

Consolidated Edison Company of New York, Inc

Gas Supply Testimony of Peter Carnavos

Index of Exhibits and Schedules

Exhibit__(PTC-1)

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Gas Supply Contracts
Combined ConEdison and Orange & Rockland

<u>Firm Gas Supplier</u>		<u>Expiration Date</u>	<u>Volume (Mdt/d)</u>
<u>ALGONQUIN</u>			
Supplier 6	1	02/28/13	20,000
<u>COLUMBIA GULF/COLUMBIA GAS</u>			
Supplier 9	2	03/31/13	1,900
Supplier 12	3	03/31/13	6,600
Supplier 13	4	10/31/13	8,000
<u>DOMINION</u>			
Supplier 3	5	03/31/13	3,000
<u>IROQUOIS</u>			
Supplier 8	6	03/31/14	25,000
Supplier 16	7	03/31/15	30,000
<u>NATIONAL FUEL</u>			
Supplier 14	8	10/31/13	20,000
<u>TENNESSEE</u>			
Supplier 3	9	03/31/13	4,500
Supplier 5	10	03/31/13	10,000
Supplier 7	11	03/31/15	11,000
Supplier 13	12	03/31/13	5,000
Supplier 16	13	03/31/13	12,000
<u>TEXAS EASTERN</u>			
Supplier 3	14	10/31/13	10,000
Supplier 9	15	10/31/13	3,200
Supplier 9	16	03/31/14	5,900
Supplier 10	17	03/31/14	25,000
Supplier 12	18	10/31/13	10,000
Supplier 15	19	03/31/14	2,600
<u>TRANSCO</u>			
Supplier 1	20	03/31/13	8,300
Supplier 2	21	03/31/13	13,000
Supplier 4	22	03/31/13	10,000
Supplier 6	23	03/31/13	10,000
Supplier 7	24	03/31/15	9,000
Supplier 7	25	03/31/13	30,000
Supplier 9	26	10/31/13	5,000
Supplier 10	27	03/31/13	5,000
Supplier 11	28	03/31/13	10,000
Supplier 17	29	03/31/13	11,000
Supplier 18	30	03/31/13	7,000

Total: 332,000

Pipeline Transportation Contracts
Combined Con Edison and Orange & Rockland FT (Mdt/d)

<u>Pipeline</u>	<u>Rate Schedule</u>	<u>Contract Number</u>	<u>Upstream MDQ</u>	<u>Con-Edison City-Gate MDQ</u>	<u>O&R City-Gate MDQ</u>	<u>Expiration Date</u>
Iroquois	RTS12	560-01		20,234		10/31/2018
	RTS12	560-16	(a)	100,000		11/1/2018
Columbia	FTS	100384	(b)		63,734	3/31/2019
	FTS	3796		19,186		3/31/2014
Algonquin	AFT-11	93010C			5,470	10/31/2016
	AFT-14	93406	(c)		1,104	10/31/2016
	AFT-1Z	86013	(d)		1,014	10/31/2016
	T-1	931003			5,292	8/1/2014
	AFT-1	97033			20,000	10/31/2014
	AFT-1RM	510371	(e)	100,000		25,000
Transco	FT	1002239		2,084		3/31/2013
	FT	100659		3,800		4/1/2014
	FT	100658		4,500		11/1/2014
	FT	1016007		30,344		10/31/2013
	FT	1003683		335,880		3/31/2016
	FT-PS	1005011		10,143		3/31/2016
Tennessee	FT-A	31585			5,035	10/31/2014
	FT-A	2185		31,212		10/31/2014
	FT-A	330			25,000	10/31/2014
	FT-A	2511	1,541			10/31/2014
	FT-A	2530	2,337			10/31/2014
	FT-A	3908	2,791			10/31/2014
	FT-A	3910	4,961			10/31/2014
	FT-A	8402	(b)	12,440		10/31/2014
	FT-A	36656		10,000		4/2/2017
	FT-A					
Tetco	CDS	800410	12,047	55,238		10/31/2014
	FT-1	910226		10,000		10/31/2014
	FTS	330836		3,075		10/31/2015
	FT-1	910584		14,770		10/31/2015
	CDS	800437	384			10/31/2018
	FT-1	800403	10,836			10/31/2018
	CDS	800438	507			10/31/2018
National Fuel	EFT	E00522	3,800			3/31/2014
	FT-3	FO1775	31,212			10/31/2013
	FT	F11185	68,311			10/31/2018
	FST	N11192	7,871			3/31/2023
Dominion	FT	200398	7,575			10/31/2015
Millenium	FT-1	5582 / FT01-0001	(f)	125,000	55,000	10/31/2023
Union Gas			21,825			10/31/2016
Union Gas			31,746			10/31/2016
TransCanada			21,554			10/31/2016
TransCanada			31,651			10/31/2016
Incremental Winter Delivered Service	Peaking			35,000		3/31/2013
Incremental Winter Delivered Service	Peaking			50,000		3/31/2014
Incremental Winter Delivered Service	Peaking			50,000		3/31/2015
Total:			527,575	776,280	186,649	

(a) 100,000 Dt/d represents the entire contracted capacity. Of this total, 61,129 Dt/d is considered solely FT, with the remaining 38,871 Dt/d as storage.

