	(129,000.00)	(129,000.00)	(129,000.00)	(129,000.00)	(129,000.00)	(1,548,000.00)
57	Subtotal	10,599,897.71	10,340,112.50	10,642,013.01	10,635,369.50	10,324,875.47	11,134,658.41	10,516,682.47	11,127,905.29	11,208,294.80	10,381,366.91	13,439,296.37	11,833,769.51	132,184,241.95
58	Net Capacity Release	1,553,427.54	1,518,209.06	1,552,131.54	1,552,167.54	1,518,634.06	1,285,089.63	2,670,498.85	2,629,583.76	2,785,442.34	2,495,294.59	2,973,696.86	2,157,477.01	24,691,652.78
59	Total Demand and Storage Incurred	12,153,325.25	11,858,321.56	12,194,144.55	12,187,537.04	11,843,509.53	12,419,748.04	13,187,181.32	13,757,489.05	13,993,737.14	12,876,661.50	16,412,993.23	13,991,246.52	156,875,894.73
60	NC Allocation Factor %	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	
63	Total NC Demand and Storage Incurred	10,340,049.12	10,089,059.98	10,374,778.18	10,369,156.51	10,076,457.91	10,566,721.63	11,219,653.87	11,704,871.68	11,905,871.56	10,955,463.60	13,964,174.64	11,903,752.54	133,470,011.22

Piedmont Natural Gas Company, Inc.
Docket No. G-9, Sub 752

Exhibit MBT - 1
Schedule 3

Summary of Commodity Gas Costs
For the Twelve Month Period Ended May 31, 2019

	Reporting	June	July	August	September	October	November	December	January	February	March	April	May	
	Gas Flow	May	June	July	August	September	October	November	December	January	February	March	April	
	Items													Total
1	Supplier 1	-	-	-	-	386,950.00	1,599,625.00	2,705,027.25	2,972,200.33	3,255,313.53	702,503.71	1,004,100.90	-	12,625,720.72
2	Supplier 2	-	-	95,005.50	-	31,700.00	172,468.00	1,224,700.00	1,197,745.20	1,416,880.00	465,849.06	779,300.00	98,931.50	5,482,579.26
3	Supplier 3	7,929,278.61	7,837,862.25	8,479,701.84	7,932,423.90	8,012,656.11	8,558,336.81	9,078,222.98	14,145,946.27	10,885,852.15	7,997,156.02	8,468,696.02	7,664,478.88	106,990,611.84
4	Supplier 4	-	114,650.00	348,075.00	-	153,208.78	60,210.00	2,171,389.09	3,220,270.93	1,754,758.99	1,907,872.71	1,444,803.67	130,186.18	11,305,425.35
5	Supplier 5	-	-	-	-	-	-	1,438,363.47	786,030.59	1,580,703.15	415,118.00	567,922.56	-	4,788,137.77
6	Supplier 6	28,025.00	54,628.75	1,144.00	-	-	-	93,100.00	14,958.00	-	-	100,627.00	30,450.00	322,932.75
7	Supplier 7	-	-	104,180.00	62,970.00	31,750.00	-	-	-	-	-	-	13,525.00	212,425.00
8	Supplier 8	-	15,100.00	-	-	-	-	-	-	-	-	-	-	15,100.00
9	Supplier 9	-	-	42,675.00	11,524.50	-	-	5,428,600.00	1,929,955.00	572,500.00	785,200.00	2,311,112.00	54,701.00	11,136,267.50
10	Supplier 10	653,267.34	2,610,700.50	5,912,155.70	2,590,074.60	1,709,734.50	1,827,912.45	3,761,159.96	3,446,790.19	3,930,656.24	1,689,993.22	2,264,755.86	4,515,782.40	34,912,982.96
11	Supplier 11	-	-	22,875.00	176,266.88	30,250.00	676,415.00	9,167,690.64	6,443,068.04	4,640,671.10	2,617,981.44	4,771,602.19	1,980,303.44	30,527,123.73
12	Supplier 12	-	-	-	-	-	-	1,076,900.00	706,898.00	1,240,333.07	18,990.00	388,289.78	-	3,431,410.85
13	Supplier 13	-	130,458.36	69,500.00	-	-	-	7,368,825.00	7,105,765.56	4,004,650.00	3,816,381.43	954,750.00	-	23,450,330.35
14	Supplier 14	-	38,450.00	28,800.00	-	-	-	-	-	-	-	-	1,055,527.50	1,122,777.50
15	Supplier 15	57,600.00	-	-	-	-	-	-	-	-	-	-	-	57,600.00
16	Supplier 16	-	-	15,275.00	37,177.50	-	544.48	69,336.00	2,798,500.00	3,536,948.00	1,356,697.00	13,176.00	10,540.00	7,838,193.98
17	Supplier 17	-	-	-	-	-	-	2,340,062.38	2,314,756.70	1,792,386.52	1,408,302.56	1,689,815.36	133,926.64	9,679,250.16
18	Supplier 18	-	460,985.00	30,550.00	-	40,400.00	-	58,827.00	44,200.00	-	-	28,000.00	-	662,962.00
19	Supplier 19	14,601.50	50,404.50	-	29,050.00	169,097.50	105,188.00	391,079.00	595,058.01	685,749.87	2,097,124.94	395,347.64	93,997.50	4,626,698.46
20	Supplier 20	-	-	-	-	-	-	-	-	-	-	-	6,885.00	6,885.00
21	Supplier 21	-	-	-	-	-	-	-	-	-	-	20,550.00	226,745.00	247,295.00
22	Supplier 22	-	-	-	-	-	-	941,490.00	-	-	31,900.00	372,240.00	-	1,345,630.00
23	Supplier 23	-	-	59,300.00	-	-	-	44,250.00	93,779.00	116,062.50	784,748.72	54,150.00	114,195.00	1,266,485.22
24	Supplier 24	-	89,400.00	28,700.00	29,550.00	-	101,278.62	-	-	-	146,929.50	-	-	395,858.12
25	Supplier 25	27,500.00	14,300.00	229,450.00	-	28,600.00	-	9,000.00	-	-	-	-	13,100.00	321,950.00
26	Supplier 26	-	-	-	-	-	-	1,103,400.00	714,900.00	930,300.00	205,575.00	460,800.00	-	3,414,975.00
27	Supplier 27	-	-	6,474.50	-	-	-	-	-	-	-	-	-	6,474.50
28	Supplier 28	-	-	-	-	-	-	-	214,821.00	1,357,973.24	-	-	-	1,572,794.24
29	Supplier 29	880,186.00	1,086,750.00	2,576,385.00	2,725,750.00	1,801,900.00	1,660,426.94	112,177.90	3,233,291.77	230,656.11	1,251,231.71	42,600.00	104,575.00	15,705,930.43
30	Supplier 30	-	-	-	-	-	-	5,822.50	1,082,373.75	377,177.25	458,313.00	373,588.17	25,245.00	2,322,519.67
31	Supplier 31	1,041,180.08	1,190,160.83	150,599.18	70,208.81	93,014.98	1,508,238.55	505,792.10	2,754,734.16	2,860,218.74	3,931,015.80	1,167,953.40	1,153,388.64	16,426,505.27
32	Supplier 32	-	-	28,450.00	-	-	-	116,425.00	-	51,490.00	-	62,460.00	16,520.00	275,345.00
33	Supplier 33	-	-	-	-	-	370,825.44	306,361.83	279,280.00	53,600.00	52,507.00	27,400.00	23,161.92	1,113,136.19
34	Supplier 34	-	-	-	-	-	-	874.00	64,123.50	-	-	4,675.50	-	69,673.00
35	Supplier 35	-	-	-	-	-	-	-	-	145,000.00	-	-	42,000.00	187,000.00
36	Supplier 36	-	-	-	-	-	-	-	6,655.00	-	-	-	-	6,655.00
37	Supplier 37	1,843,746.15	3,309,485.25	1,983,386.11	2,139,370.00	2,054,090.60	1,550,499.80	857,969.11	2,919,615.15	2,538,145.03	1,189,941.37	568,704.50	277,365.75	21,232,318.82
38	Supplier 38	41,362.50	-	-	-	-	3,335.00	1,295,384.50	883,772.50	1,244,309.75	168,680.21	414,375.00	65,072.75	4,116,292.21
39	Supplier 39	151,437.50	-	23,534.00	-	-	-	43,100.00	34,076.00	-	-	-	-	252,147.50
40	Supplier 40	94,325.00	71,541.18	-	-	-	-	145,985.15	-	-	47,009.88	-	-	358,861.21
41	Supplier 41	-	-	-	-	-	-	1,711,800.00	-	-	58,000.00	676,800.00	-	2,446,600.00
42	Supplier 42	566,902.29	809,004.58	959,560.84	1,055,161.34	919,739.57	1,160,564.85	-	67,500.00	-	-	-	26,550.00	5,564,983.47
43	Supplier 43	81,124.50	-	-	-	-	-	1,106,057.50	953,200.00	1,450,700.00	166,800.00	681,300.00	64,844.00	4,504,026.00
44	Supplier 44	364,900.00	533,609.25	105,875.00	75,250.00	29,500.00	-	-	3,545,384.00	2,512,655.36	1,461,336.94	1,258,826.61	87,436.00	9,974,773.16
45	P/M Actual Imbalance	(56.59)	-	-	-	-	-	-	(7,880.24)	-	(1,846.24)	(346.27)	20,404.04	10,274.70
46	Pipeline Imbalance - P/M Reversal	50.82	-	-	-	-	-	-	5,460.00	-	2,126.25	423.56	(19,967.75)	(11,907.12)
47	Pipeline Imbalance - C/M	-	-	-	-	-	-	(5,460.00)	-	(2,126.25)	(423.56)	19,967.75	(11,946.00)	11.94
48	Frontier C/M Actual	(29.12)	17.78	(17.55)	(59.85)	(56.09)	16.23	(91.56)	30.45	(109.90)	132.70	(64.50)	(48.81)	(280.22)
49	Pipeline Imbalance Transport Charge	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Transportation Cost	43,502.43	54,458.13	46,745.22	48,517.52	45,104.38	119,678.91	315,529.68	617,595.40	378,452.19	294,588.74	245,509.84	117,232.06	2,326,914.50
51	Less: Off System Sales Cost	(4,073,980.37)	(4,628,863.98)	(4,394,567.77)	(3,588,948.60)	(4,001,376.77)	(1,136,898.97)	(13,449,709.93)	(10,779,838.87)	(17,393,121.81)	(13,746,707.50)	(9,427,378.24)	(734,287.12)	(87,355,679.93)
52	Total Commodity Cost	9,744,923.64	13,843,102.38	16,953,811.57	13,394,286.60	11,536,263.56	18,338,665.11	41,539,440.55	54,405,015.39	36,148,784.83	21,781,029.61	22,206,834.30	17,400,820.52	277,292,978.06

Piedmont Natural Gas Company, Inc.
Docket No. G-9, Sub 752

Exhibit MBT - 1
Schedule 3

Summary of Commodity Gas Costs
For the Twelve Month Period Ended May 31, 2019

	Reporting	June	July	August	September	October	November	December	January	February	March	April	May	
	Gas Flow	May	June	July	August	September	October	November	December	January	February	March	April	Total
	Items													
53	Less: Storage Injections													
54	CAR LNG	-	113,543.21	417,680.33	114,211.72	-	-	487,544.40	200,673.21	-	-	-	-	1,333,652.87
55	ESS	267,730.38	716,949.55	1,122,121.97	384,722.74	641,211.61	974,492.61	651,460.58	717,263.70	402,955.03	383,046.19	77,973.92	662,081.75	7,002,010.03
56	FSSCAR	793,124.19	2,752,723.65	2,918,954.98	2,651,380.41	1,802,749.13	956,013.24	-	6,131.61	-	-	396.06	1,963,571.44	13,845,044.71
57	GSS Dominion	-	-	-	-	-	-	-	-	-	-	-	-	-
58	GSS Transco	1,210,392.37	1,561,866.70	1,526,213.93	1,232,337.36	1,005,510.01	1,046,674.02	761,569.39	524,825.17	101,291.12	206,368.77	24,207.62	942,450.11	10,143,706.57
59	Hardy	-	-	3,143,799.90	-	-	886,581.15	-	-	-	-	-	2,686,137.60	6,716,518.65
60	LNG (Transco)	-	-	-	-	-	-	-	-	-	-	-	-	-
61	NCNG LNG	-	354,437.88	206,965.82	447,623.88	92,141.48	-	-	-	-	-	-	-	1,101,169.06
62	Truck LNG Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-
63	Pine Needle	134,368.37	918,425.68	1,060,448.73	982,644.24	482,485.19	127,468.14	99,764.17	1,786.63	88,100.08	-	-	174,799.34	4,070,290.57
64	WSS	1,056,494.19	1,781,589.67	1,652,976.86	1,382,818.11	1,245,695.93	1,880,665.74	1,836,234.61	634,740.38	374,264.79	180,270.63	-	710,086.62	12,735,837.53
65	**Total Storage Injections**	3,462,109.50	8,199,436.34	12,049,162.52	7,195,738.46	5,269,793.35	5,871,894.90	3,836,573.15	2,085,420.70	966,611.02	769,685.59	102,577.60	7,139,126.86	56,948,229.99
66	Add: Withdrawals From Storage													
67	CAR LNG	38,255.20	55,345.16	133,883.21	67,153.53	40,134.83	45,228.90	113,483.66	80,674.35	634,636.86	348,631.75	706,702.86	40,345.77	2,304,476.08
68	ESS	124,964.62	117,958.88	802,028.94	420,706.13	354,494.21	756,175.24	211,892.83	1,020,174.02	1,874,097.81	898,047.55	739,329.95	253,772.85	7,573,643.03
69	FSSCAR	-	-	-	-	-	-	867,595.71	2,475,883.74	4,166,665.94	2,260,475.87	1,746,350.97	-	11,516,972.23
70	GSS Dominion	-	-	-	-	-	-	-	-	-	-	-	-	-
71	GSS Transco	36,096.27	87,515.29	100,097.25	6,432.21	176,608.03	127,868.34	1,195,476.70	1,244,805.84	3,917,653.62	2,901,044.24	1,763,649.38	347,848.62	11,905,095.79
72	Hardy	-	-	-	-	-	-	-	612,183.33	1,843,906.07	204,061.82	1,223,879.66	-	3,884,030.88
73	LNG (Transco)	-	-	-	-	-	-	-	-	-	-	-	-	-
74	NCNG LNG	36,390.04	71,225.90	52,833.26	76,691.62	43,271.58	36,115.33	33,732.68	51,593.38	465,993.45	132,742.52	649,010.06	32,094.44	1,681,694.26
75	Truck LNG Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Pine Needle	-	-	-	-	-	-	80,271.43	305,789.72	2,088,203.60	2,216,646.88	454,221.02	372,516.47	5,517,649.12
77	WSS	377,706.20	4,095.35	-	-	93,600.43	371,829.16	760,524.56	1,215,055.77	3,576,098.39	2,275,101.02	2,875,614.39	847,865.11	12,397,490.38
78	**Total Storage Withdrawals**	613,412.33	336,140.58	1,088,842.64	570,983.49	708,109.08	1,337,216.97	3,262,977.57	7,006,160.15	18,567,255.74	11,236,751.65	10,158,758.29	1,894,443.26	56,781,051.77
79	Banked Gas - C/M	21,456.78	10,441.75	5,577.00	(4,262.50)	(68.75)	27,519.25	38,250.00	17,634.00	23,786.25	13,535.82	25,443.00	5,478.00	184,790.60
80	Banked Gas - P/M	(5,033.84)	(21,456.78)	(10,441.75)	(5,577.00)	4,262.50	68.75	(27,519.25)	(38,250.00)	(17,634.00)	(23,786.25)	(13,535.82)	(25,443.00)	(184,346.44)
81	Electric Compressor Costs	137,569.48	151,390.30	159,109.40	165,714.44	198,969.23	225,199.12	170,204.79	202,610.03	164,701.20	182,453.06	168,410.57	157,963.56	2,084,295.18
82	Cashout Longs	106,884.77	100,799.68	86,133.04	35,008.63	26,334.77	62,927.30	64,070.04	204,873.03	169,440.91	170,257.56	141,953.96	117,293.37	1,285,977.06
83	Reservation Charges	-	-	-	-	-	-	684,330.00	720,130.00	720,130.00	650,440.00	707,141.00	-	3,482,171.00
84	Commodity Cost Expensed	7,157,103.66	6,220,881.57	6,233,869.40	6,960,415.20	7,204,077.04	14,119,701.60	41,895,180.55	60,432,751.90	54,809,853.91	33,240,995.86	33,292,427.70	12,411,428.85	283,978,687.24
85	NC Allocation %	81.765%	81.146%	81.214%	81.320%	81.766%	81.913%	83.575%	82.611%	83.092%	82.689%	83.703%	83.136%	
86	Calculated NC Commodity Cost Expensed	5,852,005.81	5,047,996.56	5,062,774.69	5,660,209.64	5,890,485.63	11,565,871.17	35,013,897.14	49,924,100.67	45,542,603.81	27,486,647.07	27,866,760.76	10,318,365.49	235,231,718.44
87	NC Direct Sales to Transport Customers & Cashout S	(51,284.53)	(27,741.77)	(103,952.63)	(336,930.87)	(290,832.64)	(166,777.81)	(355,485.72)	(247,083.24)	(73,784.96)	(32,691.73)	(197,639.76)	(175,294.20)	(2,059,499.86)
88	Other Adjustments (See Sch 9 for details)	-	-	-	-	-	-	-	-	-	-	-	-	-
89	**Total NC Commodity Costs Expensed**	5,800,721.28	5,020,254.79	4,958,822.06	5,323,278.77	5,599,652.99	11,399,093.36	34,658,411.42	49,677,017.43	45,468,818.85	27,453,955.34	27,669,121.00	10,143,071.29	233,172,218.58

Summary of Other Cost of Gas Charges/(Credits)
For the Twelve Month Period Ended May 31, 2019

	Reporting	June	July	August	September	October	November	December	January	February	March	April	May	
	Gas Flow	May	June	July	August	September	October	November	December	January	February	March	April	
	Items													Total
1	**NC Deferred Account Activity:**													
2	Sales Activity (1)	4,242,607.57	(468,408.26)	1,225,911.66	(136,079.06)	(433,613.03)	(5,944,056.28)	(17,981,165.20)	9,687,325.13	8,856,386.22	(132,036.70)	563,482.05	648,451.17	
3	All Customers Activity (2)	(5,366,976.82)	(5,076,013.12)	(4,759,947.24)	(4,680,056.58)	(2,850,574.82)	7,669,565.29	10,735,267.38	12,541,177.91	3,917,512.68	(576,903.73)	(5,913,738.40)	(5,687,335.75)	
4	**Total Deferred Account Activity - NC**	(1,124,369.25)	(5,544,421.38)	(3,534,035.58)	(4,816,135.64)	(3,284,187.85)	1,725,509.01	(7,245,897.82)	22,228,503.04	12,773,898.90	(708,940.43)	(5,350,256.35)	(5,038,884.58)	80,782.07
5	**Less Deferred Activity Not Effecting Cost of Gas Expense:**													
6	Gas Cost Portion of Uncollectible Write-Offs (see Schedule 8)	(394,786.57)	(531,915.29)	(499,365.58)	(234,200.56)	(31,791.12)	95,712.76	69,255.67	2,365.66	1,145.76	(89,260.50)	(198,002.41)	(372,265.01)	
7	Other Sales Customers Only Activity (see Schedule 8)	-	-	-	-	-	-	(13,721.41)	-	-	(180.83)	-	-	
8	Hedging Account Transfer (see Schedule 8)	-	-	-	-	-	-	(5,207,170.89)	-	-	-	-	-	
9	Supplier Refunds (see Schedule 9)	135,103.99	1,352.18	-	-	-	-	-	-	305,886.54	-	-	-	
10	NC Portion of OSS Revenue (see Schedule 9)	3,205,192.81	3,089,062.84	2,546,046.18	2,792,363.45	816,119.77	8,898,552.97	7,447,450.80	15,979,564.10	9,144,630.55	6,324,914.22	501,541.50	3,049,928.00	
11	NC Portion of OSS Cost (see Schedule 9)	(2,953,678.11)	(2,804,173.70)	(2,290,108.10)	(2,553,278.52)	(752,135.06)	(8,585,994.32)	(6,875,407.44)	(11,098,547.58)	(8,802,898.44)	(6,015,610.05)	(468,548.61)	(2,837,847.85)	
12	Other All Customers Activity (see Schedule 9)	-	-	-	-	-	-	(216.56)	-	-	422.72	-	1,285,339.35	
13	**Total Deferred Activity Not Effecting Cost of Gas Expense**	(8,167.88)	(245,673.97)	(243,427.50)	4,884.37	32,193.59	408,271.41	(4,579,809.83)	4,883,382.18	648,764.41	220,285.56	(165,009.52)	1,125,154.49	2,080,847.31
14	**Plus Reporting Month Estimate Commodity and Demand Costs:**													
15	NC Commodity Costs	8,986,236.49	8,801,674.97	8,713,679.70	9,295,664.89	12,495,290.05	46,458,793.14	59,072,741.78	60,345,609.94	39,182,390.03	35,887,653.68	10,943,913.89	9,456,057.01	
16	NC Demand Costs	5,182,053.30	5,643,768.71	6,325,425.28	5,703,046.15	8,780,134.53	(1,931,681.66)	855,447.38	(4,669,499.36)	(2,332,482.61)	4,042,814.28	9,902,334.97	6,968,550.84	
17	**Total Reporting Month Estimate Commodity and Demand Costs**	14,168,289.79	14,445,443.68	15,039,104.98	14,998,711.04	21,275,424.58	44,527,111.48	59,928,389.16	55,676,110.58	36,849,907.42	39,930,467.96	20,846,248.86	16,424,607.85	354,109,817.38
18	**Less Gas Flow Month Estimate Commodity and Demand Costs:**													
19	NC Commodity Costs	9,318,145.07	8,986,236.49	8,801,674.97	8,713,679.70	9,295,664.89	12,495,290.05	46,458,793.14	59,072,941.78	60,345,609.94	39,182,390.03	35,887,653.68	10,943,913.89	
20	NC Demand Costs	5,882,664.51	5,182,053.30	5,643,768.71	6,325,425.28	5,703,046.15	8,780,134.53	(1,931,681.66)	855,447.38	(4,669,499.36)	(2,332,482.61)	4,042,814.28	9,902,334.97	
21	**Total Gas Flow Month Estimate Commodity and Demand Costs**	15,200,809.58	14,168,289.79	14,445,443.68	15,039,104.98	14,998,711.04	21,275,424.58	44,527,111.48	59,928,389.16	55,676,110.58	36,849,907.42	39,930,467.96	20,846,248.86	352,886,019.11
22	**Unbilled Cost of Gas Accruals:**													
23	Less Reversal of Prior Month (Gas Flow Month)	-	-	-	-	-	-	-	-	-	-	-	-	
24	Plus Current Month (Reporting Month)	-	-	-	-	-	-	-	-	-	-	-	-	
25	**NC Unbilled Cost of Gas**	-	-	-	-	-	-	-	-	-	-	-	-	-
26	**Miscellaneous Items Effecting the Cost of Gas:**													
27	NC Odorization	-	-	-	-	-	-	-	-	-	-	-	-	
28	NC Ratepayers Portion of Capacity Release Margins	(991,242.12)	(968,769.21)	(990,415.14)	(990,438.11)	(969,040.40)	(820,015.69)	(1,704,045.32)	(1,677,937.40)	(1,777,390.76)	(1,592,247.48)	(1,944,497.02)	(1,376,686.08)	
29	Sales to Transport Customers/Cashout Shorts	51,284.53	27,741.77	103,952.63	336,930.87	290,832.64	166,777.81	355,485.72	247,083.24	73,784.96	32,691.73	197,639.76	175,294.20	
30	Other NC Reporting Month Estimate Miscellaneous Items	-	-	-	-	-	-	-	-	-	-	-	-	
31	**Total Miscellaneous Items Effecting the Cost of Gas**	(939,957.59)	(941,027.44)	(886,462.51)	(653,507.24)	(678,207.76)	(653,237.88)	(1,348,559.60)	(1,430,854.16)	(1,703,605.80)	(1,559,555.75)	(1,746,857.26)	(1,201,391.88)	(13,743,224.87)
32	**Total NC Other Cost of Gas Expense**	(3,088,678.75)	(5,962,620.96)	(3,583,409.29)	(5,514,921.19)	2,282,124.34	23,915,686.62	11,386,630.09	11,661,988.12	(8,404,674.47)	591,778.80	(26,016,323.19)	(11,787,071.96)	(14,519,491.84)

(1) - From Schedule 8 - Excludes Balances & Interest
(2) - From Schedule 9 - Excludes Balances & Interest

Piedmont Natural Gas Company, Inc.
Docket No. G-9, Sub 752

Exhibit MBT-1
Schedule 5

1

Summary of Demand and Storage Rate Changes
For the Twelve Month Period Ended May 31, 2019

	Effective Date of Change	FERC Docket No.	Description of Service	New Rate	Old Rate	Increase (Decrease)	North Carolina Utilities Commission Action		
							Effective Date	Docket No.	Order Date
1	12/1/2018	RP19-222-000	Columbia Gas FTS OTRA comp of tariff reservation rate	0.06200	0.01500	0.04700	Handled through monthly Demand True-Up		
2	12/1/2018	RP19-222-000	Columbia Gas NTS OTRA comp of tariff reservation rate	0.06200	0.01500	0.04700			
3	12/1/2018	RP19-222-000	Columbia Gas SST OTRA comp of tariff reservation rate	0.06200	0.01500	0.04700			
4	12/1/2018	RP19-222-000	Columbia Gas TPS OTRA comp of tariff reservation rate	0.06200	0.01500	0.04700			
5	2/1/2019	RP19-515-000	Columbia Gas - FTS - Base Rate Reset	5.90300	4.48400	1.41900			
6	2/1/2019	RP19-515-000	Columbia Gas - SST - Base Rate Reset	5.74300	4.32400	1.41900			
7	2/1/2019	RP19-515-000	Columbia Gas - NTS - Base Rate Reset	7.32200	5.90300	1.41900			
8	2/1/2019	RP19-515-000	Columbia Gas - TPS - Base Rate Reset	5.90300	4.48400	1.41900			
9	2/1/2019	RP19-515-000	Columbia Gas - FTS - CCRM Reset	0.00000	1.18700	(1.18700)			
10	2/1/2019	RP19-515-000	Columbia Gas - SST - CCRM Reset	0.00000	1.18700	(1.18700)			
11	2/1/2019	RP19-515-000	Columbia Gas - NTS - CCRM Reset	0.00000	1.18700	(1.18700)			
12	2/1/2019	RP19-515-000	Columbia Gas - TPS - CCRM Reset	0.00000	1.18700	(1.18700)			
13	2/1/2019	RP19-517-000	Columbia Gas - FTS - CCRM	0.47600	0.00000	0.47600			
14	2/1/2019	RP19-517-000	Columbia Gas - SST - CCRM	0.47600	0.00000	0.47600			
15	2/1/2019	RP19-517-000	Columbia Gas - NTS - CCRM	0.47600	0.00000	0.47600			
16	2/1/2019	RP19-517-000	Columbia Gas - TPS - CCRM	0.47600	0.00000	0.47600			
17	2/1/2019	RP19-638-000	Columbia Gas - FTS - CCRM	0.47400	0.47600	(0.00200)			
18	2/1/2019	RP19-638-000	Columbia Gas - SST - CCRM	0.47400	0.47600	(0.00200)			
19	2/1/2019	RP19-638-000	Columbia Gas - NTS - CCRM	0.47400	0.47600	(0.00200)			
20	2/1/2019	RP19-638-000	Columbia Gas - TPS - CCRM	0.47400	0.47600	(0.00200)			
21	4/1/2019	RP19-762-000	Columbia Gas TPS EPCA comp of tariff reservation rate	0.05800	0.07700	(0.01900)			
22	4/1/2019	RP19-762-000	Columbia Gas SST EPCA comp of tariff reservation rate	0.05800	0.07700	(0.01900)			
23	4/1/2019	RP19-762-000	Columbia Gas NTS EPCA comp of tariff reservation rate	0.05800	0.07700	(0.01900)			
24	4/1/2019	RP19-762-000	Columbia Gas FTS EPCA comp of tariff reservation rate	0.05800	0.07700	(0.01900)			
25	4/1/2019	RP19-762-000	Columbia Gas TPS EPCA comp of tariff commodity rate	0.00440	0.00800	(0.00360)			
26	4/1/2019	RP19-762-000	Columbia Gas SST EPCA comp of tariff commodity rate	0.00440	0.00800	(0.00360)			
27	4/1/2019	RP19-762-000	Columbia Gas NTS EPCA comp of tariff commodity rate	0.00440	0.00800	(0.00360)			
28	4/1/2019	RP19-762-000	Columbia Gas FTS EPCA comp of tariff commodity rate	0.00440	0.00800	(0.00360)			
29	4/1/2019	RP19-763-000	Columbia Gas FTS TCRA comp of tariff reservation rate	0.25700	0.22400	0.03300			
30	4/1/2019	RP19-763-000	Columbia Gas NTS TCRA comp of tariff reservation rate	0.25700	0.22400	0.03300			
31	4/1/2019	RP19-763-000	Columbia Gas SST TCRA comp of tariff reservation rate	0.25700	0.22400	0.03300			
32	4/1/2019	RP19-763-000	Columbia Gas TPS TCRA comp of tariff reservation rate	0.25700	0.22400	0.03300			
33	4/1/2019	RP19-763-000	Columbia Gas FTS TCRA comp of tariff commodity rate	0.00140	0.00050	0.00090			
34	4/1/2019	RP19-763-000	Columbia Gas NTS TCRA comp of tariff commodity rate	0.00140	0.00050	0.00090			
35	4/1/2019	RP19-763-000	Columbia Gas SST TCRA comp of tariff commodity rate	0.00140	0.00050	0.00090			
36	4/1/2019	RP19-763-000	Columbia Gas TPS TCRA comp of tariff commodity rate	0.00140	0.00050	0.00090			
37	4/1/2019	RP19-764-000	Columbia Gas RAM - Transportationa Retainage	1.49200	1.45400	0.03800			
38	4/1/2019	RP19-764-000	Columbia Gas RAM - Storage Gas Loss Retainage	0.00350	0.00540	(0.00190)			
39	5/1/2019	RP19-1043-000	Columbia Gas FTS OTRA comp of tariff reservation rate	0.04700	0.06200	(0.01500)			
40	5/1/2019	RP19-1043-000	Columbia Gas NTS OTRA comp of tariff reservation rate	0.04700	0.06200	(0.01500)			
41	5/1/2019	RP19-1043-000	Columbia Gas SST OTRA comp of tariff reservation rate	0.04700	0.06200	(0.01500)			
42	5/1/2019	RP19-1043-000	Columbia Gas TPS OTRA comp of tariff reservation rate	0.04700	0.06200	(0.01500)			
43	1/1/2019	RP19-262-000	Hardy Compliance Filing - Reservation	5.05900	5.48700	(0.42800)			
44	1/1/2019	RP19-262-000	Hardy Compliance Filing - Capacity	0.07203	0.07812	(0.00609)			
45	5/1/2019	RP19-1040-000	Hardy Storage - Annual (Retainage Adjustment Mechanism) RAM	0.00536	0.00744	(0.00208)			
46	5/1/2019	RP19-945-000	Pine Needle LNG - EP Unit Rate Change	0.01131	0.01238	(0.00107)			
47	5/1/2019	RP19-945-000	Pine Needle LNG - Fuel Retention Percentage	0.02240	0.02280	(0.00040)			
48	11/1/2018	RP19-163-000	Transco GSS -Injection Charge	0.05061	0.05082	(0.00021)			
49	11/1/2018	RP19-163-000	Transco GSS - Overrun Charge	0.81968	0.81990	(0.00022)			
50	11/1/2018	RP19-163-000	Transco GSS - Withdrawal Charge	0.04292	0.04314	(0.00022)			
51	11/1/2018	RP19-009-000	Transco LNG - Fuel Retention Percentage	0.32160	0.42900	(0.10740)			
52	3/1/2019	RP18-1126-000	Transco - BASE 1-1 Commodity Rate Case Filing	0.00206	0.00172	0.00034			
53	3/1/2019	RP18-1126-000	Transco - BASE 1-1 Demand Rate Case Filing	0.08271	0.07746	0.00525			
54	3/1/2019	RP18-1126-000	Transco - BASE 1-2 Commodity Rate Case Filing	0.00558	0.00459	0.00099			
55	3/1/2019	RP18-1126-000	Transco - BASE 1-2 Demand Rate Case Filing	0.12476	0.10643	0.01833			
56	3/1/2019	RP18-1126-000	Transco - BASE 1-3 Commodity Rate Case Filing	0.00823	0.00695	0.00128			
57	3/1/2019	RP18-1126-000	Transco - BASE 1-3 Demand Rate Case Filing	0.18736	0.15129	0.03607			
58	3/1/2019	RP18-1126-000	Transco - BASE 1-4 Commodity Rate Case Filing	0.02049	0.01722	0.00327			
59	3/1/2019	RP18-1126-000	Transco - BASE 1-4 Demand Rate Case Filing	0.42693	0.31928	0.10765			
60	3/1/2019	RP18-1126-000	Transco - BASE 1-4 Demand Rate Case Filing	0.76226	0.60631	0.15595			
61	3/1/2019	RP18-1126-000	Transco - BASE 1-5 Commodity Rate Case Filing	0.02699	0.02498	0.00201			
62	3/1/2019	RP18-1126-000	Transco - BASE 1-5 Demand Rate Case Filing	0.58925	0.43300	0.15625			
63	3/1/2019	RP18-1126-000	Transco - BASE 1-5 Demand Rate Case Filing	1.06849	0.83491	0.23358			
64	3/1/2019	RP18-1126-000	Transco - BASE 1-6 Commodity Rate Case Filing	0.03103	0.02952	0.00151			
65	3/1/2019	RP18-1126-000	Transco - BASE 1-6 Demand Rate Case Filing	0.68248	0.50064	0.18184			
66	3/1/2019	RP18-1126-000	Transco - BASE 1-6 Demand Rate Case Filing	1.27357	0.99418	0.27939			
67	3/1/2019	RP18-1126-000	Transco - BASE 2-2 Commodity Rate Case Filing	0.00390	0.00319	0.00071			
68	3/1/2019	RP18-1126-000	Transco - BASE 2-2 Commodity Rate Case Filing	0.11112	0.09117	0.01995			
69	3/1/2019	RP18-1126-000	Transco - BASE 2-3 Commodity Rate Case Filing	0.00655	0.00555	0.00100			
70	3/1/2019	RP18-1126-000	Transco - BASE 2-3 Demand Rate Case Filing	0.17372	0.13603	0.03769			
71	3/1/2019	RP18-1126-000	Transco - BASE 2-4 Commodity Rate Case Filing	0.01881	0.01582	0.00299			
72	3/1/2019	RP18-1126-000	Transco - BASE 2-4 Demand Rate Case Filing	0.41329	0.30402	0.10927			
73	3/1/2019	RP18-1126-000	Transco - BASE 2-4 Demand Rate Case Filing	0.73791	0.57733	0.16058			
74	3/1/2019	RP18-1126-000	Transco - BASE 2-5 Commodity Rate Case Filing	0.02531	0.02358	0.00173			
75	3/1/2019	RP18-1126-000	Transco - BASE 2-5 Demand Rate Case Filing	0.57561	0.41774	0.15787			
76	3/1/2019	RP18-1126-000	Transco - BASE 2-5 Demand Rate Case Filing	1.04414	0.80593	0.23821			
77	3/1/2019	RP18-1126-000	Transco - BASE 2-6 Commodity Rate Case Filing	0.02935	0.02812	0.00123			
78	3/1/2019	RP18-1126-000	Transco - BASE 2-6 Demand Rate Case Filing	0.66884	0.48538	0.18346			
79	3/1/2019	RP18-1126-000	Transco - BASE 2-6 Demand Rate Case Filing	1.24922	0.96520	0.28402			
80	3/1/2019	RP18-1126-000	Transco - BASE 3-3 Commodity Rate Case Filing	0.00467	0.00219	0.00248			
81	3/1/2019	RP18-1126-000	Transco - BASE 3-3 Commodity Rate Case Filing	0.00303	0.00268	0.00035			
82	3/1/2019	RP18-1126-000	Transco - BASE 3-3 Commodity Rate Case Filing	0.13167	0.10706	0.02461			

Piedmont Natural Gas Company, Inc.
Docket No. G-9, Sub 752

Exhibit MBT-1
Schedule 5

Summary of Demand and Storage Rate Changes
For the Twelve Month Period Ended May 31, 2019

							North Carolina Utilities Commission Action		
	Effective Date of Change	FERC Docket No.	Description of Service	New Rate	Old Rate	Increase (Decrease)	Effective Date	Docket No.	Order Date
83	3/1/2019	RP18-1126-000	Transco - BASE 3-3 Demand Rate Case Filing	0.13167	0.10706	0.02461			
84	3/1/2019	RP18-1126-000	Transco - BASE 3-4 Commodity Rate Case Filing	0.01529	0.01295	0.00234			
85	3/1/2019	RP18-1126-000	Transco - BASE 3-4 Commodity Rate Case Filing	0.02831	0.01886	0.00945			
86	3/1/2019	RP18-1126-000	Transco - BASE 3-4 Demand Rate Case Filing	0.25222	0.26735	(0.01513)			
87	3/1/2019	RP18-1126-000	Transco - BASE 3-4 Demand Rate Case Filing	0.66283	0.52232	0.14051			
88	3/1/2019	RP18-1126-000	Transco - BASE 3-5 Commodity Rate Case Filing	0.02179	0.02071	0.00108			
89	3/1/2019	RP18-1126-000	Transco - BASE 3-5 Commodity Rate Case Filing	0.03548	0.02417	0.01131			
90	3/1/2019	RP18-1126-000	Transco - BASE 3-5 Demand Rate Case Filing	0.25222	0.26735	(0.01513)			
91	3/1/2019	RP18-1126-000	Transco - BASE 3-5 Demand Rate Case Filing	0.53356	0.38877	0.14479			
92	3/1/2019	RP18-1126-000	Transco - BASE 3-5 Demand Rate Case Filing	0.96906	0.75092	0.21814			
93	3/1/2019	RP18-1126-000	Transco - BASE 3-6 Commodity Rate Case Filing	0.02583	0.02525	0.00058			
94	3/1/2019	RP18-1126-000	Transco - BASE 3-6 Demand Rate Case Filing	0.62679	0.45641	0.17038			
95	3/1/2019	RP18-1126-000	Transco - BASE 3-6 Demand Rate Case Filing	1.17414	0.91019	0.26395			
96	3/1/2019	RP18-1126-000	Transco - BASE 4-4 Commodity Rate Case Filing	0.01264	0.01059	0.00205			
97	3/1/2019	RP18-1126-000	Transco - BASE 4-4 Commodity Rate Case Filing	0.02402	0.01699	0.00703			
98	3/1/2019	RP18-1126-000	Transco - BASE 4-4 Demand Rate Case Filing	0.18925	0.20742	(0.01817)			
99	3/1/2019	RP18-1126-000	Transco - BASE 4-4 Demand Rate Case Filing	0.30864	0.23019	0.07845			
100	3/1/2019	RP18-1126-000	Transco - BASE 4-5 Commodity Rate Case Filing	0.01914	0.01835	0.00079			
101	3/1/2019	RP18-1126-000	Transco - BASE 4-5 Commodity Rate Case Filing	0.03119	0.02230	0.00889			
102	3/1/2019	RP18-1126-000	Transco - BASE 4-5 Demand Rate Case Filing	0.18925	0.20742	(0.01817)			
103	3/1/2019	RP18-1126-000	Transco - BASE 4-5 Demand Rate Case Filing	0.47096	0.34391	0.12705			
104	3/1/2019	RP18-1126-000	Transco - BASE 4-6 Commodity Rate Case Filing	0.02318	0.02289	0.00029			
105	3/1/2019	RP18-1126-000	Transco - BASE 4-6 Demand Rate Case Filing	0.56419	0.41155	0.15264			
106	3/1/2019	RP18-1126-000	Transco - BASE 5-5 Commodity Rate Case Filing	0.00755	0.00563	0.00192			
107	3/1/2019	RP18-1126-000	Transco - BASE 5-5 Commodity Rate Case Filing	0.00688	0.00808	(0.00120)			
108	3/1/2019	RP18-1126-000	Transco - BASE 5-5 Demand Rate Case Filing	0.23139	0.17592	0.05547			
109	3/1/2019	RP18-1126-000	Transco - BASE 5-6 Commodity Rate Case Filing	0.01092	0.01262	(0.00170)			
110	3/1/2019	RP18-1126-000	Transco - BASE 5-6 Demand Rate Case Filing	0.32462	0.24356	0.08106			
111	3/1/2019	RP18-1126-000	Transco - BASE 6-6 Commodity Rate Case Filing	0.00442	0.00486	(0.00044)			
112	3/1/2019	RP18-1126-000	Transco - BASE 6-6 Demand Rate Case Filing	0.16230	0.12984	0.03246			
113	3/1/2019	RP18-1126-000	Transco - BASE1-4A Commodity Rate Case Filing	0.02049	0.01722	0.00327			
114	3/1/2019	RP18-1126-000	Transco - BASE1-4A Commodity Rate Case Filing	0.42693	0.31928	0.10765			
115	3/1/2019	RP18-1126-000	Transco - BASE2-4A Commodity Rate Case Filing	0.01881	0.01582	0.00299			
116	3/1/2019	RP18-1126-000	Transco - BASE2-4A Commodity Rate Case Filing	0.41329	0.30402	0.10927			
117	3/1/2019	RP18-1126-000	Transco - BASE3-4A Commodity Rate Case Filing	0.01529	0.01295	0.00234			
118	3/1/2019	RP18-1126-000	Transco - BASE3-4A Commodity Rate Case Filing	0.02831	0.01886	0.00945			
119	3/1/2019	RP18-1126-000	Transco - BASE3-4A Commodity Rate Case Filing	0.37124	0.27505	0.09619			
120	3/1/2019	RP18-1126-000	Transco - BASE3WSS Commodity Rate Case Filing	0.00038	0.00032	0.00006			
121	3/1/2019	RP18-1126-000	Transco - BASE4-4A Commodity Rate Case Filing	0.01264	0.01059	0.00205			
122	3/1/2019	RP18-1126-000	Transco - BASE4-4A Commodity Rate Case Filing	0.02402	0.01699	0.00703			
123	3/1/2019	RP18-1126-000	Transco - BASE4-4A Commodity Rate Case Filing	0.30864	0.23019	0.07845			
124	3/1/2019	RP18-1126-000	Transco - BASE4A4A Commodity Rate Case Filing	0.00314	0.00240	0.00074			
125	3/1/2019	RP18-1126-000	Transco - BASE4A4A Demand Rate Case Filing	0.12611	0.09898	0.02713			
126	3/1/2019	RP18-1126-000	Transco - BASE4A4B Commodity Rate Case Filing	0.00513	0.00399	0.00114			
127	3/1/2019	RP18-1126-000	Transco - BASE4A-5 Commodity Rate Case Filing	0.02228	0.02075	0.00153			
128	3/1/2019	RP18-1126-000	Transco - BASE4A-6 Commodity Rate Case Filing	0.02632	0.02529	0.00103			
129	3/1/2019	RP18-1126-000	Transco - BASE4B4B Commodity Rate Case Filing	0.00237	0.00191	0.00046			
130	3/1/2019	RP18-1126-000	Transco - BASE4B4B Demand Rate Case Filing	0.10271	0.08637	0.01634			
131	3/1/2019	RP18-1126-000	Transco - BASE5-4A Commodity Rate Case Filing	0.01914	0.01835	0.00079			
132	3/1/2019	RP18-1126-000	Transco - BASE5-4A Commodity Rate Case Filing	0.47096	0.34391	0.12705			
133	3/1/2019	RP18-1126-000	Transco - BASE5Z4 Commodity Rate Case Filing	0.01914	0.01835	0.00079			
134	3/1/2019	RP18-1126-000	Transco - BASE6-4A Commodity Rate Case Filing	0.02318	0.02289	0.00029			
135	3/1/2019	RP18-1126-000	Transco - BASE6-4A Commodity Rate Case Filing	0.56419	0.41155	0.15264			
136	3/1/2019	RP18-1126-000	Transco - ESS CAPACITY Rate Case Filing	0.00412	0.00252	0.00160			
137	3/1/2019	RP18-1126-000	Transco - ESS DEMAND Rate Case Filing	0.02979	0.02109	0.00870			
138	3/1/2019	RP18-1126-000	Transco - ESS INJ CHRG Rate Case Filing	0.06141	0.04113	0.02028			
139	3/1/2019	RP18-1126-000	Transco - ESS WTH CHRG Rate Case Filing	0.06141	0.04113	0.02028			
140	3/1/2019	RP18-1126-000	Transco - GSSTRAN CAPACITY Rate Case Filing	0.00077	0.00053	0.00024			
141	3/1/2019	RP18-1126-000	Transco - GSSTRAN DEMAND Rate Case Filing	0.12969	0.10068	0.02901			
142	3/1/2019	RP18-1126-000	Transco - GSSTRAN INJ CHRG Rate Case Filing	0.04655	0.05061	(0.00406)			
143	3/1/2019	RP18-1126-000	Transco - GSSTRAN INJ FUEL Rate Case Filing	0.02160	0.02250	(0.00090)			
144	3/1/2019	RP18-1126-000	Transco - GSSTRAN OVERRUN Rate Case Filing	1.07302	0.81968	0.25334			
145	3/1/2019	RP18-1126-000	Transco - GSSTRAN WTH CHRG Rate Case Filing	0.04059	0.04292	(0.00233)			
146	3/1/2019	RP18-1126-000	Transco - LNG CAPACITY Rate Case Filing	0.01020	0.00670	0.00350			
147	3/1/2019	RP18-1126-000	Transco - LNG DEMAND Rate Case Filing	0.05295	0.03479	0.01816			
148	3/1/2019	RP18-1126-000	Transco - LNG INJ CHRG Rate Case Filing	0.10771	0.30549	(0.19778)			
149	3/1/2019	RP18-1126-000	Transco - LNG WTH CHRG Rate Case Filing	0.10771	0.30549	(0.19778)			
150	3/1/2019	RP18-1126-000	Transco - WSS CAPACITY Rate Case Filing	0.00035	0.00027	0.00008			
151	3/1/2019	RP18-1126-000	Transco - WSS DEMAND Rate Case Filing	0.03299	0.02557	0.00742			
152	3/1/2019	RP18-1126-000	Transco - WSS INJ CHRG Rate Case Filing	0.03113	0.01456	0.01657			
153	3/1/2019	RP18-1126-000	Transco - WSS WTH CHRG Rate Case Filing	0.03113	0.01456	0.01657			
154	4/1/2019	RP19-798-000	Transco - GSS Tran Injection Fuel Retention %	0.02160	0.02730	(0.00570)			
155	4/1/2019	RP19-798-000	Transco - Wss Injection Fuel Retention %	0.01370	0.01300	0.00070			
156	4/1/2019	RP19-798-000	Transco - FH FUEL 1-1	0.22000	0.23000	(0.01000)			
157	4/1/2019	RP19-798-000	Transco - FH FUEL 1-2	0.58000	0.55000	0.03000			
158	4/1/2019	RP19-798-000	Transco - FH FUEL 1-3	0.94000	0.81000	0.13000			
159	4/1/2019	RP19-798-000	Transco - FH FUEL 1-4	2.30000	2.14000	0.16000			
160	4/1/2019	RP19-798-000	Transco - FH FUEL1-4A	2.30000	2.14000	0.16000			
161	4/1/2019	RP19-798-000	Transco - FH FUEL 1-5	3.19000	2.97000	0.22000			
162	4/1/2019	RP19-798-000	Transco - FH FUEL 1-6	3.74000	3.64000	0.10000			
163	4/1/2019	RP19-798-000	Transco - FH FUEL 2-2	0.36000	0.32000	0.04000			
164	4/1/2019	RP19-798-000	Transco - FH FUEL 2-3	0.72000	0.58000	0.14000			