(b) 63,734 Dt/d represents the entire contracted capacity. Of this total, 51,294 Dt/d is considered solely FT, with the remaining 12,440 Dt/d as storage.

(c) 1,104 Dt/d represents the entire contracted capacity. Of this total, 246 Dt/d is considered solely FT, with the remaining 858 Dt/d as storage

(d) 1,014 Dt/d represents the entire contracted capacity. Of this total, 225 Dt/d is considered solely FT, with the remaining 789 Dt/d as storage

(e) 125,000 Dt/d represents the entire contracted capacity. Of this total, 100,000 Dt/d is considered upstream to Iroquois (see footnote "a"), with the remaining 25,000 Dt/d is storage to O&R

(f) 180,000 Dt/d represents the entire contracted capacity. Of this, 125,000 Dt/d is upstream capacity and the remaining 55,000 Dt/d is storage to O&R

Storage Contracts

Combined ConEdison and Orange and Rockland

Market Area Storage	<u>Max Daily Withdrawal</u>	<u>Max Storage Capacity</u>	<u>Expiration Date (*)</u>
Transco SS2	19,355 Dt/d	2,129 Mdt	3/31/2014
Transco GSS	10,040 Dt/d	515 Mdt	3/31/2023
Dominion/GSSTE	23,587 Dt/d	2,409 Mdt	3/31/2020
Tetco SS1	69,150 Dt/d	4,169 Mdt	4/30/2018
Tetco FSS1	507 Dt/d	30 Mdt	4/30/2018
Tetco SS1	1,140 Dt/d	100 Mdt	4/30/2018
Tenn FSMA	90,477 Dt/d	6,664 Mdt	10/31/2014
Honeoye	10,220 Dt/d	1,226 Mdt	3/30/2014
Stagecoach FT-A	65,877 Dt/d	1,976 Mdt	3/31/2018
Stagecoach FT-A	105,000 Dt/d	4,200 Mdt	3/31/2018
National Fuel	7,871 Dt/d	589 Mdt	3/21/2023
Columbia FSS	20,000 Dt/d	1,432 Mdt	3/31/2019
National Grid - LNG	<u>20,000</u> Dt/d	<u>500</u> Mdt	10/31/2013
	443,224 Dt/d	25,939 Mdt	
Production Area Storage			
Transco ESS	52,424 Dth/d	528 Mdt	5/30/2013
Transco ESS	90,050 Dth/d	897 Mdt	5/30/2013
Transco WSS	129,884 Dth/d	12,339 Mdt	4/30/2013
Hattiesburg	24,236 Dth/d	242 Mdt	3/31/2016
Hattiesburg	<u>24,236</u> Dth/d	<u>242</u> Mdt	10/31/2015
	320,829 Dth/d	14,248 Mdt	

* - Expiration dates denote storage contracts only (FT associated with storage might expire earlier)

Peaking Shaving Facilities
Combined Con Edison and Orange & Rockland

	<u>Contract Expiration</u>	<u>Con Edison Peaking Supply (Dt/d)</u>	<u>O&R Peaking Supply (Dt/d)</u>	<u>Total (Dt/d)</u>
LNG ⁽¹⁾	N/A	166,000	N/A	166,000
Total		166,000	0	166,000

Notes:

(1) The LNG facility is within the Con Edison distribution system located in Astoria, New York.