Summary of Demand and Storage Rate Changes
For the Twelve Month Period Ended May 31, 2019

							North Carolina Utilities Commission Action		
	Effective Date of Change	FERC Docket No.	Description of Service	New Rate	Old Rate	Increase (Decrease)	Effective Date	Docket No.	Order Date
165	4/1/2019	RP19-798-000	Transco - FH FUEL 2-4	2.08000	1.91000	0.17000			
166	4/1/2019	RP19-798-000	Transco - FH FUEL 2-4	2.08000	1.91000	0.17000			
167	4/1/2019	RP19-798-000	Transco - FH FUEL2-4A	2.08000	1.91000	0.17000			
168	4/1/2019	RP19-798-000	Transco - FH FUEL 2-5	2.97000	2.74000	0.23000			
169	4/1/2019	RP19-798-000	Transco - FH FUEL 2-6	3.52000	3.41000	0.11000			
170	4/1/2019	RP19-798-000	Transco - FH FUEL 3-3	0.36000	0.26000	0.10000			
171	4/1/2019	RP19-798-000	Transco - FH FUEL 3-4	1.72000	1.59000	0.13000			
172	4/1/2019	RP19-798-000	Transco - FH FUEL 3-4	1.72000	1.59000	0.13000			
173	4/1/2019	RP19-798-000	Transco - FH FUEL3-4A	1.72000	1.59000	0.13000			
174	4/1/2019	RP19-798-000	Transco - FH FUEL 3-5	2.61000	2.42000	0.19000			
175	4/1/2019	RP19-798-000	Transco - FH FUEL 3-6	3.16000	3.09000	0.07000			
176	4/1/2019	RP19-798-000	Transco - FH FUEL 4-4	1.36000	1.33000	0.03000			
177	4/1/2019	RP19-798-000	Transco - FH FUEL4-4A	1.36000	1.33000	0.03000			
178	4/1/2019	RP19-798-000	Transco - FH FUEL 4-5	2.25000	2.16000	0.09000			
179	4/1/2019	RP19-798-000	Transco - FH FUEL 4-6	2.80000	2.83000	(0.03000)			
180	4/1/2019	RP19-798-000	Transco - BH FUEL 5-1	0.89000	1.64000	(0.75000)			
181	4/1/2019	RP19-798-000	Transco - BH FUEL 5-2	0.89000	1.41000	(0.52000)			
182	4/1/2019	RP19-798-000	Transco - BH FUEL 5-3	0.89000	1.09000	(0.20000)			
183	4/1/2019	RP19-798-000	Transco - BH FUEL 5-4	0.89000	0.83000	0.06000			
184	4/1/2019	RP19-798-000	Transco - FH FUEL 5-4	0.89000	0.83000	0.06000			
185	4/1/2019	RP19-798-000	Transco - BH FUEL 5-5	0.89000	0.83000	0.06000			
186	4/1/2019	RP19-798-000	Transco - BH FUEL 5-5	0.89000	0.83000	0.06000			
187	4/1/2019	RP19-798-000	Transco - FH FUEL 5-5	0.89000	0.83000	0.06000			
188	4/1/2019	RP19-798-000	Transco - FH FUEL 5-6	1.44000	1.50000	(0.06000)			
189	4/1/2019	RP19-798-000	Transco - FH FUEL 6-4	1.44000	1.50000	(0.06000)			
190	4/1/2019	RP19-798-000	Transco - BH FUEL 6-4	1.44000	1.50000	(0.06000)			
191	4/1/2019	RP19-798-000	Transco - BH FUEL 6-5	1.44000	1.50000	(0.06000)			
192	4/1/2019	RP19-798-000	Transco - BH FUEL 6-5	1.44000	1.50000	(0.06000)			
193	4/1/2019	RP19-798-000	Transco - FH FUEL 6-5	1.44000	1.50000	(0.06000)			
194	4/1/2019	RP19-798-000	Transco - FH FUEL 6-6	0.55000	0.67000	(0.12000)			
195	4/1/2019	RP19-800-000	Transco - EP 1-1	0.00042	0.00127	(0.00085)			
196	4/1/2019	RP19-800-000	Transco - EP 1-2	0.00115	0.00305	(0.00190)			
197	4/1/2019	RP19-800-000	Transco - EP 1-2	0.00147	0.00398	(0.00251)			
198	4/1/2019	RP19-800-000	Transco - EP 1-3	0.00176	0.00452	(0.00276)			
199	4/1/2019	RP19-800-000	Transco - EP 1-3	0.00242	0.00622	(0.00380)			
200	4/1/2019	RP19-800-000	Transco - EP 1-4	0.00428	0.01161	(0.00733)			
201	4/1/2019	RP19-800-000	Transco - EP 1-4	0.00596	0.01572	(0.00976)			
202	4/1/2019	RP19-800-000	Transco - EP 1-4A	0.00428	0.01161	(0.00733)			
203	4/1/2019	RP19-800-000	Transco - EP 1-4A	0.00684	0.01794	(0.01110)			
204	4/1/2019	RP19-800-000	Transco - EP 1-5	0.00601	0.01627	(0.01026)			
205	4/1/2019	RP19-800-000	Transco - EP 1-5	0.00858	0.02225	(0.01367)			
206	4/1/2019	RP19-800-000	Transco - EP 1-6	0.00710	0.02005	(0.01295)			
207	4/1/2019	RP19-800-000	Transco - EP 1-6	0.01015	0.02713	(0.01698)			
208	4/1/2019	RP19-800-000	Transco - EP 2-2	0.00073	0.00178	(0.00105)			
209	4/1/2019	RP19-800-000	Transco - EP 2-2	0.00095	0.00237	(0.00142)			
210	4/1/2019	RP19-800-000	Transco - EP 2-3	0.00134	0.00325	(0.00191)			
211	4/1/2019	RP19-800-000	Transco - EP 2-3	0.00190	0.00461	(0.00271)			
212	4/1/2019	RP19-800-000	Transco - EP 2-4	0.00386	0.01034	(0.00648)			
213	4/1/2019	RP19-800-000	Transco - EP 2-4	0.00544	0.01411	(0.00867)			
214	4/1/2019	RP19-800-000	Transco - EP 2-4A	0.00386	0.01034	(0.00648)			
215	4/1/2019	RP19-800-000	Transco - EP 2-4A	0.00632	0.01633	(0.01001)			
216	4/1/2019	RP19-800-000	Transco - EP 2-5	0.00559	0.01500	(0.00941)			
217	4/1/2019	RP19-800-000	Transco - EP 2-5	0.00806	0.02064	(0.01258)			
218	4/1/2019	RP19-800-000	Transco - EP 2-6	0.00668	0.01878	(0.01210)			
219	4/1/2019	RP19-800-000	Transco - EP 2-6	0.00963	0.02552	(0.01589)			
220	4/1/2019	RP19-800-000	Transco - EP 3-3	0.00061	0.00147	(0.00086)			
221	4/1/2019	RP19-800-000	Transco - EP 3-3	0.00095	0.00224	(0.00129)			
222	4/1/2019	RP19-800-000	Transco - EP 3-3	0.00061	0.00147	(0.00086)			
223	4/1/2019	RP19-800-000	Transco - EP 3-4	0.00313	0.00856	(0.00543)			
224	4/1/2019	RP19-800-000	Transco - EP 3-4	0.00449	0.01174	(0.00725)			
225	4/1/2019	RP19-800-000	Transco - EP 3-4	0.00313	0.00856	(0.00543)			
226	4/1/2019	RP19-800-000	Transco - EP 3-4A	0.00313	0.00856	(0.00543)			
227	4/1/2019	RP19-800-000	Transco - EP 3-4A	0.00537	0.01396	(0.00859)			
228	4/1/2019	RP19-800-000	Transco - EP 3-4A	0.00313	0.00856	(0.00543)			
229	4/1/2019	RP19-800-000	Transco - EP 3-5	0.00486	0.01322	(0.00836)			
230	4/1/2019	RP19-800-000	Transco - EP 3-5	0.00711	0.01827	(0.01116)			
231	4/1/2019	RP19-800-000	Transco - EP 3-6	0.00595	0.01700	(0.01105)			
232	4/1/2019	RP19-800-000	Transco - EP 3-6	0.00860	0.02315	(0.01455)			
233	4/1/2019	RP19-800-000	Transco - EP 4-4	0.00252	0.00709	(0.00457)			
234	4/1/2019	RP19-800-000	Transco - EP 4-4	0.00354	0.00950	(0.00596)			
235	4/1/2019	RP19-800-000	Transco - EP 4-4A	0.00442	0.01172	(0.00730)			
236	4/1/2019	RP19-800-000	Transco - EP 4-4A	0.00252	0.00709	(0.00457)			
237	4/1/2019	RP19-800-000	Transco - EP 4-5	0.00425	0.01175	(0.00750)			
238	4/1/2019	RP19-800-000	Transco - EP 4-5	0.00616	0.01603	(0.00987)			
239	4/1/2019	RP19-800-000	Transco - EP 4-6	0.00534	0.01553	(0.01019)			
240	4/1/2019	RP19-800-000	Transco - EP 4-6	0.00773	0.02091	(0.01318)			
241	4/1/2019	RP19-800-000	Transco - EP 4A-4A	0.00143	0.00175	(0.00032)			
242	4/1/2019	RP19-800-000	Transco - EP 4A-4A	0.00066	0.00175	(0.00109)			
243	4/1/2019	RP19-800-000	Transco - EP 4A-4B	0.00118	0.00303	(0.00185)			
244	4/1/2019	RP19-800-000	Transco - EP 4A-4B	0.00262	0.00303	(0.00041)			
245	4/1/2019	RP19-800-000	Transco - EP 4A-5	0.00491	0.01350	(0.00859)			
246	4/1/2019	RP19-800-000	Transco - EP 4A-6	0.00600	0.01728	(0.01128)			

Piedmont Natural Gas Company, Inc.
Docket No. G-9, Sub 752

Exhibit MBT-1
Schedule 5

Summary of Demand and Storage Rate Changes
For the Twelve Month Period Ended May 31, 2019

	Effective Date of Change	FERC Docket No.	Description of Service	New Rate	Old Rate	Increase (Decrease)	North Carolina Utilities Commission Action: Effective Date	Docket No.	Order Date
247	4/1/2019	RP19-800-000	Transco - EP 4B-4B	0.00052	0.00128	(0.00076)			
248	4/1/2019	RP19-800-000	Transco - EP 5-4	0.00425	0.01175	(0.00750)			
249	4/1/2019	RP19-800-000	Transco - EP 5-4A	0.00425	0.01175	(0.00750)			
250	4/1/2019	RP19-800-000	Transco - EP 5-4A	0.00442	0.01825	(0.01383)			
251	4/1/2019	RP19-800-000	Transco - EP 5-5	0.00262	0.00653	(0.00391)			
252	4/1/2019	RP19-800-000	Transco - EP 5-5	0.00173	0.00466	(0.00293)			
253	4/1/2019	RP19-800-000	Transco - EP 5-5	0.00262	0.00653	(0.00391)			
254	4/1/2019	RP19-800-000	Transco - EP 5-5	0.00173	0.00466	(0.00293)			
255	4/1/2019	RP19-800-000	Transco - EP 5-6	0.00419	0.01141	(0.00722)			
256	4/1/2019	RP19-800-000	Transco - EP 5-6	0.00282	0.00844	(0.00562)			
257	4/1/2019	RP19-800-000	Transco - EP 5-6	0.00419	0.01141	(0.00722)			
258	4/1/2019	RP19-800-000	Transco - EP 5-6	0.00282	0.00844	(0.00562)			
259	4/1/2019	RP19-800-000	Transco - EP 5Z4	0.00425	0.01175	(0.00750)			
260	4/1/2019	RP19-800-000	Transco - EP 6-4	0.00534	0.01553	(0.01019)			
261	4/1/2019	RP19-800-000	Transco - EP 6-4A	0.00425	0.01553	(0.01128)			
262	4/1/2019	RP19-800-000	Transco - EP 6-4A	0.00704	0.02313	(0.01609)			
263	4/1/2019	RP19-800-000	Transco - EP 6-5	0.00419	0.01141	(0.00722)			
264	4/1/2019	RP19-800-000	Transco - EP 6-5	0.00282	0.00844	(0.00562)			
265	4/1/2019	RP19-800-000	Transco - EP 6-6	0.00109	0.00378	(0.00269)			
266	4/1/2019	RP19-800-000	Transco - EP 6-6	0.00157	0.00488	(0.00331)			
267	4/1/2019	RP19-800-000	Transco - EP 6-6	0.00109	0.00378	(0.00269)			
268	4/1/2019	RP19-800-000	Transco - EP 6-6	0.00109	0.00378	(0.00269)			
269	4/1/2019	RP19-800-000	Transco - VC 1-1	0.00172	0.00206	(0.00034)			
270	4/1/2019	RP19-800-000	Transco - VC 1-2	0.00459	0.00558	(0.00099)			
271	4/1/2019	RP19-800-000	Transco - VC 1-3	0.00695	0.00823	(0.00128)			
272	4/1/2019	RP19-800-000	Transco - VC 1-4	0.01722	0.02049	(0.00327)			
273	4/1/2019	RP19-800-000	Transco - VC 1-4A	0.01930	0.02325	(0.00395)			
274	4/1/2019	RP19-800-000	Transco - VC 1-5	0.02498	0.02699	(0.00201)			
275	4/1/2019	RP19-800-000	Transco - VC 1-6	0.02952	0.03103	(0.00151)			
276	4/1/2019	RP19-800-000	Transco - VC 2-2	0.00319	0.00390	(0.00071)			
277	4/1/2019	RP19-800-000	Transco - VC 2-3	0.00555	0.00655	(0.00100)			
278	4/1/2019	RP19-800-000	Transco - VC 2-4	0.01582	0.01881	(0.00299)			
279	4/1/2019	RP19-800-000	Transco - VC 2-4A	0.01790	0.02157	(0.00367)			
280	4/1/2019	RP19-800-000	Transco - VC 2-5	0.02358	0.02531	(0.00173)			
281	4/1/2019	RP19-800-000	Transco - VC 2-6	0.02812	0.02935	(0.00123)			
282	4/1/2019	RP19-800-000	Transco - VC 3-3	0.00268	0.00303	(0.00035)			
283	4/1/2019	RP19-800-000	Transco - VC 3-4	0.01295	0.01529	(0.00234)			
284	4/1/2019	RP19-800-000	Transco - VC 3-4A	0.01503	0.01805	(0.00302)			
285	4/1/2019	RP19-800-000	Transco - VC 3-5	0.02071	0.02179	(0.00108)			
286	4/1/2019	RP19-800-000	Transco - VC 3-6	0.02525	0.02583	(0.00058)			
287	4/1/2019	RP19-800-000	Transco - VC 4-4	0.01059	0.01264	(0.00205)			
288	4/1/2019	RP19-800-000	Transco - VC 4-4A	0.01267	0.01540	(0.00273)			
289	4/1/2019	RP19-800-000	Transco - VC 4-5	0.01835	0.01914	(0.00079)			
290	4/1/2019	RP19-800-000	Transco - VC 4-6	0.02289	0.02318	(0.00029)			
291	4/1/2019	RP19-800-000	Transco - VC 5-4A	0.01835	0.02190	(0.00355)			
292	4/1/2019	RP19-800-000	Transco - VC 5-5	0.00808	0.00688	0.00120			
293	4/1/2019	RP19-800-000	Transco - VC 5-5	0.00808	0.00688	0.00120			
294	4/1/2019	RP19-800-000	Transco - VC 5-6	0.01262	0.01092	0.00170			
295	4/1/2019	RP19-800-000	Transco - VC 5-6	0.01262	0.01092	0.00170			
296	4/1/2019	RP19-800-000	Transco - VC 6-4A	0.02289	0.02318	(0.00029)			
297	4/1/2019	RP19-800-000	Transco - VC 6-5	0.01262	0.01092	0.00170			
298	4/1/2019	RP19-800-000	Transco - VC 6-6	0.00486	0.00442	0.00044			
299	4/1/2019	RP19-800-000	Transco - EP 1-1	0.00010	0.00034	(0.00024)			
300	4/1/2019	RP19-800-000	Transco - EP 1-2	0.00032	0.00093	(0.00061)			
301	4/1/2019	RP19-800-000	Transco - EP 1-3	0.00066	0.00170	(0.00104)			
302	4/1/2019	RP19-800-000	Transco - EP 1-4	0.00168	0.00411	(0.00243)			
303	4/1/2019	RP19-800-000	Transco - EP 1-4	0.00320	0.00733	(0.00413)			
304	4/1/2019	RP19-800-000	Transco - EP 1-5	0.00257	0.00598	(0.00341)			
305	4/1/2019	RP19-800-000	Transco - EP 1-5	0.00499	0.01086	(0.00587)			
306	4/1/2019	RP19-800-000	Transco - EP 1-6	0.00305	0.00708	(0.00403)			
307	4/1/2019	RP19-800-000	Transco - EP 1-6	0.00612	0.01328	(0.00716)			
308	4/1/2019	RP19-800-000	Transco - EP 2-2	0.00022	0.00059	(0.00037)			
309	4/1/2019	RP19-800-000	Transco - EP 2-3	0.00056	0.00136	(0.00080)			
310	4/1/2019	RP19-800-000	Transco - EP 2-4	0.00158	0.00377	(0.00219)			
311	4/1/2019	RP19-800-000	Transco - EP 2-4	0.00201	0.00377	(0.00176)			
312	4/1/2019	RP19-800-000	Transco - EP 2-4	0.00301	0.00672	(0.00371)			
313	4/1/2019	RP19-800-000	Transco - EP 2-5	0.00247	0.00564	(0.00317)			
314	4/1/2019	RP19-800-000	Transco - EP 2-5	0.00480	0.01025	(0.00545)			
315	4/1/2019	RP19-800-000	Transco - EP 2-6	0.00295	0.00674	(0.00379)			
316	4/1/2019	RP19-800-000	Transco - EP 2-6	0.00593	0.01267	(0.00674)			
317	4/1/2019	RP19-800-000	Transco - EP 3-3	0.00034	0.00077	(0.00043)			
318	4/1/2019	RP19-800-000	Transco - EP 3-4	0.00136	0.00318	(0.00182)			
319	4/1/2019	RP19-800-000	Transco - EP 3-4	0.00259	0.00567	(0.00308)			
320	4/1/2019	RP19-800-000	Transco - EP 3-4	0.00136	0.00318	(0.00182)			
321	4/1/2019	RP19-800-000	Transco - EP 3-5	0.00225	0.00505	(0.00280)			
322	4/1/2019	RP19-800-000	Transco - EP 3-5	0.00438	0.00920	(0.00482)			
323	4/1/2019	RP19-800-000	Transco - EP 3-5	0.00225	0.00505	(0.00280)			
324	4/1/2019	RP19-800-000	Transco - EP 3-6	0.00273	0.00615	(0.00342)			
325	4/1/2019	RP19-800-000	Transco - EP 3-6	0.00551	0.01162	(0.00611)			
326	4/1/2019	RP19-800-000	Transco - EP 4-4	0.00102	0.00241	(0.00139)			
327	4/1/2019	RP19-800-000	Transco - EP 4-5	0.00191	0.00428	(0.00237)			
328	4/1/2019	RP19-800-000	Transco - EP 4-6	0.00239	0.00538	(0.00299)			

Summary of Demand and Storage Rate Changes
For the Twelve Month Period Ended May 31, 2019

							North Carolina Utilities Commission Action		
	Effective Date of Change	FERC Docket No.	Description of Service	New Rate	Old Rate	Increase (Decrease)	Effective Date	Docket No.	Order Date
329	4/1/2019	RP19-800-000	Transco - EP 4A-4A	0.00022	0.00047	(0.00025)			
330	4/1/2019	RP19-800-000	Transco - EP 4B-4B	0.00019	0.00040	(0.00021)			
331	4/1/2019	RP19-800-000	Transco - EP 5-5	0.00089	0.00187	(0.00098)			
332	4/1/2019	RP19-800-000	Transco - EP 5-6	0.00137	0.00297	(0.00160)			
333	4/1/2019	RP19-800-000	Transco - EP 6-4	0.00239	0.00538	(0.00299)			
334	4/1/2019	RP19-800-000	Transco - EP 6-5	0.00137	0.00297	(0.00160)			
335	4/1/2019	RP19-800-000	Transco - EP 6-6	0.00048	0.00110	(0.00062)			
336	8/1/2018	RP18-912-000	TETCO - Alternate Usage Charges - Zone STX - Zone M1	1.11470	1.11780	(0.00310)			
337	8/1/2018	RP18-912-000	TETCO - Alternate Usage Charges - Zone WLA - Zone M1	0.71910	0.72220	(0.00310)			
338	8/1/2018	RP18-912-000	TETCO - Alternate Usage Charges - Zone ELA - Zone M1	0.67320	0.67630	(0.00310)			
339	8/1/2018	RP18-912-000	TETCO - Alternate Usage Charges - Zone ETX - Zone M1	0.65500	0.65810	(0.00310)			
340	8/1/2018	RP18-912-000	TETCO - Alternate Usage Charges - Zone M1 - Zone M1	0.44270	0.44580	(0.00310)			
341	8/1/2018	RP18-912-000	TETCO - Alternate Usage Charges - Zone M1 - Zone M2	0.82890	0.83840	(0.00950)			
342	8/1/2018	RP18-912-000	TETCO - Alternate Usage Charges - Zone M1 - Zone M3	1.09130	1.10520	(0.01390)			
343	8/1/2018	RP18-912-000	TETCO - Zone STX - Zone M1	0.37630	0.37860	(0.00230)			
344	8/1/2018	RP18-912-000	TETCO - Zone WLA - Zone M1	0.24240	0.24470	(0.00230)			
345	8/1/2018	RP18-912-000	TETCO - Zone ELA - Zone M1	0.22610	0.22810	(0.00200)			
346	8/1/2018	RP18-912-000	TETCO - Zone ETX - Zone M1	0.22000	0.22230	(0.00230)			
347	8/1/2018	RP18-912-000	TETCO - Zone M1 - Zone M1	0.15170	0.15400	(0.00230)			
348	8/1/2018	RP18-912-000	TETCO - Usage-2 to Zone M1	0.26000	0.26230	(0.00230)			
349	8/1/2018	RP18-912-000	TETCO - Usage-3 to Zone M1	0.26040	0.26280	(0.00240)			
350	12/1/2018	RP19-204-000	TETCO - TETCO SCT - Fuel Percentage ELA to M1 (12	2.07000	2.45000	(0.38000)			
351	12/1/2018	RP19-204-000	TETCO - TETCO SCT - Fuel Percentage ETX to M1 (12	2.07000	2.45000	(0.38000)			
352	12/1/2018	RP19-204-000	TETCO - TETCO SCT - Fuel Percentage M1 to M1 (12	1.01000	1.20000	(0.19000)			
353	12/1/2018	RP19-204-000	TETCO - TETCO SCT - Fuel Percentage STX to M1 (12	2.30000	2.63000	(0.33000)			
354	12/1/2018	RP19-204-000	TETCO - TETCO SCT - Fuel Percentage WLA to M1 (12	2.06000	2.46000	(0.40000)			
355	12/1/2018	RP19-117-000	TETCO - Demand for contract 800059 M1 to M1	0.01000	0.00090	0.00910			
356	12/1/2018	RP19-204-000	TETCO - Alternate Usage Charges - Zone STX - Zone M1	1.13260	1.11780	0.01480			
357	12/1/2018	RP19-204-000	TETCO - Alternate Usage Charges - Zone WLA - Zone M1	0.73610	0.72220	0.01390			
358	12/1/2018	RP19-204-000	TETCO - Alternate Usage Charges - Zone ELA - Zone M1	0.69020	0.67630	0.01390			
359	12/1/2018	RP19-204-000	TETCO - Alternate Usage Charges - Zone ETX - Zone M1	0.67200	0.65810	0.01390			
360	12/1/2018	RP19-204-000	TETCO - Alternate Usage Charges - Zone M1 - Zone M1	0.45260	0.44580	0.00680			
361	12/1/2018	RP19-204-000	TETCO - Alternate Usage Charges - Zone M1 - Zone M2	0.84980	0.83840	0.01140			
362	12/1/2018	RP19-204-000	TETCO - Alternate Usage Charges - Zone M1 - Zone M3	1.12140	1.10520	0.01620			
363	12/1/2018	RP19-204-000	TETCO - Zone STX - Zone M1	0.39340	0.37860	0.01480			
364	12/1/2018	RP19-204-000	TETCO - Zone WLA - Zone M1	0.25860	0.24470	0.01390			
365	12/1/2018	RP19-204-000	TETCO - Zone ELA - Zone M1	0.24230	0.22840	0.01390			
366	12/1/2018	RP19-204-000	TETCO - Zone ETX - Zone M1	0.23620	0.22230	0.01390			
367	12/1/2018	RP19-204-000	TETCO - Zone M1 - Zone M1	0.16080	0.15400	0.00680			
368	12/1/2018	RP19-204-000	TETCO - Usage-2 to Zone M1	0.27530	0.26230	0.01300			
369	12/1/2018	RP19-204-000	TETCO - Usage-3 to Zone M1	0.27570	0.26280	0.01290			
370	12/1/2018	RP19-204-000	TETCO - TETCO FT-1 - Applicable Shrinkage Adjustment (LAU	0.00450	0.00430	0.00020			
371	2/1/2019	RP19-489-000	TETCO - Rate Schedule FT - Usage 2 Charge (M1 Expansion Pro	0.20680	0.20610	0.00070			
372	2/1/2019	RP19-489-000	TETCO - Alternate Usage Charges - Zone STX - Zone M1	1.13890	1.13260	0.00630			
373	2/1/2019	RP19-489-000	TETCO - Regular Usage Charge - Zone STX - Zone M1	0.39750	0.39340	0.00410			
374	2/1/2019	RP19-489-000	TETCO - Alternate Usage Charges - Zone WLA - Zone M1	0.74240	0.73610	0.00630			
375	2/1/2019	RP19-489-000	TETCO - Regular Usage Charge - Zone WLA - Zone M1	0.26270	0.25860	0.00410			
376	2/1/2019	RP19-489-000	TETCO - Alternate Usage Charges - Zone ELA - Zone M1	0.69640	0.69020	0.00620			
377	2/1/2019	RP19-489-000	TETCO - Regular Usage Charge Zone ELA - Zone M1	0.24630	0.24230	0.00400			
378	2/1/2019	RP19-489-000	TETCO - Alternate Usage Charges - Zone ETX - Zone M1	0.67810	0.67200	0.00610			
379	2/1/2019	RP19-489-000	TETCO - Regular Usage Charge - Zone ETX - Zone M1	0.24020	0.23620	0.00400			
380	2/1/2019	RP19-489-000	TETCO - Alternate Usage Charges - Zone M1 - Zone M1	0.45880	0.45260	0.00620			
381	2/1/2019	RP19-489-000	TETCO - Regular Usage Charge Zone M1 - Zone M1	0.16490	0.16080	0.00410			
382	2/1/2019	RP19-489-000	TETCO - Alternate Usage Charges - Zone M1 - Zone M2	0.86860	0.84980	0.01880			
383	2/1/2019	RP19-489-000	TETCO - Regular Usage 2 Charge - Zone M1	0.27940	0.27530	0.00410			
384	2/1/2019	RP19-489-000	TETCO - Alternate Usage Charges - Zone M1 - Zone M3	1.14900	1.12140	0.02760			
385	2/1/2019	RP19-489-000	TETCO - Regular Usage 3 Charge - Zone M1	0.27980	0.27570	0.00410			
386	2/1/2019	RP19-489-000	TETCO - SCT Reservation Charge M1-M1	1.78800	1.77500	0.01300			
387	4/1/2019	RP19-204-000	TETCO - TETCO - SCT - Fuel Percentage - ELA - M1 - Apr to N	2.17000	2.24000	(0.07000)			
388	4/1/2019	RP19-204-000	TETCO - TETCO - SCT - Fuel Percentage - ETX - M1 - Apr to N	2.17000	2.24000	(0.07000)			
389	4/1/2019	RP19-204-000	TETCO - TETCO - SCT - Fuel Percentage - M1 - M1 - Apr to N	1.08000	1.11000	(0.03000)			
390	4/1/2019	RP19-204-000	TETCO - TETCO - SCT - Fuel Percentage - STX - M1 - Apr to N	2.31000	2.38000	(0.07000)			
391	4/1/2019	RP19-204-000	TETCO - TETCO - SCT - Fuel Percentage - WLA - M1 - Apr to	2.18000	2.26000	(0.08000)			
392	12/1/2018	RP19-64-000	ETN - FT-A (Patriot) Max Rate (Notice of Rate and Other Change	9.57700	9.67400	(0.09700)			
393	12/1/2018	RP19-64-000	ETN - IT - Max Rate -	0.22010	0.22230	(0.00220)			
394	4/1/2019	RP19-64-000	ETN - IT - FLRP -Summer	1.58000	2.22000	(0.64000)			
395	11/1/2018	RP18-1246-000	Dominion FT - EPCA Component - Reservation Charge - Current	0.00310	0.00350	(0.00040)			
396	11/1/2018	RP18-1246-000	Dominion FT - EPCA Component - Reservation Charge - Surchar	0.00000	0.00150	(0.00150)			
397	11/1/2018	RP18-1246-000	Dominion FT - EPCA Usage Current Base	0.00220	0.00190	0.00030			
398	11/1/2018	RP18-1246-000	Dominion FT - EPCA Usage Surcharge	0.00060	(0.00040)	0.00100			
399	11/1/2018	RP18-1246-000	Dominion GSS - EPCA Comp of Storage - Base	0.00500	0.00520	(0.00020)			
400	11/1/2018	RP18-1246-000	Dominion GSS - EPCA Comp of Storage - Surcharge	0.00030	0.00210	0.00130			
401	11/1/2018	RP18-1246-000	Dominion GSS - EPCA Injection - Surcharge	(0.00030)	(0.00010)	(0.00020)			
402	11/1/2018	RP18-1246-000	Dominion GSS - EPCA OVERRUN - Surcharge	(0.00020)	0.00040	(0.00060)			
403	11/1/2018	RP18-1246-000	Dominion GSS - EPCA Withdrawal - Surcharge	(0.00030)	(0.00010)	(0.00020)			
404	11/1/2018	RP18-1248-000	Dominion-FT TCRA Component Current Acct 858 Base	0.27400	0.27290	0.00110			
405	11/1/2018	RP18-1248-000	Dominion FT -TCRA Comp of Storage Demand - Surcharge	0.01510	0.01440	0.00070			
406	11/1/2018	RP18-1248-000	Dominion FT-TCRA Current Acct 858 Base	0.00460	0.00580	(0.00120)			
407	11/1/2018	RP18-1248-000	Dominion FT-TCRA Surcharge	0.00010	(0.00140)	0.00150			
408	11/1/2018	RP18-1248-000	Dominion GSS - TCRA Comp of Storage Demand - Current	0.06680	0.06650	0.00030			
409	11/1/2018	RP18-1248-000	Dominion GSS - TCRA Comp of Storage Demand - Surcharge	(0.00320)	(0.00500)	(0.00530)			
410	11/1/2018	RP18-1248-000	Dominion GSS - TCRA Injection Charge- Surcharge	0.00000	0.00010	(0.00010)			

Summary of Demand and Storage Rate Changes
For the Twelve Month Period Ended May 31, 2019

							North Carolina Utilities Commission Action		
	Effective Date of Change	FERC Docket No.	Description of Service	New Rate	Old Rate	Increase (Decrease)	Effective Date	Docket No.	Order Date
411	11/1/2018	RP18-1248-000	Dominion GSS - TCRA OVERRUN - Surcharge	(0.00070)	(0.00100)	0.00030			
412	11/1/2018	RP18-1248-000	Dominion GSS - TCRA Injection Charge- Surcharge	0.00000	0.00010	(0.00010)			
413	4/1/2019	RP19-780-000	MGT - Fuel Retention Percentage Fuel A-A Zone A-A BH	0.98000	0.50000	0.48000			
414	4/1/2019	RP19-780-000	MGT - Fuel Retention Percentage Fuel A-A Zone A-A FH	0.98000	0.50000	0.48000			
415	4/1/2019	RP19-780-000	MGT - Fuel Retention Percentage Fuel A-B Zone A-B FH	0.98000	0.50000	0.48000			
416	1/1/2019	G-39-SUB 42	Cardinal Pipeline Reservation Charge - Zone 1A	0.02510	0.02675	(0.00165)			
417	1/1/2019	G-39-SUB 42	Cardinal Pipeline Reservation Charge - Zone 1B	0.03893	0.04149	(0.00256)			
418	1/1/2019	G-39-SUB 42	Cardinal Pipeline Reservation Charge - Zone 2	0.08063	0.08674	(0.00611)			
419	4/1/2019	G-39-SUB 43	Cardinal Pipeline Fuel Retention Percentage - Zone 1B	0.00790	0.01050	(0.00260)			
420	4/1/2019	G-39-SUB 43	Cardinal Pipeline Fuel Retention Percentage - Zone 2	0.00790	0.01050	(0.00260)			
421	4/1/2019	G-39-SUB 43	Cardinal Pipeline EP Rate Change - Zone 1A	0.00044	0.00041	0.00003			
422	4/1/2019	G-39-SUB 43	Cardinal Pipeline EP Rate Change - Zone 1B	0.00044	0.00041	0.00003			
423	4/1/2019	G-39-SUB 43	Cardinal Pipeline EP Rate Change - Zone 2	0.00044	0.00041	0.00003			

Summary of Demand and Storage Capacity Level Changes
For the Twelve Month Period Ended May 31, 2019

						North Carolina Utilities Commission Action		
	Effective Date of Change	Description of Service	New Capacity Level	Previous Capacity Level	Increase (Decrease) in Capacity Levels	Effective Date	Docket No.	Order Date
1	There have been no changes in	North Carolina Capacity in the current Prudence period						
2								
3								
4								

Piedmont Natural Gas Company,
Inc. Docket No. G-9, Sub 752

Exhibit MBT - 1
Schedule 7

Summary of Demand and Storage Costs Incurred Versus Collected
For the Twelve Month Period Ended May 31, 2019

	Reporting	June	July	August	September	October	November	December	January	February	March	April	May	
	Gas Flow	May	June	July	August	September	October	November	December	January	February	March	April	
	Items													Total
1	Total Demand and Storage Costs Incurred	12,153,325.25	11,858,321.56	12,194,144.55	12,187,537.04	11,843,509.53	12,419,748.04	13,187,181.32	13,757,489.05	13,993,737.14	12,876,661.50	16,412,993.23	13,991,246.52	156,875,894.73
2	NC Allocation Factor %	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	85.08%	
3														
4	NC Demand & Storage Costs Incurred ((1) x (2))	10,340,049.12	10,089,059.98	10,374,778.18	10,369,156.51	10,076,457.91	10,566,721.63	11,219,653.87	11,704,871.68	11,905,871.56	10,955,463.60	13,964,174.64	11,903,752.54	133,470,011.22
5														
6	NC Demand & Storage Costs Collected	5,285,819.98	4,236,387.43	3,985,513.83	4,070,857.60	4,100,620.26	4,388,097.50	11,146,541.77	17,099,780.45	18,758,627.26	19,033,809.11	16,042,783.60	7,796,538.81	115,945,377.60
7	Less: Previous Month NC Unbilled - Demand	(1,651,203.51)	(437,570.03)	(797,899.36)	(497,649.12)	(680,278.14)	(420,813.58)	(2,260,148.15)	(6,423,804.25)	(7,813,446.39)	(10,209,070.40)	(6,072,605.94)	(3,401,487.55)	(40,665,976.42)
8	Add: Current month NC Unbilled - Demand	437,570.03	797,899.36	497,649.12	680,278.14	420,813.58	2,260,148.15	6,423,804.25	7,813,446.39	10,209,070.40	6,072,605.94	3,401,487.55	914,733.33	39,929,506.24
9														
10	Total NC Demand & Storage Costs Collected	4,072,186.50	4,596,716.76	3,685,263.59	4,253,486.62	3,841,155.70	6,227,432.07	15,310,197.87	18,489,422.59	21,154,251.27	14,897,344.65	13,371,665.21	5,309,784.59	115,208,907.42
11														
12	**NC Total (Over)/Under Collection Recorded ((4) - (10))**	**6,267,862.62**	**5,492,343.22**	**6,689,514.59**	**6,115,669.89**	**6,235,302.21**	**4,339,289.56**	**(4,090,544.00)**	**(6,784,550.91)**	**(9,248,379.71)**	**(3,941,881.05)**	**592,509.43**	**6,593,967.95**	**18,261,103.80**

Piedmont Natural Gas Company,
Inc. Docket No. G-9, Sub 752

Exhibit MBT - 1
Schedule 8

Summary of Deferred Account Activity
Sales Customers Only Account 0253131
For the Twelve Month Period Ended May 31, 2019
Owed To (From) Company --- Debit (Credit)

	Reporting Month	Beginning Balance	Commodity Cost (Over) Under Collection	(Increment) Decrement - Sales	Benchmark Change	Gas Cost Portion of Uncollectible Write-Offs	Other Adjustments (1)	Hedging Account Transfer	Ending Balance Before Interest	Accrued Interest	Ending Balance	Hedging Deferred Account	Total Due From (To) Customers
1	June	(15,299.64)	(4,748,288.29)	110,894.15	-	394,786.57	-	-	(4,257,907.21)	(12,355.98)	(4,270,263.19)	5,426,871.07	1,156,607.88
2	July	(4,270,263.19)	(129,677.68)	66,170.65	-	531,915.29	-	-	(3,801,854.93)	(23,340.53)	(3,825,195.46)	5,844,759.02	2,019,563.56
3	August	(3,825,195.46)	(1,816,174.06)	90,896.82	-	499,365.58	-	-	(5,051,107.12)	(25,665.83)	(5,076,772.95)	6,437,052.49	1,360,279.54
4	September	(5,076,772.95)	(174,018.78)	75,897.28	-	234,200.56	-	-	(4,940,693.89)	(28,965.51)	(4,969,659.40)	6,973,307.75	2,003,648.35
5	October	(4,969,659.40)	252,540.85	149,281.06	-	31,791.12	-	-	(4,536,046.37)	(27,485.75)	(4,563,532.12)	7,025,130.53	2,461,598.41
6	November	(4,563,532.12)	5,671,296.08	368,472.96	-	(95,712.76)	-	-	1,380,524.16	(9,203.67)	1,371,320.49	5,296,361.40	6,667,681.89
7	December *	1,371,320.49	12,360,487.44	469,041.13	-	(69,255.67)	13,721.41	5,207,170.89	19,352,485.69	59,922.89	19,412,408.58	(376,753.46)	19,035,655.12
8	January	19,412,408.58	(8,624,577.21)	(1,060,382.26)	-	(2,365.66)	-	-	9,725,083.45	84,251.06	9,809,334.51	(120,324.12)	9,689,010.39
9	February	9,809,334.51	(8,135,751.93)	(719,488.53)	-	(1,145.76)	-	-	952,948.29	31,119.14	984,067.43	76,429.32	1,060,496.75
10	March**	984,067.43	773,426.77	(730,831.40)	-	89,260.50	180.83	-	1,116,104.13	6,082.10	1,122,186.23	397,096.24	1,519,282.47
11	April	1,122,186.23	(476,328.59)	(285,155.87)	-	198,002.41	-	-	558,704.18	4,867.86	563,572.04	947,226.16	1,510,798.20
12	May	563,572.04	(850,717.48)	(169,998.70)	-	372,265.01	-	-	(84,879.13)	1,386.29	(83,492.84)	1,177,357.19	1,093,864.35
	Totals		(5,897,782.88)	(1,635,202.71)	-	2,183,107.19	13,902.24	5,207,170.89		60,612.07			

Other Adjustments (1):

Reporting Month	Journal ID	Amount	Account	(Account)	Description
December *	PPADEFINT	$ 13,721.41	Sales Deferred Acct.	Regulatory Interest Exp.	An adjusting entry was made to record $13,721.41 of additional interest associated with the period January - December 2018 for January and February 2018 supplier invoice adjustments.
March **	NCDFINTCOR	$ 180.31	Sales Deferred Acct.	Regulatory Interest Exp.	To correct recorded interest expense/income in the NC Deferred Account for the January and February interest rate change to 6.95% approved by the NCUC in March 2019. ,
		0.52			Note: $.52 was manually added to reconcile interest on interest for the adjustment not included in the beginning balance.
		$ 180.83			

Piedmont Natural Gas Company, Inc.
Docket No. G-9, Sub 752

Exhibit MBT - 1
Schedule 9

Summary of Deferred Account Activity
All Customers Account 0253132
For the Twelve Month Period Ended May 31, 2019
Owed To (From) Company - - - Debit (Credit)

	Reporting Month	Beginning Balance	Commodity Cost (Over) Under Collection	Fixed Gas Costs (Over) Under Collection	Fixed Costs (Increments) / Decrements	Negotiated Losses	Supplier Refunds	Capacity Release Credits	NC Portion of OSS Revenue	NC Portion of OSS Cost	Other Adjustments (1)	Ending Balance Before Interest	Accrued Interest	Ending Balance
1	June	(17,078,427.67)	1,654,885.59	5,492,342.58	(424,863.45)	-	(135,103.99)	(968,769.21)	(3,205,192.81)	2,953,678.11	-	(11,711,450.85)	(83,245.93)	(11,794,696.78)
2	July	(11,794,696.78)	(11,513.87)	6,687,818.52	(323,635.07)	-	(1,352.18)	(990,415.14)	(3,089,062.84)	2,804,173.70	-	(6,718,683.66)	(53,531.44)	(6,772,215.10)
3	August	(6,772,215.10)	274,994.71	6,117,550.31	(386,221.59)	-	-	(990,438.11)	(2,546,046.18)	2,290,108.10	-	(2,012,267.86)	(25,400.33)	(2,037,668.19)
4	September	(2,037,668.19)	(7,550.82)	6,235,117.86	(339,385.13)	-	-	(969,040.40)	(2,792,363.45)	2,553,278.52	-	2,642,388.39	1,748.55	2,644,136.94
5	October	2,644,136.94	(4,441.98)	4,339,289.55	(600,272.35)	-	-	(820,015.69)	(816,119.77)	752,135.06	-	5,494,711.76	23,533.48	5,518,245.24
6	November	5,518,245.24	28,337.74	(4,090,544.00)	(1,590,755.06)	-	-	(1,704,045.32)	(8,898,552.97)	8,585,994.32	-	(2,151,320.05)	9,735.46	(2,141,584.59)
7	December *	(2,141,584.59)	228,443.22	(6,784,550.90)	(1,936,941.06)	7,545.56	-	(1,677,937.40)	(7,447,450.80)	6,875,407.44	216.56	(12,876,851.97)	(43,425.81)	(12,920,277.78)
8	January	(12,920,277.78)	(72,385.49)	(9,248,296.43)	3,437,911.29	-	-	(1,777,390.76)	(15,979,564.10)	############	-	(25,461,455.69)	(110,980.78)	(25,572,436.47)
9	February	(25,572,436.47)	(204,265.73)	(3,941,964.33)	2,468,583.51	-	(305,886.54)	(1,592,247.48)	(9,144,630.55)	8,802,898.44	-	(29,489,949.15)	(159,212.89)	(29,649,162.04)
10	March **	(29,649,162.04)	(2,899.90)	592,509.43	2,197,568.04	-	-	(1,900,546.95)	(6,324,914.22)	6,015,610.05	(422.72)	(29,072,258.31)	(170,057.23)	(29,242,315.54)
11	April	(29,242,315.54)	(28,005.32)	6,593,967.95	801,404.81	-	-	(1,420,636.15)	(501,541.50)	468,548.61	-	(23,328,577.14)	(152,245.31)	(23,480,822.45)
12	May ***	(23,480,822.45)	(35,421.75)	8,112,419.33	596,530.13	-	-	(1,488,772.46)	(3,049,928.00)	2,837,847.85	(1,285,339.35)	(17,793,486.70)	(119,530.40)	(17,913,017.10)
	Totals		1,820,176.40	20,105,659.87	3,899,924.07	7,545.56	(442,342.71)	(16,300,255.07)	(63,795,367.19)	56,038,227.78	(1,285,545.51)		(882,612.63)	

Other Adjustments (1):

Reporting Month	Journal ID	Amount	Account	(Account)	Description
December 2018 *	PPADEFINT	$ 216.56	All Customers Deferred Acct.	Regulatory Interest Exp.	An adjusting entry was made to record $216.56 of additional interest associated with the period January - December 2018 for January and February 2018 supplier invoice adjustments.
March 2019 **	NCDFINTCOR	$ (421.50)	All Customers Deferred Acct.	Regulatory Interest Exp.	To correct recorded interest expense/income in the NC Deferred Account for the January and February interest rate change to 6.95% approved by the NCUC in March 2019.
	n/a	(1.22)			Note: $1.22 was manually added to reconcile interest on interest for the adjustment not included in the beginning balance.
		$ (422.72)			
May 2019 ***	PNGINTEXPA	$ (1,285,339.35)	All Customers Deferred Acct.	Regulatory Interest Exp.	To transfer balance in interest accrued on current deferred income taxes to supplier rate change account as required by NC Prudence review of cost of gas.

Summary of Gas Supply (dts)
For the Twelve Month Period Ended May 31, 2019

	Reporting	June	July	August	September	October	November	December	January	February	March	April	May	
	Gas Flow	May	June	July	August	September	October	November	December	January	February	March	April	
	Items													Total
1	Supplier 1	-	-	-	-	128,546	494,030	636,390	708,984	1,028,401	249,483	324,137	-	3,569,971
2	Supplier 2	-	-	32,587	-	10,000	51,556	268,859	268,893	451,335	171,744	254,327	37,400	1,546,701
3	Supplier 3	3,145,291	3,043,830	3,145,290	3,145,291	3,043,744	3,145,291	3,043,830	3,145,291	3,145,291	2,840,908	3,145,291	3,045,690	37,035,038
4	Supplier 4	-	39,550	124,081	-	51,550	17,595	499,961	761,613	549,436	701,680	489,291	49,016	3,283,773
5	Supplier 5	-	-	-	-	-	-	329,316	177,324	507,911	154,998	180,231	-	1,349,780
6	Supplier 6	9,843	18,333	391	-	-	-	19,550	3,519	-	-	36,526	10,978	99,140
7	Supplier 7	-	-	36,000	21,000	10,000	-	-	-	-	-	-	4,892	71,892
8	Supplier 8	-	5,000	-	-	-	-	-	-	-	-	-	-	5,000
9	Supplier 9	-	-	15,000	3,900	-	-	1,586,425	487,888	185,149	292,523	798,942	20,587	3,390,414
10	Supplier 10	246,667	970,860	2,073,373	973,758	631,050	659,831	924,703	886,685	1,296,809	664,000	803,000	1,793,700	11,924,436
11	Supplier 11	-	-	7,500	58,874	9,775	206,001	2,439,668	1,549,724	1,464,725	965,495	1,651,283	831,147	9,184,192
12	Supplier 12	-	-	-	-	-	-	234,600	153,867	391,149	7,038	117,300	-	903,954
13	Supplier 13	-	45,000	24,556	-	-	-	1,721,335	1,779,453	1,284,945	1,433,243	293,281	-	6,581,813
14	Supplier 14	-	12,400	10,000	-	-	-	-	-	-	-	-	408,176	430,576
15	Supplier 15	19,666	-	-	-	-	-	-	-	-		-	-	19,666
16	Supplier 16	-	-	5,000	12,171	-	160	15,837	636,840	1,111,156	493,989	4,735	4,000	2,283,888
17	Supplier 17	-	-	-	-	-	-	594,030	613,831	613,831	554,428	613,831	53,190	3,043,141
18	Supplier 18	-	154,702	10,000	-	13,000	-	16,159	9,776	-	-	9,864	-	213,501
19	Supplier 19	5,300	17,032	-	10,000	58,281	31,150	88,980	158,836	215,167	784,571	140,945	33,852	1,544,114
20	Supplier 20	-	-	-	-	-	-	-	-	-	-	-	2,642	2,642
21	Supplier 21	-	-	-	-	-	-	-	-	-	-	7,500	86,000	93,500
22	Supplier 22	-	-	-	-	-	-	290,577	-	-	10,789	129,036	-	430,402
23	Supplier 23	-	-	20,000	-	-	-	9,775	24,828	40,078	284,672	19,068	41,495	439,916
24	Supplier 24	-	29,325	9,775	10,000	-	30,000	-	-	-	54,810	-	-	133,910
25	Supplier 25	10,000	5,000	80,000	-	10,000	-	2,000	-	-	-	-	5,000	112,000
26	Supplier 26	-	-	-	-	-	-	249,270	161,291	293,569	73,440	146,627	-	924,197
27	Supplier 27	-	-	2,300	-	-	-	-	-	-	-	-	-	2,300
28	Supplier 28	-	-	-	-	-	-	-	48,778	455,876	-	-	-	504,654
29	Supplier 29	313,307	382,965	927,266	932,522	608,566	511,362	25,000	867,120	77,646	477,099	15,000	39,032	5,176,885
30	Supplier 30	-	-	-	-	-	-	1,662	304,273	132,400	163,539	133,972	9,000	744,846
31	Supplier 31	3,485,810	3,402,738	3,152,810	3,126,421	3,034,326	3,557,493	3,126,793	3,785,867	4,058,723	4,251,003	3,512,213	3,429,539	41,923,736
32	Supplier 32	-	-	10,000	-	-	-	28,445	-	18,573	-	22,270	5,900	85,188
33	Supplier 33	-	-	-	-	-	113,881	67,248	66,336	19,550	19,761	9,775	8,510	305,061
34	Supplier 34	-	-	-	-	-	-	196	14,860	-	-	1,760	-	16,816
35	Supplier 35	-	-	-	-	-	-	-	-	20,000	-	-	15,000	35,000
36	Supplier 36	-	-	-	-	-	-	-	2,143	-	-	-	-	2,143
37	Supplier 37	659,492	1,130,973	696,387	715,800	680,740	471,956	195,317	802,403	820,977	442,264	199,331	102,868	6,918,508
38	Supplier 38	14,735	-	-	-	-	978	284,844	196,170	392,271	61,913	127,075	23,873	1,101,859
39	Supplier 39	54,775	-	8,015	-	-	-	9,775	7,527	-	-	-	-	80,092
40	Supplier 40	34,420	23,831	-	-	-	-	34,550	-	-	15,868	-	-	108,669
41	Supplier 41	-	-	-	-	-	-	528,779	-	-	19,728	234,600	-	783,107
42	Supplier 42	413,850	400,500	413,260	412,658	400,500	446,113	-	14,609	-	-	-	10,000	2,511,490
43	Supplier 43	29,369	-	-	-	-	-	240,990	215,050	459,603	58,761	220,050	23,600	1,247,423
44	Supplier 44	130,000	179,300	35,000	25,000	10,000	-	-	736,220	684,411	493,345	437,980	33,200	2,764,456
45	P/M Actual Imbalance	(20)	-	-	-	-	-	-	(1,820)	-	(567)	(117)	7,261	4,737
46	Pipeline Imbalance - P/M Reversal Estim	20	-	-	-	-	-	-	1,820	-	567	117	(7,261)	(4,737)
47	Pipeline Imbalance - C/M Estimate	-	-	-	-	-	-	(1,820)	-	(567)	(117)	7,261	(4,344)	413
48	C/M Actual Imbalance	(10)	6	(6)	(22)	(21)	5	(23)	8	(34)	36	(25)	(21)	(107)
49	Pipeline Imbalance Transportation Charg	-	-	-	-	-	-	-	-	-	-	-	-	-
50	Piedmont Fuel	(54,437)	(63,241)	(66,359)	(65,551)	(66,332)	(76,168)	(82,945)	(78,047)	(95,239)	(73,089)	(75,265)	(52,050)	(848,723)
51	Off-System Sales	(4,716,521)	(4,755,862)	(4,733,580)	(4,541,291)	(4,539,156)	(3,518,987)	(6,165,248)	(5,692,409)	(8,577,357)	(7,887,486)	(6,218,508)	(3,351,290)	(64,697,695)
52	Total Commodity	3,801,557	5,042,242	6,038,646	4,840,531	4,094,569	6,142,247	11,264,828	12,819,551	11,045,785	7,780,436	7,792,704	6,720,582	87,383,678

Summary of Gas Supply (dts)
For the Twelve Month Period Ended May 31, 2019

	Reporting	June	July	August	September	October	November	December	January	February	March	April	May	
	Gas Flow	May	June	July	August	September	October	November	December	January	February	March	April	
	Items													Total
53	Less: Storage Injections													
54	CAR LNG	-	42,874	155,320	42,673	-	-	132,906	47,784	-	-	-	-	421,557
55	ESS	104,350	257,007	410,144	135,282	226,667	326,064	191,921	169,610	124,964	138,198	27,544	255,235	2,366,986
56	FSSCAR	299,477	1,023,691	1,023,668	997,279	665,376	345,073	-	1,626	-	-	144	779,940	5,136,274
57	GSS Dominion	-	-	-	460,439	-	-	-	-	-	-	-	-	460,439
58	GSS Transco	489,964	589,762	567,543	-	368,401	355,876	207,606	124,415	31,268	74,761	8,625	366,360	3,184,581
59	Hardy	-	-	1,102,515	-	-	320,043	-	-	-	-	-	1,066,950	2,489,508
60	LNG (Transco)	-	-	-	-	-	-	-	-	-	-	-	-	-
61	NCNG LNG	-	133,836	76,963	167,246	33,759	-	-	-	-	-	-	-	411,804
62	Truck LNG Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-
63	Pine Needle	53,908	336,612	390,833	363,879	175,201	42,954	26,954	-	26,954	-		67,385	1,484,680
64	WSS	385,492	622,051	600,381	477,392	428,010	592,676	523,404	153,085	115,325	66,596	-	273,025	4,237,437
65	**Total Storage Injections**	1,333,191	3,005,833	4,327,367	2,644,190	1,897,414	1,982,686	1,082,791	496,520	298,511	279,555	36,313	2,808,895	20,193,266
66	Add: Withdrawals From Storage													
67	CAR LNG	13,972	20,257	49,154	24,678	14,749	16,621	39,587	27,251	215,940	118,625	240,461	13,728	795,023
68	ESS	42,783	40,092	272,904	142,454	119,440	250,451	68,098	311,054	568,542	277,900	228,037	83,748	2,405,503
69	FSSCAR	-	-	-	-	-	-	298,570	850,450	1,431,036	776,608	600,347	-	3,957,011
70	GSS Dominion	-	-	-	-	-	-	-	-	-	-	-	-	-
71	GSS Transco	12,986	31,415	35,777	2,295	62,821	45,055	413,707	422,838	1,330,675	985,697	599,689	122,056	4,065,011
72	Hardy	-	-	-	-	-	-	-	204,666	616,460	68,222	409,332	-	1,298,680
73	LNG (Transco)	-	-	-	-	-	-	-	-	-	-	-	-	-
74	NCNG LNG	12,931	25,554	19,014	27,767	15,673	13,081	12,218	18,736	168,774	48,077	235,060	11,624	608,509
75	Truck LNG Inventory	-	-	-	-	-	-	-	-	-	-	-	-	-
76	Pine Needle	-	-	-	-	-	-	28,031	106,356	727,619	772,373	158,335	130,494	1,923,208
77	WSS	126,100	1,366		-	31,158	122,216	245,304	387,648	1,138,201	725,347	911,421	270,693	3,959,454
78	**Total Storage Withdrawals**	208,772	118,684	376,849	197,194	243,841	447,424	1,105,515	2,328,999	6,197,247	3,772,849	3,382,682	632,343	19,012,399
79	Banked Gas - C/M	8,429	3,797	2,028	(1,550)	(25)	10,007	12,750	5,878	6,343	3,739	9,252	1,992	62,640
80	Banked Gas - P/M	(1,981)	(8,429)	(3,797)	(2,028)	1,550	25	(10,007)	(12,750)	(5,878)	(6,343)	(3,739)	(9,252)	(62,629)
81	Property Taxes (N/A)	-	-	-	-	-	-	-	-	-	-	-	-	-
82	Electric Compressor Costs (N/A)	-	-	-	-	-	-	-	-	-	-	-	-	-
83	Cashout Longs	118,167	132,667	144,607	132,703	108,418	100,613	113,019	185,562	165,652	172,486	169,883	123,084	1,666,861
84	Reservation Dts (N/A)	-	-	-	-	-	-	-	-	-	-	-	-	-
85	Total Commodity Dts	2,801,753	2,283,128	2,230,966	2,522,660	2,550,939	4,717,630	11,403,314	14,830,720	17,110,638	11,443,612	11,314,469	4,659,854	87,869,683
86	NC Allocation %	81.765%	81.146%	81.214%	81.320%	81.766%	81.913%	83.575%	82.611%	83.092%	82.689%	83.703%	83.136%	
87	Calculated NC Commodity Dts	2,290,853	1,852,667	1,811,857	2,051,427	2,085,801	3,864,352	9,530,320	12,251,806	14,217,571	9,462,608	9,470,550	3,874,016	72,763,829
88	Direct Sales to Transport Customers/Cashout Shorts	(15,743)	(8,221)	(31,280)	(89,258)	(78,426)	(44,422)	(66,295)	(41,784)	(16,243)	(9,258)	(53,947)	(49,083)	(503,960)
89	**Total NC Commodity Dts**	2,275,110	1,844,446	1,780,577	1,962,169	2,007,375	3,819,930	9,464,025	12,210,022	14,201,328	9,453,350	9,416,603	3,824,933	72,259,869

I/A

Deferred Account - NC Hedging Program
For the Twelve Month Period Ended May 31, 2019
Debit (Credit)

Reporting Month	Beginning Balance	Net Options Premium	Fees 1 (A)	Margin Requirement (P&L Cash Act)	Proceeds from Positions	Fees 2 (B)	Interest from Brokerage Account	Transfers from Hedging Account	Balance before Interest	Return Calculated	Ending Balance	Monthly Allowed Return Rate
Jun-18	5,207,171	186,390	2,651	-	-	-	-	-	5,396,211	30,660	5,426,871	0.5783%
Jul-18	5,426,871	380,740	4,650	-	-	-	-	-	5,812,261	32,498	5,844,759	0.5783%
Aug-18	5,844,759	551,210	5,673	-	-	-	-	-	6,401,642	35,410	6,437,052	0.5783%
Sep-18	6,437,052	491,050	6,541	-	-	-	-	-	6,934,643	38,664	6,973,308	0.5783%
Oct-18	6,973,308	287,940	3,984	-	(282,150)	1,690	-	-	6,984,771	40,360	7,025,131	0.5783%
Nov-18	7,025,131	194,880	2,697	-	(1,965,560)	3,689	-	-	5,260,837	35,525	5,296,361	0.5783%
Dec-18	5,296,361	151,200	2,000	-	(636,350)	3,023	-	(5,207,171)	(390,937)	14,184	(376,753)	0.5783%
Jan-19	(376,753)	254,530	3,333	-	-	-	-	-	(118,891)	(1,435)	(120,326)	0.5792%
Feb-19	(120,326)	194,400	2,480	-	-	-	-	-	76,554	(127)	76,427	0.5792%
Mar-19	76,427	314,900	4,402	-	-	-	-	-	395,729	1,367	397,096	0.5792%
Apr-19	397,096	538,560	7,688	-	-	-	-	-	943,344	3,882	947,226	0.5792%
May-19	947,226	220,400	3,596	-	-	-	-	-	1,171,222	6,135	1,177,357	0.5792%
	Activity Totals	3,766,200	49,693	-	(2,884,060)	8,401	-	(5,207,171)		237,123		

NOTES:
A) Fees 1 - fees paid on purchased options

B) Fees 2 - fees paid on exercised options

I/A

Piedmont Natural Gas Company, Inc.
North Carolina All Customers Deferred Account Balance - Increment/
(Decrement) Docket G-9, Sub 752

Exhibit_(MBT-3)

OFFICIAL COPY

Aug 01 2019

All Customers Deferred Account Balance ($):	(17,913,017)
Adjustment For Special Contracts and Electric Generation ($):	(1,821,693)
Total Amount ($):	(19,734,710)

		Winter				Summer				Annual			
		Rate Case Volume (dts)	Apportionment Percentage (%)	Apportionment Amount ($)	Temporary Rate ($/dt)	Rate Case Volume (dts)	Apportionment Percentage (%)	Apportionment Amount ($)	Temporary Rate ($/dt)	Rate Case Volume (dts)	Apportionment Percentage (%)	Apportionment Amount ($)	Temporary Rate ($/dt)
Residential													
Rate 101		28,453,500	34.51%	(6,810,482)	$ (0.2394)	8,051,251	6.04%	(1,192,604)	$ (0.1481)				
Commercial													
Rate 102		15,046,674	15.28%	(3,015,573)	$ (0.2004)	7,835,897	5.14%	(1,013,862)	$ (0.1294)				
Rate 142		16,493	0.02%	(4,044)	$ (0.2452)	20,889	0.03%	(5,122)	$ (0.2452)				
Rate 152	First 500	1,062,607	0.94%	(185,294)	$ (0.1744)	1,186,031	0.99%	(194,601)	$ (0.1641)				
	Over 500	1,396,320	0.81%	(160,753)	$ (0.1151)	883,352	0.49%	(96,625)	$ (0.1094)				
Firm Sales (Rate 103)													
Demand Charge										127,580	1.50%	(296,553)	$ (2.3244)
Commodity													
	1st Step	277,884	0.23%	(45,433)	$ (0.1635)	338,361	0.26%	(51,546)	$ (0.1523)				
	2nd Step	236,403	0.19%	(38,435)	$ (0.1626)	190,809	0.10%	(20,371)	$ (0.1068)				
	3rd Step	84,400	0.04%	(8,414)	$ (0.0997)	96,350	0.03%	(6,334)	$ (0.0657)				
	4th Step	80,696	0.03%	(6,529)	$ (0.0809)	112,100	0.03%	(5,426)	$ (0.0484)				
	5th Step	99,015	0.04%	(7,885)	$ (0.0796)	60,049	0.01%	(1,485)	$ (0.0247)				
	6th Step	-	0.00%	-	$ -	-	0.00%	-	$ -				
Firm Transportation (Rate 113)													
Demand Charge										1,457,999	1.01%	(199,355)	$ (0.1367)
Standby Sales Service Charge										-	0.00%	-	$ -
Commodity													
	1st Step	1,927,347	1.60%	(315,112)	$ (0.1635)	2,546,832	1.97%	(387,986)	$ (0.1523)				
	2nd Step	2,375,720	1.96%	(386,253)	$ (0.1626)	2,845,699	1.54%	(303,817)	$ (0.1068)				
	3rd Step	2,312,512	1.17%	(230,527)	$ (0.0997)	2,828,723	0.94%	(185,971)	$ (0.0657)				
	4th Step	1,519,137	0.62%	(122,912)	$ (0.0809)	1,822,654	0.45%	(88,261)	$ (0.0484)				
	5th Step	1,402,479	0.57%	(111,683)	$ (0.0796)	1,731,626	0.22%	(42,813)	$ (0.0247)				
	6th Step	2,842,677	0.25%	(50,166)	$ (0.0176)	3,115,032	0.00%	(350)	$ (0.0001)				
Interruptible Sales (Rate 104)													
	1st Step	110,543	0.11%	(22,205)	$ (0.2009)	153,535	0.14%	(27,286)	$ (0.1777)				
	2nd Step	124,776	0.16%	(32,343)	$ (0.2592)	161,302	0.13%	(25,140)	$ (0.1559)				
	3rd Step	100,008	0.10%	(19,633)	$ (0.1963)	100,341	0.07%	(14,724)	$ (0.1467)				
	4th Step	3,269	0.00%	(497)	$ (0.1520)	4,210	0.00%	(522)	$ (0.1240)				
	5th Step	-	0.00%	-	$ -	-	0.00%	-	$ -				
	6th Step	-	0.00%	-	$ -	-	0.00%	-	$ -				
Interruptible Transportation (Rate 114)													
	1st Step	1,897,042	1.60%	(316,423)	$ (0.1668)	2,600,996	1.03%	(203,900)	$ (0.0784)				
	2nd Step	2,881,475	2.30%	(454,359)	$ (0.1577)	3,738,752	1.04%	(204,373)	$ (0.0547)				
	3rd Step	3,478,028	1.82%	(358,202)	$ (0.1030)	4,185,005	0.77%	(152,593)	$ (0.0365)				
	4th Step	2,204,510	0.54%	(106,471)	$ (0.0483)	2,798,095	0.26%	(51,012)	$ (0.0182)				
	5th Step	2,078,376	0.32%	(62,469)	$ (0.0301)	2,586,742	0.12%	(23,579)	$ (0.0091)				
	6th Step	2,536,021	0.15%	(30,014)	$ (0.0118)	2,928,352	0.00%	-	$ -				
Special Contracts										12,553,717	2.59%		
Electric Generation										148,582,789	6.64%		
Military Operations (Rate T-10)													
Demand Charge		823,814	0.19%	(37,765)	$ (0.0459)	516,190	0.12%	(23,767)	$ (0.0459)	84,000	0.78%	(153,140)	$ (1.8231)
Military In Onslow County (Rate 12)		-	0.00%	-	$ -	-	0.00%	-	$ -				
Total Apportioned Amount By Season ($)				(12,939,893)				(4,324,076)				(649,048)	
GRAND TOTAL APPORTIONED ($)												(17,913,017)	

Sources: Rate Case Volumes - G-9 Sub 631 Settlement Exhibit C; Apportionment Percentages - G-9 Sub 631 Settlement Exhibit D.

I/A

Piedmont Natural Gas Company, Inc.
NC Sales Customers Deferred Account Balance - Increment/(Decrement)
Docket G-9, Sub 752

Exhibit_ (MBT-4)

Total Sales Customers Deferred Account ($):	$	1,093,864
Sales Volumes Per G-9, Sub 631 (dekatherms) :		66,294,712
Temporary Rate Per Dekatherm ($):	$	0.0165

I/A MBT

Piedmont Natural Gas Company, Inc.
Calculation of the Net-of-Tax Overall Rate of Return per 21% FIT Rate and 2.5% SIT Rate
Effective January 1, 2019

Supplemental Exhibit A

Line No.	Item	Capital Structure (a)	Cost Rates (b)	Retention Factors (c)	Gross Revenue Effect (d)	Overall Authorized Rate of Return (e)	Tax Factors (f)	Net of Tax Overall Rate of Return (g)
	Rate Base Factor:							
1	Long-term debt	46.52%	5.23%	0.9916579	0.02453474	2.43%	0.7702500	1.87%
2	Short-term debt	2.82%	0.53%	0.9916579	0.00015048	0.01%	0.7702500	0.01%
3	Common equity	50.66%	10.00%	0.7638245	0.06632977	5.07%	1.0000000	5.07%
4	Total (Sum of L1 thru L3)	100.00%			0.09101499	7.51%		6.95%
	Net Income Factor: Revenue Retention Factor							
5	Total revenue				1.0000000			
6	Uncollectibles				0.0070513			
7	Balance (L5 - L6)				0.9929487			
8	Regulatory fee (L7 x .13%)				0.0012908			
9	Balance (L7 - L8)				0.9916579			
10	Less: State income tax (L9 x 3%)				0.0247914			
11	Balance (L9 - L10)				0.9668665			
12	Less: Federal income tax (L11 x 21%)				0.2030420			
13	Gross up factor (L11 - L12)				0.7638245			
14	State income tax rate				0.0250000			
15	Federal income tax rate				0.2100000			
16	Composite income tax rate				0.2297500			
17	Tax Factor for Debt Component				0.7702500			

I/A

Piedmont Natural Gas Company, Inc.
Docket No. G-9, Sub 752

Exhibit MBT - 1
Schedule 9 - REVISED

Summary of Deferred Account Activity
All Customers Account 0253132
For the Twelve Month Period Ended May 31, 2019
Owed To (From) Company --- Debit (Credit)

	Reporting Month	Beginning Balance	Commodity Cost (Over) Under Collection	Fixed Gas Costs (Over) Under Collection	Fixed Costs (Increments) / Decrements	Negotiated Losses	Supplier Refunds	Capacity Release Credits	NC Portion of OSS Revenue	NC Portion of OSS Cost	Other Adjustments (1)	Ending Balance Before Interest	Accrued Interest	Ending Balance
1	June	(17,078,427.67)	1,654,885.59	5,492,342.58	(424,863.45)	-	(135,103.99)	(968,769.21)	(3,205,192.81)	2,953,678.11	-	(11,711,450.85)	(83,245.93)	(11,794,696.78)
2	July	(11,794,696.78)	(11,513.87)	6,687,818.52	(323,635.07)	-	(1,352.18)	(990,415.14)	(3,089,062.84)	2,804,173.70	-	(6,718,683.66)	(53,531.44)	(6,772,215.10)
3	August	(6,772,215.10)	274,994.71	6,117,550.31	(386,221.59)	-	-	(990,438.11)	(2,546,046.18)	2,290,108.10	-	(2,012,267.86)	(25,400.33)	(2,037,668.19)
4	September	(2,037,668.19)	(7,550.82)	6,235,117.86	(339,385.13)	-	-	(969,040.40)	(2,792,363.45)	2,553,278.52	-	2,642,388.39	1,748.55	2,644,136.94
5	October	2,644,136.94	(4,441.98)	4,339,289.55	(600,272.35)	-	-	(820,015.69)	(816,119.77)	752,135.06	-	5,494,711.76	23,533.48	5,518,245.24
6	November	5,518,245.24	28,337.74	(4,090,544.00)	(1,590,755.06)	-	-	(1,704,045.32)	(8,898,552.97)	8,585,994.32	-	(2,151,320.05)	9,735.46	(2,141,584.59)
7	December *	(2,141,584.59)	228,443.22	(6,784,550.90)	(1,936,941.06)	7,545.56	-	(1,677,937.40)	(7,447,450.80)	6,875,407.44	216.56	(12,876,851.97)	(43,425.81)	(12,920,277.78)
8	January	(12,920,277.78)	(72,385.49)	(9,248,296.43)	3,437,911.29	-	-	(1,777,390.76)	(15,979,564.10)	11,098,547.58	-	(25,461,455.69)	(110,980.78)	(25,572,436.47)
9	February	(25,572,436.47)	(204,265.73)	(3,941,964.33)	2,468,583.51	-	(305,886.54)	(1,592,247.48)	(9,144,630.55)	8,802,898.44	-	(29,489,949.15)	(159,212.89)	(29,649,162.04)
10	March **	(29,649,162.04)	(2,899.90)	592,509.43	2,197,568.04	-	-	(1,900,546.95)	(6,324,914.22)	6,015,610.05	(422.72)	(29,072,258.31)	(170,057.23)	(29,242,315.54)
11	April	(29,242,315.54)	(28,005.32)	6,593,967.95	801,404.81	-	-	(1,420,636.15)	(501,541.50)	468,548.61	-	(23,328,577.14)	(152,245.31)	(23,480,822.45)
12	May ***	(23,480,822.45)	(35,421.75)	8,112,419.33	596,530.13	-	-	(1,488,772.46)	(3,049,928.00)	2,837,847.85	(1,285,339.35)	(17,793,486.70)	(119,530.40)	(17,913,017.10)
	Totals		1,820,176.40	20,105,659.87	3,899,924.07	7,545.56	(442,342.71)	(16,300,255.07)	(63,795,367.19)	56,038,227.78	(1,285,545.51)		(882,612.63)	

Other Adjustments (1):

Reporting Month	Journal ID	Amount	Account	(Account)	Description
December 2018 *	PPADEFINT	$ 216.56	All Customers Deferred Account	Regulatory Interest Expense	An adjusting entry was made to record $216.56 of additional interest associated with the period January - December 2018 for January and February 2018 supplier invoice adjustments.
March 2019 **	NCDFINTCOR	$ (421.50)	Regulatory Interest Expense	All Customers Deferred Account	To correct recorded interest expense/income in the NC Deferred Account for the January and February interest rate change to 6.95% approved by the NCUC in April 2019.
	n/a	(1.22)			Note: $1.22 was manually added to reconcile interest on interest for the adjustment not included in the beginning balance.
		$ (422.72)			
May 2019 ***	PNGINTEXPA	$ (1,285,339.35)	Current Deferred Income Taxes	All Customers Deferred Account	To transfer balance in interest accrued on current deferred income taxes to supplier rate change account as required by NC Prudence review of cost of gas.

I/A

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Aug 01 2019

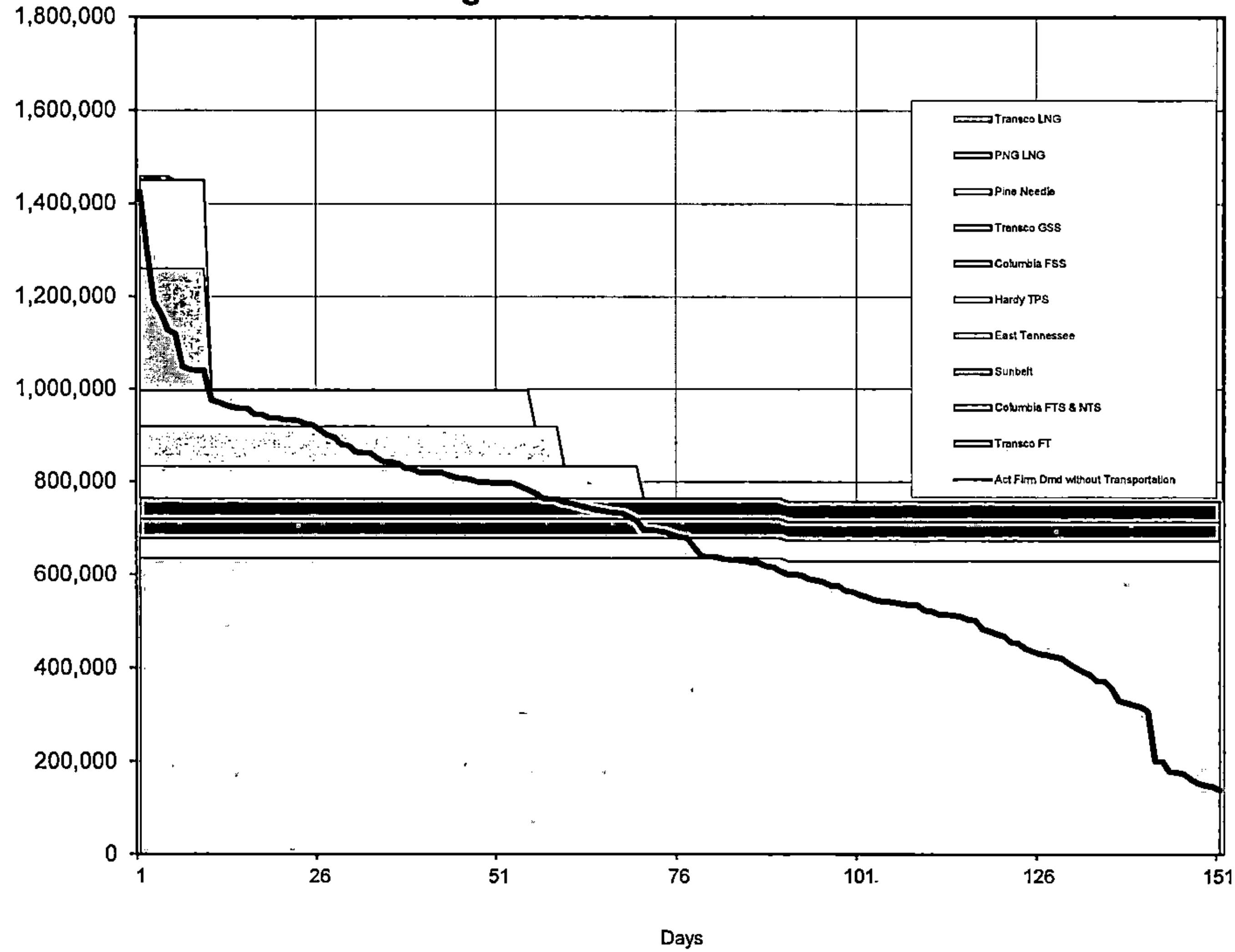
Piedmont Natural Gas
Docket No. G-9, Sub 752

Exhibit_(GJR-1A)

FORECAST 2018-2019

CONFIDENTIAL

Winter 2018 - 2019 Load Duration Curve Design Winter - Total Carolinas



June 22, 2018

I/A

Piedmont Natural Gas
Docket No. G-9, Sub 752

Exhibit_(GJR-1B)

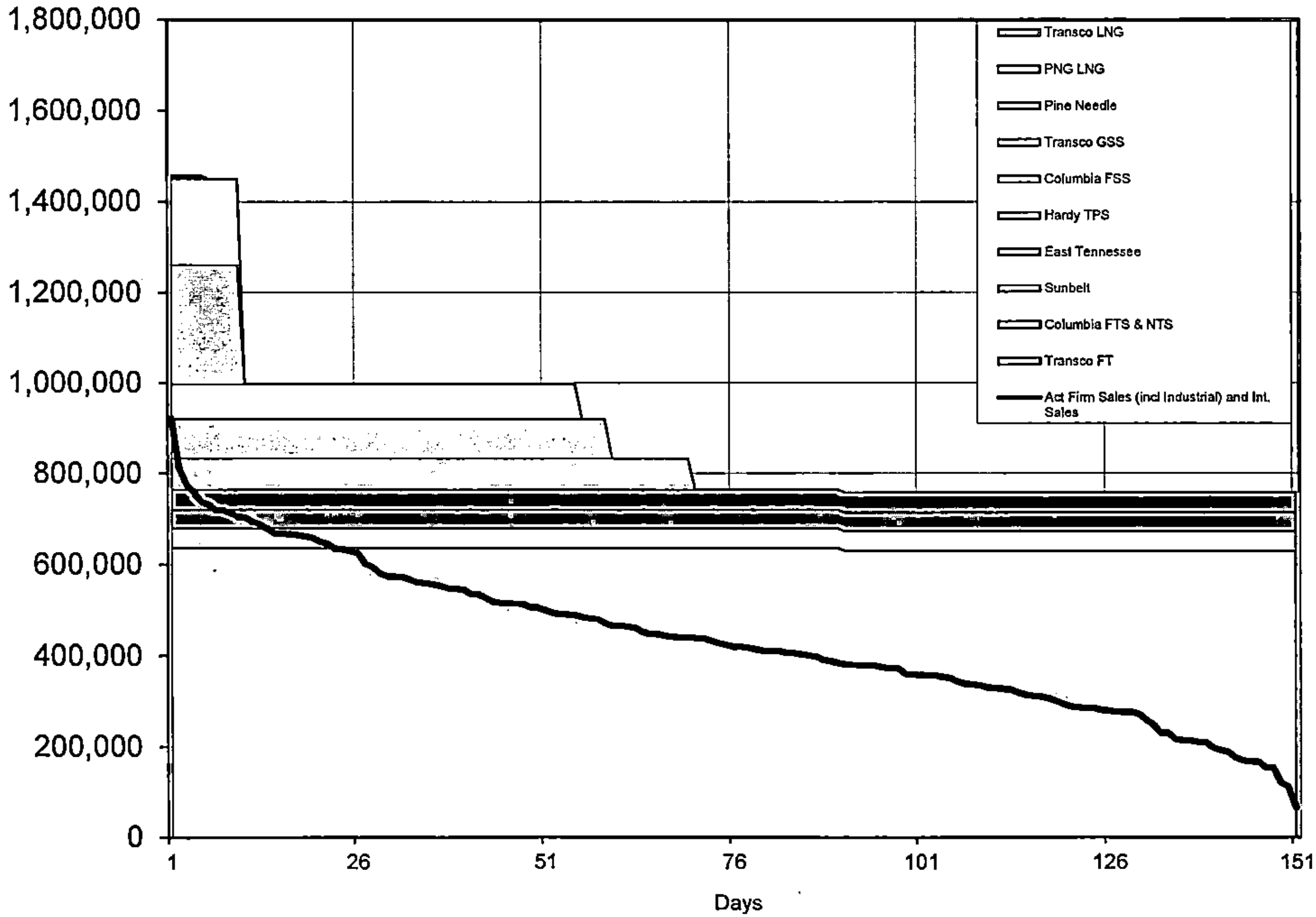
OFFICIAL COPY

Aug 01 2019

ACTUAL 2018-2019

CONFIDENTIAL

Winter 2018 - 2019
Load Duration Curve
Actual Winter - Total Carolinas



I/A

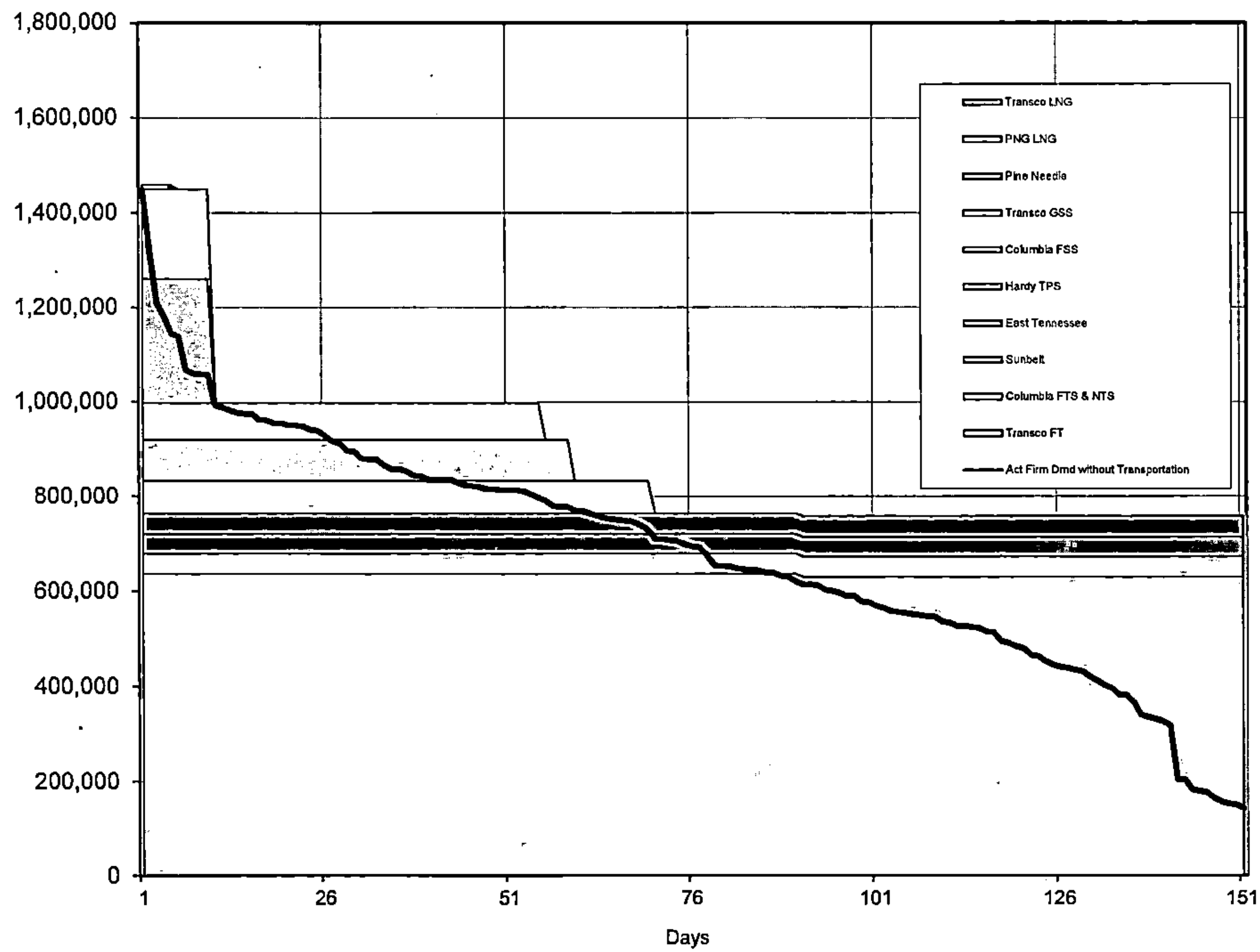
Piedmont Natural Gas
Docket No. G-9, Sub 752

Exhibit_(GJR-2)

FORECAST 2019-2020

CONFIDENTIAL

Winter 2019 - 2020
Load Duration Curve
Design Winter - Total Carolinas



I/A

Piedmont Natural Gas
Docket No. G-9, Sub 752

Exhibit_(GJR-3)

2017-2018 Weather Event

Carolinas: December 2017 - January 2018 Cold Snap

Date	Firm Sales & Firm Transportation Less Base Load	HDDs	Usage per HDD Less Base Load
12/30/2017	530,098	28.2	18,798
12/31/2017	836,623	41.3	20,257
1/1/2018	975,969	46.2	21,125
1/2/2018	1,011,608	42.0	24,086
1/3/2018	972,138	39.3	24,736
1/4/2018	1,037,719	44.5	23,320
1/5/2018	1,011,070	42.8	23,623
1/6/2018	1,015,633	44.8	22,670
1/7/2018	964,821	40.5	23,823
1/8/2018	714,357	27.8	25,696

All usage is in dekatherms.
Base load equals 164,485 dekatherms.

I/A

Piedmont Natural Gas
Docket No. G-9, Sub 752

Exhibit_(GJR-4A)

Winter 2018 - 2019 Design Day Start Point

	Total Carolinas
Baseload - Firm Sales & Firm Transport [1]	203,028
Design Day Temperature	8.68
Design Day DDD	56.3
Difference between Actual and Design Day (DDD)=	n/a
Estimated increase in FirmSls & Trans Usage per degree day	22,175
Total Firm Sls & Tran usage for total 56.3 HDDs	**1,451,927**
TOTAL NEW FIRM SALES PICKED UP MID YEAR	1,909
TOTAL FIRM SALES MOVED TO TRANSPORT MID YEAR	(786)
TOTAL NET NUMBER - FIRM SALES PICKED UP	1,123
Firm Sales Contract Commitment - Customer A	333
Firm Sales Contract Commitment - Customer B	3,900
Firm Sales Contract Commitment - Customer C	3,000
Total Firm Sales Contract Commitment	7,233
Prior Winter Firm Transport (Total FT DTs consumed on highest winter day)	132,242
Date of occurrence (NC)	January 30, 2018
Date of occurrence (SC)	January 15, 2018

[1] Baseload - Firm Sales & Firm Transport increased for Winter 2018-2019 because beginning with Winter 2018-2019, winter only data will be used. Winter data is the relevant data for winter design day forecasting.

I/A

Piedmont Natural Gas
Docket No. G-9, Sub 752

Exhibit__(GJR - 4B)

Customer Growth for Winter Design Day 2018-2019

Actual Customer Count by Year as of March 31 Through 2018
Projected Customer Count by Year as of March 31 Through 2021

	TOTAL RESIDENTIAL & COMMERCIAL CUSTOMER COUNT									
	ACTUAL							PROJECTION		
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Total NC & SC	818,298	826,993	839,328	852,754	865,950	876,464	891,191	905,450	919,937	934,748
	0.70%	1.06%	1.49%	1.60%	1.55%	1.21%	1.68%	1.60%	1.60%	1.61%

Piedmont Natural Gas
Docket No. G-9, Sub 752

Exhibit_(GJR-4C)

I/A

FORECAST 2018-2019

Carolinas Design Day Demand & Supply Schedule - Winter 2018 - 2019

Design Day Temperature of 8.68 Degrees (56.32 HDDs) CONFIDENTIAL

No.	(All Values in Dt/d)	Carolinas Demand	Net Growth Rate	1.6%	1.6%	1.6%	1.6%	1.6%
	DEMAND		Winter Period:	2018 -2019	2019 - 20	2020 - 21	2021 - 22	2022 - 23
1	System Design Day Firm Sendout			1,475,157	1,499,901	1,523,899	1,548,434	1,573,364
2	Mid Year Firm Sales Pick Up			1,909				
3	Mid Year Firm Sales Deduct (move to Firm Transport)			(786)				
4	Subtotal Sendout plus Mid Year Pickup			1,476,280	1,499,901	1,523,899	1,548,434	1,573,364
5	Special Contract Firm Sales Commitment			7,233	7,233	7,233	7,233	7,233
6	Total Firm Design Day Demand			1,483,513	1,507,134	1,531,132	1,555,667	1,580,597
7	Reserve Margin on Design Day Demand (5%)			74,176	75,357	76,557	77,783	79,030
8	*Subtotal Demand*			**1,557,689**	**1,582,491**	**1,607,689**	**1,633,450**	**1,659,627**
9	*Less:*							
10	Firm Transportation Without Standby			(132,242)	(100,000)	(100,000)	(100,000)	(100,000)
11	***Total Firm Sales Demand***			**1,425,447**	**1,482,491**	**1,507,689**	**1,533,450**	**1,559,627**
12	***SUPPLY CAPACITY***							
13	***Firm Transportation***		Days					
14	**Transco**	FT	365	301,016	301,016	301,016	301,016	301,016
15	**Transco**	FT	365	6,440	6,440	6,440	6,440	6,440
16	**Transco**	FT SE '94/95/96	365	129,485	129,485	129,485	129,485	129,485
17	**Transco**	Sunbelt	365	41,400	41,400	41,400	41,400	41,400
18	**Transco**	VA Southside	365	20,000	20,000	20,000	20,000	20,000
19	**Transco**	Leidy	365	100,000	100,000	100,000	100,000	100,000
20	**Columbia Gas**	FTS	365	32,801	32,801	32,801	32,801	32,801
21	**Columbia Gas**	NTS	365	10,000	10,000	10,000	10,000	10,000
22	**East TN (MGT Upstream)**	FT	365	19,578	19,578	19,578	19,578	19,578
23	**Atlantic Coast Pipeline ***	FT	365		160,000	160,000	160,000	160,000
24	***Total Year Round FT***			660,720	820,720	820,720	820,720	820,720
25								
26	**Transco**	FT Southern Expansion	151	72,502	72,502	72,502	72,502	72,502
27	**East TN (TETCO Upstream)**	FT	151 [1]	24,798	24,798	24,798	24,798	24,798
28	**Transco**	FT	90	6,314	6,314	6,314	6,314	6,314
29	***Total Winter Only FT***			103,614	103,614	103,614	103,614	103,614
30								
31	***Firm Transportation Subtotal***			764,334	924,334	924,334	924,334	924,334
32								
33	**Hardy Storage**	HSS	70	68,835	68,835	68,835	68,835	68,835
34	**Dominion**	GSS	60 [2]	0	0	0	0	0
35	**Columbia Gas**	FSS/SST	59	86,368	86,368	86,368	86,368	86,368
36	**Transco**	GSS	55	77,475	77,475	77,475	77,475	77,475
37								
38	***Total Seasonal Storage***			232,678	232,678	232,678	232,678	232,678
39								
40	***Peaking Capacity***							
41	**Piedmont**	LNG - Huntersville	10	100,000	100,000	100,000	100,000	100,000
42	**Piedmont**	LNG - Bentonville	10	90,000	90,000	90,000	90,000	90,000
43	**Transco**	Pine Needle	10	263,400	263,400	263,400	263,400	263,400
44	**Transco**	LNG (formerly LG-A)	5	8,643	8,643	8,643	8,643	8,643
45	***Peaking Supplies Total***			**462,043**	**462,043**	**462,043**	**462,043**	**462,043**
46								
47	***Total Capacity***			**1,459,055**	**1,619,055**	**1,619,055**	**1,619,055**	**1,619,055**
48	**Surplus(Deficit)**			**33,608**	**136,564**	**111,366**	**85,605**	**59,428**

* *Atlantic Coast Pipeline scheduled to come on line in fourth quarter 2019*

[1] *East TN capacity is 365 days, however the upstream TETCO capacity delivering to East TN is 151 days*

[2] *Beginning in FY2015, Dominion capacity removed as available capacity on design day due to non-firm backhaul from Transco Zone 6.*

Piedmont Natural Gas
Docket No. G-9, Sub 752

Exhibit_(GJR-5A)

I/A

Winter 2019 - 2020 Design Day Start Point

Design Day Forecast 2019 - 2020	**Total Carolinas**	
Baseload - Firm Sales & Firm Transport	211,454	
Design Day Temperature	8.68	
Design Day DDD	56.3	
Difference between Actual and Design Day (DDD)	n/a	
Estimated increase in FirmSls & Trans Usage per degree day	22,439	
Total Firm Sls & Tran usage for total 56.4 HDDs	$\boxed{1,475,204}$	
TOTAL NEW FIRM SALES PICKED UP MID YEAR & ANNUAL ELECTIONS	2,371	
TOTAL FIRM SALES MOVED TO TRANSPORT ANNUAL ELECTIONS	(1,775)	
TOTAL NET NUMBER - FIRM SALES PICKED UP	596	
Firm Sales Contract Commitment - Customer A	333	
Firm Sales Contract Commitment - Customer B	3,900	
Firm Sales Contract Commitment - Customer C	3,000	
Total Firm Sales Contract Commitment	$\boxed{7,233}$	
Prior Winter Firm Transport (Total FT DTs consumed on highest winter day)	$\boxed{134,427}$	
Date of occurrence - January 30, 2019	124,591	NC
Date of occurrence - January 21, 2019	9,835	SC

I/A

Piedmont Natural Gas
Docket No. G-9, Sub 752

Exhibit__(GJR - 5B)

Customer Growth for Winter Design Day 2019-2020

Actual Customer Count by Year as of March 31 Through 2019
Projected Customer Count by Year as of March 31 Through 2022

	TOTAL RESIDENTIAL & COMMERCIAL CUSTOMER COUNT									
	ACTUAL							PROJECTION		
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Total NC & SC	826,993	839,328	852,754	865,950	876,464	891,191	901,513	916,839	932,425	948,276
	1.06%	1.49%	1.60%	1.55%	1.21%	1.68%	1.16%	1.67%	1.67%	1.67%

I/A

Carolinas Design Day Demand & Supply Schedule - Winter 2019 - 2020

Design Day Temperature of 8.68 Degrees (56.32 HDDs)

CONFIDENTIAL

No.	(All Values in Dt/d)	Type of Contract	Days	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24
	Carolinas Demand Net Growth Rate			1.67%	1.67%	1.67%	1.67%	1.67%
	DEMAND		Winter Period:	2019 - 20	2020 - 21	2021 - 22	2022 - 23	2023 - 24
1	System Design Day Firm Sendout			1,499,840	1,525,494	1,550,969	1,576,871	1,603,204
2	Mid Year Firm Sales Pick Up			2,371				
3	Mid Year Firm Sales Deduct (move to Firm Transport)			(1,775)				
4	Subtotal Sendout plus Mid Year Pickup			1,500,436	1,525,494	1,550,969	1,576,871	1,603,204
5	Special Contract Firm Sales Commitment			7,233	7,233	7,233	7,233	7,233
6	Total Firm Design Day Demand			1,507,669	1,532,727	1,558,202	1,584,104	1,610,437
7	Reserve Margin on Design Day Demand (5%)			75,383	76,636	77,910	79,205	80,522
8	*Subtotal Demand*			**1,583,053**	**1,609,363**	**1,636,112**	**1,663,309**	**1,690,959**
9	*Less:*							
10	Firm Transportation Without Standby			(134,427)	(125,000)	(125,000)	(125,000)	(125,000)
11	***Total Firm Sales Demand***			**1,448,626**	**1,484,363**	**1,511,112**	**1,538,309**	**1,565,959**
12	***SUPPLY CAPACITY***							
13	***Firm Transportation***	Type of Contract	Days					
14	**Transco**	FT	365	301,016	301,016	301,016	301,016	301,016
15	**Transco**	FT	365	6,440	6,440	6,440	6,440	6,440
16	**Transco**	FT SE '94/95/96	365	129,485	129,485	129,485	129,485	129,485
17	**Transco**	Sunbelt	365	41,400	41,400	41,400	41,400	41,400
18	**Transco**	VA Southside	365	20,000	20,000	20,000	20,000	20,000
19	**Transco**	Leidy	365	100,000	100,000	100,000	100,000	100,000
20	**Columbia Gas**	FTS	365	32,801	32,801	32,801	32,801	32,801
21	**Columbia Gas**	FTS	365	10,000	10,000	10,000	10,000	10,000
22	**East TN (MGT Upstream)**	NTS	365	19,578	19,578	19,578	19,578	19,578
23	**Atlantic Coast Pipeline** *	FT	365	0	0	160,000	160,000	160,000
24	***Total Year Round FT***	FT		660,720	660,720	820,720	820,720	820,720
25								
26	**Transco**	FT Southern Expansion	151	72,502	72,502	72,502	72,502	72,502
27	**East TN (TETCO Upstream)**	FT	151 [1]	24,798	24,798	24,798	24,798	24,798
28	**Transco**	FT	90	6,314	6,314	6,314	6,314	6,314
29	***Total Winter Only FT***			103,614	103,614	103,614	103,614	103,614
30								
31	***Firm Transportation Subtotal***			764,334	764,334	924,334	924,334	924,334
32								
33	**Hardy Storage**	HSS	70	68,835	68,835	68,835	68,835	68,835
34	**Dominion**	GSS	60 [2]	0	0	0	0	0
35	**Columbia Gas**	FSS/SST	59	86,368	86,368	86,368	86,368	86,368
36	**Transco**	GSS	55	77,475	77,475	77,475	77,475	77,475
37								
38	***Total Seasonal Storage***			232,678	232,678	232,678	232,678	232,678
39								
40	***Peaking Capacity***							
41	**Piedmont**	LNG - Huntersville	10	100,000	100,000	100,000	100,000	100,000
42	**Piedmont**	LNG - Bentonville	10	90,000	90,000	90,000	90,000	90,000
43	**Transco**	Pine Needle	10	263,400	263,400	263,400	263,400	263,400
44	**Transco**	LNG (formerly LG-A)	5	8,643	8,643	8,643	8,643	8,643
45	**Piedmont**	LNG - Robeson TBD	[3]	0	0	TBD	TBD	TBD
46	***Peaking Supplies Total***			462,043	462,043	462,043	462,043	462,043
47								
48	***Total Capacity***			**1,459,055**	**1,459,055**	**1,619,055**	**1,619,055**	**1,619,055**
49				**10,429**	**(25,308)**	**107,943**	**80,746**	**53,096**

* *Atlantic Coast Pipeline scheduled to come on line in fourth quarter 2021*

[1] *East TN capacity is 365 days, however the upstream TETCO capacity delivering to East TN is 151 days*

[2] *Beginning in FY2015, Dominion capacity removed as available capacity on design day due to non-firm backhaul from Transco Zone 6.*

[3] *The facility is anticipated to be completed in the summer of 2021, and therefore is forecasted to provide peaking support starting winter 2021-2022. The capacity portfolio will be restructured to include Robeson LNG using the "best cost" gas purchasing policy while taking into account the customer load profile.*

I/A

Docket Number	Pipeline / Applicant	Deadline Date	Filed Date	Action	Description	Status of Docket
CP18-485	Texas Eastern Transmission, LP Transcontinental Gas Pipe Line Company, LLC	6/14/2018	5/17/2018	Intervened on 6/14/2018	TETCO and Transco are filing to abandon a gathering lateral and related facilities located in offshore federal waters in the Gulf of Mexico near Louisiana. Specifically, the applicants propose to abandon in place about 20.5 miles of a 12-inch diameter offshore gathering lateral, designated as Line 41- A-5-B, abandon the metering and regulating station number 72135, receipt point 73646, and delivery point 73702, and abandon by removal all related appurtenant facilities.	On 6/14/2018, several entities protested this filing. On 6/29/2018, TETCO answered the protest. Other entities intervened.
CP18-486	Texas Eastern Transmission, LP Transcontinental Gas Pipe Line Company, LLC	6/14/2018	5/18/2018	Intervened on 6/14/2018	TETCO, Transco, and Northern are filing a joint application to abandon a supply lateral and related facilities located in offshore federal waters in the Gulf of Mexico near Louisiana. Specifically, the applicants propose to abandon in place about 12.0 miles of a 16-inch diameter offshore supply lateral, designated as Line 41-A-8, abandon receipt point numbers 73674 and 71710, and abandon by removal all related appurtenant facilities.	Other entities have intervened.
RP18-843	Texas Eastern Transmission, LP	6/11/2018	5/30/2018	Intervened on 6/8/2018	TETCO's tariff states that it will file a penalty disbursement report within sixty days of August 31 or sixty days after the end of a Month for which Action Alert or OFO penalty revenue collected exceeds $1,000,000, throughout the filing period. This penalty disbursement report sets forth the total amount of penalties collected and the proposed credits for each non-offending customer.	Various interventions were filed.
CP18-505	Texas Eastern Transmission, LP	7/20/2018	6/18/2018	Intervened on 7/20/2018	TETCO is filing to abandon in place and by removal in total approximately 212.35 miles of various 30-inch diameter pipelines located in Louisiana, and offshore in state and federal waters in the Gulf of Mexico due to declining gas production in these offshore areas served by the Cameron System. TETCO states that the facilities proposed for abandonment are not required to meet current firm service obligations.	Other entities have intervened.
CP18-507	Columbia Gas Transmission, LLC	8/28/2018	6/19/2018	Intervened on 8/28/2018	TCO is requesting authorization to perform installations and activities to enable the in-line inspection of its 12-inch-diameter Line 5. TCO proposes to perform installations and modifications to TCO's existing Line 5 to allow for the internal passage of ILI devices in order to assess the integrity of the pipeline. TCO states that the project is required to ensure compliance with the PHMSA requirements for inspections of pipeline systems to ensure their safety and reliability.	Other entities have intervened.
CP18-508	Columbia Gas Transmission, LLC	7/26/2018	6/20/2018	Intervened on 7/20/2018	TCO is seeking authorization to make segments piggable by installing bi-directional launchers, receivers, mainline valves and other appurtenant facilities, all located in Madison and Fayette Counties, Kentucky as part of its modernization program. TCO estimates the cost of the facilities to be $8.2 MM and as part of its application, TCO has included a request for pre-determination of rolled-in rate treatment.	On 1/17/2019, the Order Issuing Certificate was issued. TCO accepted its certificate on 1/28/2019.
RP18-912	Texas Eastern Transmission, LP	7/10/2018	6/28/2018	Intervened on 7/10/2018	TETCO is filing revised Current Unit EPC Changes and revised EPC Surcharges, to be effective August 1, 2018. The revised tariff records reflect changes in TETCO's EPC Adjustment such that, for example, the primary firm capacity reservation charges, usage rates and 100% load factor average costs for full Access Area Boundary service from the Access Area Zone ELA (East Louisiana) to the three market area zones	On 7/26/2018, a letter order accepting TETCO's filing was issued.
CP18-515	Columbia Gas Transmission, LLC	9/7/2018	6/29/2018	Intervened on 9/7/2018	TCO is filing for authorization to abandon two injection/withdrawal wells at its Brinker Storage Field, located in Columbiana County, Ohio, one I/W well at its Victory B Storage Field, located in Marshall County, West Virginia, and associated pipelines and appurtenances due to poor performance. The filing reflects that the cost to replicate the facilities is $4.8 million while the cost of retirement would be around $750,000. The filing does not state whether this project is part of the Modernization Program.	Other entities have intervened. TCO has responded to discovery requests.
CP18-518	Columbia Gas Transmission, LLC	9/14/2018	7/6/2018	Intervened on 9/14/2018	TCO is filing to request authorization to abandon 12 injection/withdrawal wells and associated pipelines and appurtenances at five of Columbia's Ohio storage fields located in Ashland, Medina, and Richland counties, Ohio due to poor performance. The filing reflects that the cost to replicate the facilities is $24 MM while the cost of retirement would be around $3 MM. The filing does not state whether this project is part of the Modernization Program.	Other entities have intervened.
CP18-533	Texas Eastern Transmission, LP	8/28/2018	7/24/2018	Intervened on 8/28/2018	TETCO is requesting authorization to abandon in place and by removal a total of approximately 30 miles of 12-inch, 10-inch, and 8-inch diameter lateral pipeline; abandon by removal all of the facilities at metering and regulating station 70191; and abandon by removal other related appurtenances. TETCO states that the project will eliminate the need for future operating and maintenance expenditures on facilities that are no longer needed to provide transportation service and have not been used in over a year. TETCO further states that abandonment of these facilities will not result in any impact on certificated capacity on its system or in a reduction in firm service to existing customers.	Other entities have intervened.

Piedmont Natural Gas
Docket No. G-9, Sub 752
Piedmont's FERC Filing Activity

Exhibit (GJR - 6)

Docket Number	Pipeline / Applicant	Deadline Date	Filed Date	Action	Description	Status of Docket
RP18-1000	Transcontinental Gas Pipe Line Company, LLC	8/13/2018	7/30/2018	Intervened on 8/13/2018	Transco received its portion of penalty disbursement for storage service purchased under TETCO's Rate Schedule X-28 which is used by Transco to provide service to its customers under its Rate Schedule S-2. Transco refunded the amount received from TETCO, with interest, to its Rate Schedule S-2 customers on July 27, 2018.	Several motions to intervene have been filed.
RP18-1001	Transcontinental Gas Pipe Line Company, LLC	8/13/2018	7/30/2018	Intervened on 8/13/2018	Transco is filing to track rate changes attributable to storage service purchased from TETCO under its Rate Schedule X-28. These costs are included in the rates and charges payable under Transco's Rate Schedule S-2. These changes have been approved by Commission letter order.	Several motions to intervene have been filed. On 8/23/2018, the Commission issued a letter order accepting Transco's filing.
RP18-1045	Transcontinental Gas Pipe Line Company, LLC	8/15/2018	8/3/2018	Intervened on 8/15/2018	Transco is filing to track rate changes attributable to storage service purchased from TETCO under its Rate Schedule X-28. These costs are included in the rates and charges payable under Transco's Rate Schedule S-2. These changes have been approved by Commission letter order.	Several motions to intervene have been filed. On 8/23/2018, the Commission issued a letter order accepting Transco's filing.
RP18-1074	Texas Eastern Transmission, LP	9/4/2018	8/22/2018	Intervened on 9/4/2018	After filing its updated EPC surcharge (accepted in Docket No. RP18-1074), TETCO has determined that the currently-effective EPC Surcharge applicable to recourse rates for the Gulf Markets 1 and 2 Projects would result in a significant over-recovery of the Gulf Markets 1 and 2 Projects balance in the applicable Deferred EPC Sub-Account as of April 30, 2018. Accordingly, TETCO is proposing to reduce the EPC Surcharge for the Gulf Markets 1 (from $0.1060 to $0.0788) and 2 Projects (from $0.1658 to $0.0668), effective on September 1, 2018.	Several motions to intervene have been filed. On 9/20/2018, the Commission issued a letter order accepting TETCO's filing.
RP18-1084	Texas Eastern Transmission, LP	9/10/2018	8/27/2018	Intervened on 9/7/2018	TETCO is filing its report of recalculated Operational Segment Capacity Entitlements based on the 2017 Operational Entitlements adjusted to reflect the changes in allocation of capacity in certain locations as a result of contract terminations, as well as remarketing of unsubscribed capacity.	Several motions to intervene have been filed.
RP18-1126	Transcontinental Gas Pipe Line Company, LLC	9/12/2018	8/31/2018	Intervened with Protest on 9/12/2018	Transco filed its Section 4 Rate Case.	On 3/18/2019, a letter order was issued accepting Transco's motion to place suspended tariff into effect.
CP18-544	Columbia Gas Transmission, LLC	9/25/2018	9/5/2018	Intervened on 9/21/2018	Columbia Gas seeks issuance of a temporary certificate authorizing the installation of temporary compression at its Petersburg Compressor Station in Prince George County, Virginia, in order to maintain uninterrupted service to its customers during an unanticipated outage of existing compression due to emergency restoration activities required at the Station site. Columbia states that subsidence due to poor soil conditions has resulted in foundation damage as well as the unsafe buildup of stresses on Station piping that presents safety and reliability risks if further settlement is not prevented.	Other entities have intervened.
RP19-62	Dominion Energy Transmission, Inc.	10/23/2018	10/11/2018	Intervened on 10/23/2018	Dominion's 501-G Filing.	On 3/8/2019, an order was issued terminating this proceeding.
RP19-63	East Tennessee Natural Gas, LLC	10/23/2018	10/11/2018	Intervened on 10/23/2018	ETNG's 501-G Filing.	On 1/2/2019, the Order setting the procedural schedule was issued. On 1/8/2019, the Order establishing the rules of procedure was issued. On 1/9/2019 a motion for adoption of protective order was filed and approved by 1/31/2019 Order.

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Docket No. G-9, Sub 752
Piedmont's FERC Filing Activity

Exhibit (GJR - 6)

Docket Number	Pipeline / Applicant	Deadline Date	Filed Date	Action	Description	Status of Docket
RP19-101	Texas Eastern Transmission, LP	10/31/2018	10/19/2018	Intervened on 10/29/2018	TETCO is filing a series of tariff modifications in order to comply with the Commission's Order issued on February 15, 2018 in Docket No. CP15-499 granting authorization for the South Texas Expansion Project and for the Pomelo Connector, LLC to construct the Pomelo Connector Pipeline. These modifications include its approved revised incremental rates, along with workpapers showing the calculation of the rates, and various modifications to describe the nature of service on these projects.	Several motions to intervene have been filed.
RP19-117	Texas Eastern Transmission, LP	11/5/2018	10/24/2018	Intervened on 11/5/2018	TETCO is submitting tariff sections setting forth the rates from December 1, 2018, through November 30, 2019 under a Commission-approved Settlement. These tariff sections reflect the estimate of TETCO's Year 2 Eligible PCB-Related Costs of approximately $1,865,000 of which approximately $1,072,375 is recoverable pursuant to the Settlement. Approximately $1,436,601 is eligible to be reflected in current proposed rates. This $1,436,601 reflects an IT revenue credit of approximately $13,792 and a deferred account balance of approximately $378,018, and is less than the annual cap of $5,000,000.	Several motions to intervene have been filed. On 11/29/2018, a letter order accepting TETCO's filing was issued.
RP19-136	Transcontinental Gas Pipe Line Company, LLC	11/13/2018	10/29/2018	Intervened on 11/9/2018	Transco is filing its report showing the distributed penalty sharing amounts to all affected shippers. The report shows a total penalty revenue, including interest, of $161,371.06.	Several motions to intervene have been filed.
RP19-211	Columbia Gulf Transmission, LLC	11/13/2018	10/31/2018	Intervened on 11/9/2018	Columbia Gulf is filing to adjust Columbia Gulf's retainage percentage as permitted by the pipeline's Transportation Retainage Adjustment. Because Columbia Gulf is utilizing more compression to transport gas in a single direction along the mainline, and therefore burning more compressor fuel than originally anticipated in the 2018 Annual TRA Filing, Columbia Gulf has experienced an aggregate under-recovery of Company-Use of approximately 3.4 Bcf between January and September of 2018. This set of circumstances has created an urgent operational situation on the Columbia Gulf system which requires that the Company-Use component of the mainline retainage rate be adjusted through a periodic TRA filing.	On 1/29/2019, a technical conference was scheduled for 3/20/2019.
RP19-204	Texas Eastern Transmission, LP	11/13/2018	10/31/2018	Intervened on 11/9/2018	TETCO is filing its Annual Applicable Shrinkage Adjustment and Interruptible Revenue Reconciliation Report. In this report, TETCO is proposing changes in ASA Percentages for system customers and changes in its ASA Surcharge rates in order to clear the net balance in the ASA Deferred Account as of August 31, 2018. For historic long-haul service, this filing implements a decrease in the annual average ASA Percentage of 0.26% and an increase in the ASA Surcharge of 2.33 cents per dekatherm. For those system customers accessing the Market Area zones, this filing on average reduces fuel by 0.28%.	On 11/15/2018, a letter order was filed accepting TETCO's filing.
RP19-163	Transcontinental Gas Pipe Line Company, LLC	11/13/2018	10/31/2018	Intervened on 11/9/2018	Transco is filing to track rate changes attributable to storage services purchased from Dominion Transmission, Inc. under its Rate Schedule GSS. On September 28, 2018, Dominion filed revised tariff records in order to update its Electric Power Cost Adjustment and filed revised tariff records in order to update its Transportation Cost Rate Adjustment. Included in those filings are revised rates under Dominion's Rate Schedule GSS that Transco uses to render service to its customers under its Rate Schedules GSS and LSS. In order to track these changes, the daily injected charge was decreased from $0.05082 to $0.05061 per dt and the withdrawal charge was decreased from $0.04314 to $0.04292 per dt on Rate Schedule GSS. On Rate Schedule LSS, the injected charge decreased from $0.02949 to $0.02929 per dt and the withdrawn charge decreased from $0.02231 to $0.02211, while the demand charge increased from $0.15057 to $0.15058 per dt.	Several motions to intervene have been filed. On 11/29/2018, a letter order accepting Transco's filing was issued.
RP19-222	Columbia Gas Transmission, LLC	11/13/2018	11/1/2018	Intervened on 11/9/2018	TCO is filing to adjust its Operational Transaction Rate Adjustment for the upcoming 2018 winter season. TCO is proposing to collect costs associated with the upcoming OTRA winter season of November 2018 through March 2019 in the amount of $3,546,325. Additionally, TCO is proposing to include $1,102,580 of under-recoveries from the previous OTRA period in its calculation of the OTRA true-up surcharge.	On 11/27/2018, a letter order was filed accepting TCO's filing.

Piedmont Natural Gas
Docket No. G-9, Sub 752
Piedmont's FERC Filing Activity

Exhibit (GJR - 6)

Docket Number	Pipeline / Applicant	Deadline Date	Filed Date	Action	Description	Status of Docket
CP19-14	Mountain Valley Pipeline, LLC	12/10/2018	11/6/2018	Intervened on 12/10/2018	MVP is requesting authorization to construct, own and operate its Southgate Project located in Virginia and North Carolina, consisting of approximately 73 miles of new 24-inch and 16-inch-diameter pipeline, the 28,915 horsepower Lambert Compressor Station in Pittsylvania County, Virginia, and associated valves, piping, pig launching and receiving facilities, and appurtenant facilities. The proposed Southgate Project facilities commence near the City of Chatham, in Pittsylvania County, Virginia and terminate at a delivery point with PSNC near the City of Graham in Alamance County, North Carolina.	Interventions and Comments filed. MVP filed a response to comments and protests on 1/8/2019.
RP19-262	Hardy Storage Company, LLC	11/20/2018	11/8/2018	Intervened on 11/14/2018	Hardy is filing a stipulation in lieu of a 501-G filing that will implement reduced rates to be effective January 1, 2019. The settlement provides that Hardy will file a cost and revenue study on or before June 1, 2022, reservation rates for firm service and the fixed cost components of its one-part rates have been reduced by 7.8 percent, and overall cost of service underlying the settlement rates has been determined on a negotiated, "black box" basis. In its filing, Hardy has requested a shortened comment period of 5 days for this filing.	On 11/28/2018, an order was issued accepting the settlement.
RP19-280	Spectra Energy Partners, LP	11/20/2018	11/8/2018	Intervened on 11/20/2018	Spectra is requesting a limited waiver of the No-Conduit Rule adopted by the Commission in Order No. 787. The No-Conduit Rule "prohibits recipients of non-public, operational information [received] pursuant to [Order No. 787] from subsequently disclosing that information to a third party," and applies to employees of interstate pipelines who are shared with non-jurisdictional intrastate pipeline affiliates. Spectra is requesting this waiver for Algonquin Gas Transmission, LLC, Bobcat Gas Storage, Big Sandy Pipeline, LLC, Egan Hub Storage, LLC, East Tennessee Natural Gas, LLC, Maritimes & Northeast Pipeline, L.L.C. Market Hub Partners Holding, LLC, NEXUS Gas Transmission, LLC, Ozark Gas Transmission, L.L.C., Sabal Trail Transmission, LLC, Saltville Gas Storage Company L.L.C., Southeast Supply Header, LLC, Steckman Ridge, LP, and Texas Eastern Transmission, LP.	On 1/4/2019, an Order granting the waiver was issued.
RP19-292	Midwestern Gas Transmission Company	11/27/2018	11/15/2018	Intervened on 11/27/2018	Midwestern is proposing to update its tariff in Part 8, Section 2, Gas Quality and Pressure, Subpart 2.4, Refusal of Out of Quality Specification Gas, to add language clarifying Midwestern's ability to waive gas quality specifications consistent with its general tariff waiver provision included in Part 8, Section 13 in order to provide operational flexibility.	Several motions to intervene have been filed.
RP19-297	Texas Eastern Transmission, LP	11/21/2018	11/16/2018	Intervened on 11/21/2018	TETCO filed a petition requesting an extension of time to file its 501-G filing from December 6, 2018 until December 31, 2018 since it is scheduled to file a rate case by that date.	On 11/27/2018, FERC issued a notice indicating that TETCO's extension had been accepted.
CP19-21	Columbia Gas Transmission, LLC	2/4/2019	11/27/2018	Intervened on 2/1/2019	TCO is requesting authorization to construct and operate its Artemas A Storage Field New Wells Project. The project consists of three new directional storage wells and related pipelines and appurtenances at TCO's Artemas A Storage Field, located in Bedford County, Pennsylvania in order to improve storage deliverability of the field, as part of the Modernization II Settlement. The Artemas A Storage Field currently consists of 17 active wells and is operated with a total capacity of 14.457 Bcf consisting of 13.70 Bcf of certificated base and working gas, and approximately 0.757 Bcf of residual native gas.	Motions to intervene have been filed.
RP19-343	Texas Eastern Transmission, LP	12/12/2018	11/30/2018	Intervened w/ Protest on 12/12/2018	TETCO's section 4 rate case proceeding.	On 3/6/2019, PNG filed a notice to update the service list in this docket. On 04/04/19, a request to update official service list on behalf of NJ Board of Public Utilities was filed.
RP19-406	Columbia Gas Transmission, LLC	12/18/2018	12/6/2018	Intervened on 12/18/2018	TCO's 501-G filing. TCO elected Option 3, no adjustment.	Several interventions were filed in this docket. On 04/04/2019, an Order Terminating FERC Form No. 501-G Proceeding re Dominion Energy Carolina Gas Transmission

Piedmont Natural Gas
Docket No. G-9, Sub 752
Piedmont's FERC Filing Activity

Exhibit (GJR - 6)

Docket Number	Pipeline / Applicant	Deadline Date	Filed Date	Action	Description	Status of Docket
RP19-408	Columbia Gulf Transmission, LLC	12/18/2018	12/6/2018	Intervened on 12/18/2018	Columbia Gulf's 501-G filing. Columbia Gulf elected Option 3, no adjustment.	Several interventions were filed in this docket. On 04/26/2019, an order was issued terminating FERC Form No. 501-G proceeding.
RP19-424	Pine Needle LNG Company, LLC	12/18/2018	12/6/2018	Intervened on 12/18/2018	Pine Needle's 501-G filing. Pine Needle elected Option 3.	Several interventions were filed in this docket.
RP19-489	Texas Eastern Transmission, LP	1/7/2019	12/26/2018	Intervened on 1/4/2019	TETCO is filing its revised Current Unit EPC Changes and revised EPC Surcharges, to be effective February 1, 2019. TETCO is basing its electric power cost projections on the latest actual twelve months of electric power costs, as well as the latest actual twelve months of throughput quantities (November 2017 through October 2018) and its projections of customer demand quantities are based upon the effective demand billing determinants as of December 1, 2018, annualized to reflect known and measurable changes for the twelve-month period commencing February 1, 2019.	On January 24, 2019, a letter order was issued accepting TETCO's filing.
RP19-515	Columbia Gas Transmission, LLC	1/14/2019	12/31/2018	Intervened on 1/15/2019	TCO is filing to complete the implementation of Article III of its Modernization II Settlement by resetting and reducing Columbia's base transportation recourse rates under Rate Schedules FTS, NTS, NTS-S, ITS, GTS, OPT, TPS, and SST to be effective February 1, 2019 by adding the Base Rates as of January 31, 2019, and the CCRM rate as of January 31, 2019.	On January 23, 2019, a letter order was issued accepting TCO's filing.
RP19-517	Columbia Gas Transmission, LLC	1/14/2019	12/31/2018	Intervened on 1/15/2019	TCO is filing to recover its revenue requirements for specified capital investments made under its long-term plan to modernize its interstate transportation system through its CCRM. This filing proposes to establish a CCRM Daily Rate of $0.0156, applicable to Rate Schedules FTS, NTS, NTS-S, TPS, and SST and a CCRM Daily Rate of $0.0313 for Rate Schedule GTS, $0.0143 for Rate Schedule OPT-30 Day, $0.0131 for Rate Schedule OPT-60 Day $0.0156 for Rate Schedule ITS-Winter, and $0.0104 for Rate Schedule ITS-Summer.	Other parties intervened.
CP19-36	Columbia Gas Transmission, LLC	3/18/2019	1/4/2019	Intervened on 3/19/2019 *FERC website was down	TCO is requesting authorization to replace two segments, totaling approximately 3.27 miles, of its existing 10.75-inch-diameter bare steel pipeline (Line 134) with a 10-inch-diameter coated pipeline and to perform other related appurtenant activities, all located in Armstrong and Butler Counties, Pennsylvania as part of its Modernization Program II. The estimated cost of this project is approximately $16.6 million. TCO states that this project will not result in a reduction or abandonment of service.	Several interventions filed.
CP19-37	Columbia Gas Transmission, LLC	3/18/2019	1/8/2019	Intervened on 3/19/2019 *FERC website was down	TCO is requesting authorization to construct and operate its Lucas and Weaver New Wells Project, which consists of constructing seven new injection/withdrawal storage wells and related pipelines and appurtenances in order to restore late season deliverability to the Lucas and Weaver Storage Fields. Columbia states the proposed new wells would have no impact on existing customers or storage operations, and that there would be no changes in the certificated parameters of either storage field. Columbia estimates the cost of the project to be approximately $30 MM, which will be financed through "internally generated funds."	Several interventions filed. On 04/19/2019, a letter order granting Columbia Gas Transmission's request to implement alternative measures to the required standards for Lucas and Weaver New Wells Project was issued.
CP19-43	Transcontinental Gas Pipe Line Company, LLC	2/1/2019	1/11/2019	Intervened on 2/1/2019	Transco is requesting authorization to abandon 22,840 dt/day of firm transportation capacity in the pipeline segment from Station 30 to Station 65 that it provides to Consolidated Edison Company of New York, Inc. Transco is making this request in order to permit Con Ed to reduce its contracted firm transportation capacity and turn back such capacity to Transco, effective as of the later of March 1, 2019 or upon Commission approval, subject to a turn-back agreement entered into between Transco and Con Ed.	On 2/6/2019, a letter order was issued approving the abandonment of service.
CP19-51	Columbia Gas Transmission, LLC	2/21/2019	1/17/2019	Intervened on 2/21/2019	TCO is requesting authorization to replace and upgrade its VNG Suffolk No. 3 Meter Station, located in Suffolk, Virginia. TCO states that the proposed project will increase the delivery capability of that meter station by 8,270 dekatherms per day while maintaining TCO's current certificated capacity levels. TCO asserts that there will be no change in pipeline system capacity as a result of the proposed project. TCO estimates the cost of the project to be approximately $6.3 million and has requested rolled-in rate treatment for the costs associated with the project.	Several interventions filed.

Piedmont Natural Gas
Docket No. G-9, Sub 752
Piedmont's FERC Filing Activity

Exhibit (GJR - 6)

Docket Number	Pipeline / Applicant	Deadline Date	Filed Date	Action	Description	Status of Docket
CP19-54	Transcontinental Gas Pipe Line Company, LLC	2/12/2019	1/22/2019	Intervened on 2/8/2019	Transco is requesting authorization to abandon a portion of the firm transportation service that it provides to The Brooklyn Union Gas Company D/B/A National Grid NY (16,725 dt/day) and Keyspan Gas East Corporation D/B/A National Grid (10,492 dt/day) under Rate Schedule FT service agreements in order to reduce their contracted firm transportation capacity under the service agreements and turn back such capacity to Transco. Transco is requesting this abandonment be effective as of the later of March 1, 2019 or upon Commission approval, subject to turn-back agreements entered into with National Grid NY and National Grid.	Several interventions filed. On 2/14/2019, a letter order approving the abandonment of service was issued.
RP19-638	Columbia Gas Transmission, LLC	2/19/2019	2/4/2019	Intervened on 2/19/2019	TCO is filing to correct an error in its CCRM rates that were filed and accepted by the Commission in Docket No. RP19-517. This correction results in a small reduction in its CCRM rates. TCO has requested that these rates become effective February 1, 2019, consistent with the previously accepted rates.	On 2/26/2019, a letter order was issued accepting TCO's filing.
RP19-697	Midwestern Gas Transmission Company	3/11/2019	2/26/2019	Intervened on 3/11/2019	In compliance with the stipulation filed in Docket No. RP18-441-000, Midwestern is filing tariff records that implement a tracker and true-up for fuel, loss and unaccounted for volumes.	On 3/14/2019, a letter order was issued accepting Midwestern's filing.
RP19-798	Transcontinental Gas Pipe Line Company, LLC	3/13/2019	3/1/2019	Intervened on 3/13/2019	Transco is filing to adjust its annual fuel retention rates.	Several interventions were filed. On 3/26/2019, a letter order was issued accepting Transco's filing.
RP19-764	Columbia Gas Transmission, LLC	3/13/2019	3/1/2019	Intervened on 3/13/2019	TCO is filing to adjust its retainage percentage consistent with its Retainage Adjustment Mechanism. The filing indicates that the retainage rates will increase for transportation (+0.038% to 1.492) and gathering (+0.500% to 5.000%), but will decrease for storage gas loss (-0.190% to 0.350%) and Ohio storage gas loss (-0.140% to 0.470%).	Several interventions were filed. On 3/21/2019, a letter order was issued accepting TCO's filing.
RP19-763	Columbia Gas Transmission, LLC	3/13/2019	3/1/2019	Intervened on 3/13/2019	TCO is filing tariff sections in order to establish its Transportation Costs Rate Adjustment for the annual period beginning April 1, 2019 in order to recover its costs associated with the transmission and compression of gas by others, or its Account No. 858 costs. TCO states that the estimated prospective 858 Costs for the twelve-month period commencing April 1, 2019 are $45,380,926,6 compared to $30,976,733 of estimated prospective 858 Costs included in last year's TCRA filing. TCO states that the unrecovered past 858 Costs, inclusive of interest, reflect a net under-recovery of $3,298,333, which consists of an under-recovery of $2,838,946 in demand costs and an under-recovery of $459,387 in commodity costs. As a result of the under-recovery, TCO's TCRA results in an increase for all rate schedules affected.	Several interventions and some protests were filed. On 3/27/2019, an Order Accepting and Suspending Tariff Record Subject to Refund and Outcome of Technical Conference was issued.
RP19-787	Columbia Gulf Transmission, LLC	3/13/2019	3/1/2019	Intervened on 3/13/2019	Columbia Gulf is filing to adjust its retainage percentages consistent with its Transportation Retainage Adjustment mechanism.	Several interventions and some protests were filed. On 3/27/2019, an Order Accepting and Suspending Tariff Record Subject to Refund and Outcome of Technical Conference was issued.
RP19-800	Transcontinental Gas Pipe Line Company, LLC	3/13/2019	3/1/2019	Intervened on 3/13/2019	Transco is filing to reflect increases in its Transmission Electric Power rates for the upcoming annual period beginning April 1, 2019.	Several interventions were filed. On 3/26/2019, a letter order was issued accepting Transco's filing.
RP19-945	Pine Needle LNG Company, LLC	4/9/2019	3/28/2019	Intervened on 04/09/2019	Pine Needle is filing its redetermination of its fuel retention percentage applicable to storage services and changes to its Electric Power rates, effective May 1, 2019. The table below details these changes: Current / Proposed / Change FRP: 2.28% / 2.24% / -0.04% EP Rate: .01238 / .01131 / -.00107	On 04/24/2019, a letter order was issued accepting Pine Needle's filing.

Piedmont Natural Gas
Docket No. G-9, Sub 752
Piedmont's FERC Filing Activity

Exhibit (GJR - 6)

Docket Number	Pipeline / Applicant	Deadline Date	Filed Date	Action	Description	Status of Docket
CP19-26	Dominion Energy Transmission, Inc.	12/11/2018	12/18/2019	Intervened on 1/22/2019	DETI is requesting authorization to construct, own, and operate its West Loop Project which consists of approximately 5.1 miles of 36-inch diameter pipeline looping parallel to the existing TL-400 line, from Koppel Junction Site heading west to a new gate site in Beaver County, Pennsylvania. The project also comprises minor changes to existing facilities at the Beaver Compressor Station in Beaver County, Pennsylvania and the Old Petersburg Regulation Facility in Lawrence County, Pennsylvania, and re-wheeling two centrifugal compressors at the existing Carroll Compressor Station in Carroll County, Ohio. DETI states that the proposed facilities will enable it to provide 150,000 dekatherms per day of firm transportation service from Pennsylvania to Ohio for delivery to a proposed natural gas-fired combined cycle electric power generation facility to be located in Columbiana County, Ohio. Dominion estimates the cost of the West Loop Project to be $94,203,462.	Several other parties have intervened.
RP19-987	East Tennessee Natural Gas, LLC	4/9/2019	3/28/2019	Intervened on 04/09/2019	ETNG is filing its 2017-2018 Cashout Report which reflects a net loss from cashout activity of $5,594,554. In accordance with its Rate Schedules LMS-MA, LMS-PA, and PAL, ETNG's 2016-2017 Cashout Report net loss balance of $6,478,882 will be applied to the current year's net loss of $5,594,554 to obtain a 2017-2018 Cashout Report net loss balance of $12,073,436 to be carried forward to the next annual cashout report.	Several interventions were filed.
RP19-1043	Columbia Gas Transmission, LLC	4/15/2019	4/1/2019	Intervened for PNG on 04/15/2019	TCO is filing to lower its OTRA monthly reservation rate for the 2019 summer season to $0.047 per Dth for Rate Schedule FTS service from the existing 2018 winter season rate of $0.062 per Dth. The decrease reflects a reduction in current OTRA surcharge costs of approximately $338,000, an increase of approximately $510,000 in under-recovered OTRA true-up surcharge costs when compared with the previous winter OTRA season, and a projected increase in total seasonal billing determinants to approximately 102,000,000 Dths.	Several interventions were filed in this docket. On 04/26/2019, a letter order was issued accepting Columbia Gas Transmission's filing.
RP19-1191	Columbia Gas Transmission, LLC	5/13/2019	5/1/2019	Intervened for PNG on 5/14/2019	TCO is filing to increase the recoverable Operational 858 Costs for the period June 1, 2019 through March 31, 2020 by $6,383,617. The increase is driven primarily by the rate case increase in TETCO's transportation rates, which will result in a $5,742,878 increase in the Operational 858 Costs.	On 06/27/2019, an Errata Notice to 05/15/2019 Commission issued Notice of Technical Conference in Docket No. RP19-763 issued.
RP19-1225	Transcontinental Gas Pipe Line Company, LLC	5/28/2019	5/16/2019	Intervened for PNG on 5/28/2019	Transco is filing to submit the tariff records reflecting the language proposed in the pro forma tariff records, as directed by the Commission, that became effective subsequent to the January 2, 2018 filing in the Transco Priority of Service Docket (Docket No. RP18-314).	On 06/18/2019, a Letter order accepting Transcontinental Gas Pipe Line Company, LLC's 05/16/2019 filing of tariff records to comply with the Commission's September 7, 2018 order issued in Docket No. RP18-314-000 issued.

I/A

Piedmont Natural Gas
Docket No. G-9, Sub 752
Design Day Temperature

Exhibit (GJR - 7)

Calculated Weighted Average Temperature - 1/21/1985 - Carolinas

With 2018 Weights Across Weather Stations

High Temp	Low Temp	Avg Temp **	Weather Station	Weighting *	Weighted Avg
1	-12	-5.5	GEV	0.0038	-0.02107
21	-8	6.5	GSO	0.2912	1.892892
24	-5	9.5	CLT	0.3116	2.959873
23	-8	7.5	HKY	0.0569	0.427034
26	-4	11	GSP	0.1706	1.876851
16	-2	7	ECG	0.0090	0.063209
18	-1	8.5	POB	0.0531	0.451128
18	-1	8.5	GWW	0.0833	0.707953
27	5	16	ILM	0.0204	0.326982
			Weighted Average Temperature		**8.68**

* Using 2018 calculated weightings that were updated on 5/21/2018.

** Average of high and low temperatures