Combined Con Edison/Orange & Rockland Peak Day
Forecasted Requirements
Peak Day MDt/d

Winter	Consolidated Edison	Orange & Rockland	Total
2013/14	1,274	217	1,491
2014/15	1,348	218	1,566
2015/16	1,419	219	1,638

Non Traditional Revenues
(Capacity Release, Asset Management Arrangements and Bundled Sales)

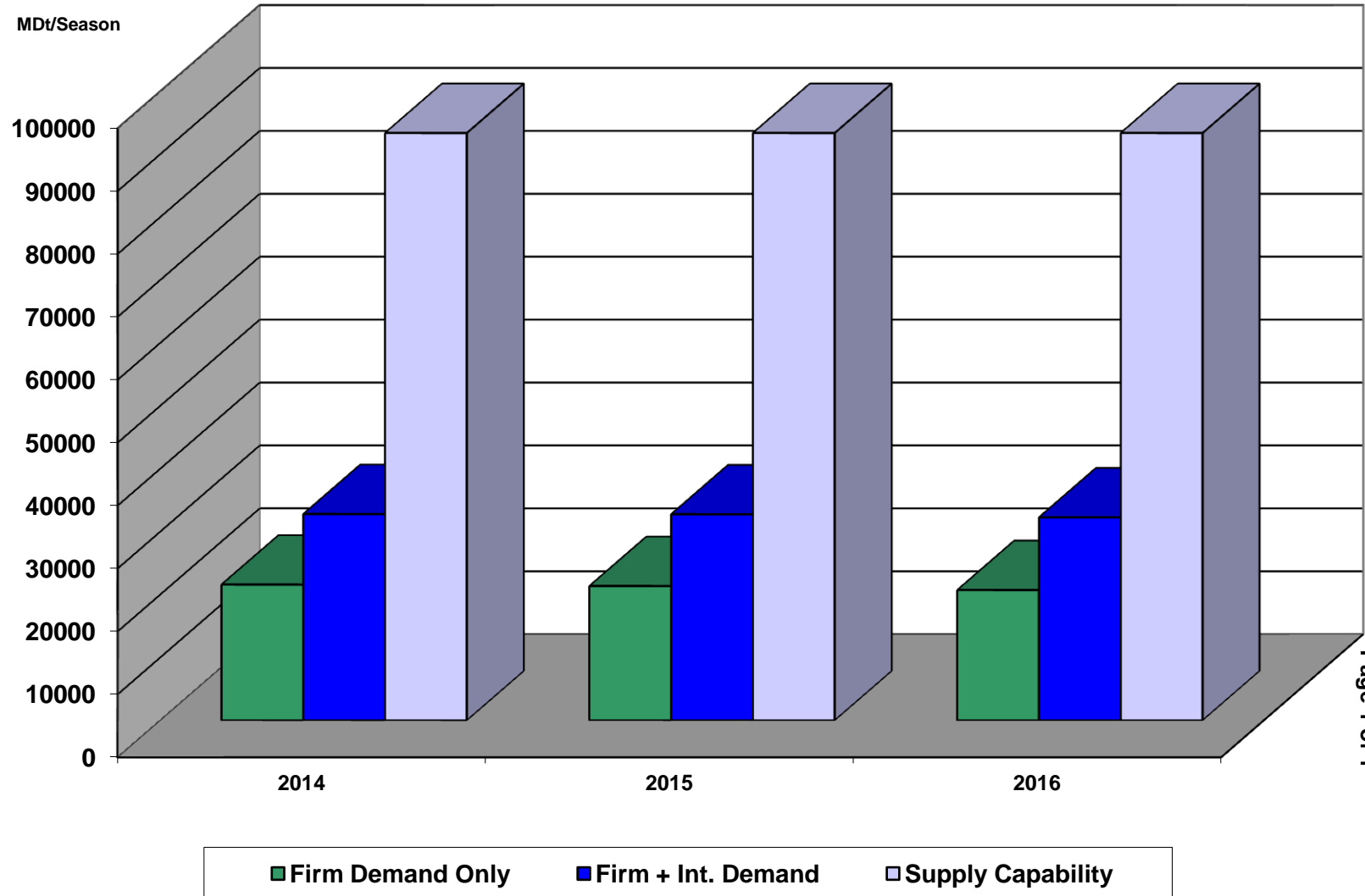
	Rate Year (October 1st thru September 30th)					Rate Year (Calendar Year)			
	Actual 2007/08	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Forecast 2012/13	Forecast 2014	Forecast 2015	Forecast 2016
TOTAL	\$8,359,675	\$6,130,086	\$5,316,383	\$15,576,885	\$31,398,448	\$13,190,345	\$10,398,175	\$10,256,518	\$9,512,278
CECONY	\$7,013,767	\$5,137,012	\$4,455,129	\$13,053,429	\$26,468,892	\$11,119,461	\$8,765,662	\$8,646,245	\$8,018,850
ORU	\$1,345,908	\$993,074	\$861,254	\$2,523,455	\$4,929,556	\$2,070,884	\$1,632,514	\$1,610,273	\$1,493,428

FERC Dockets in which Con Edison filed comments

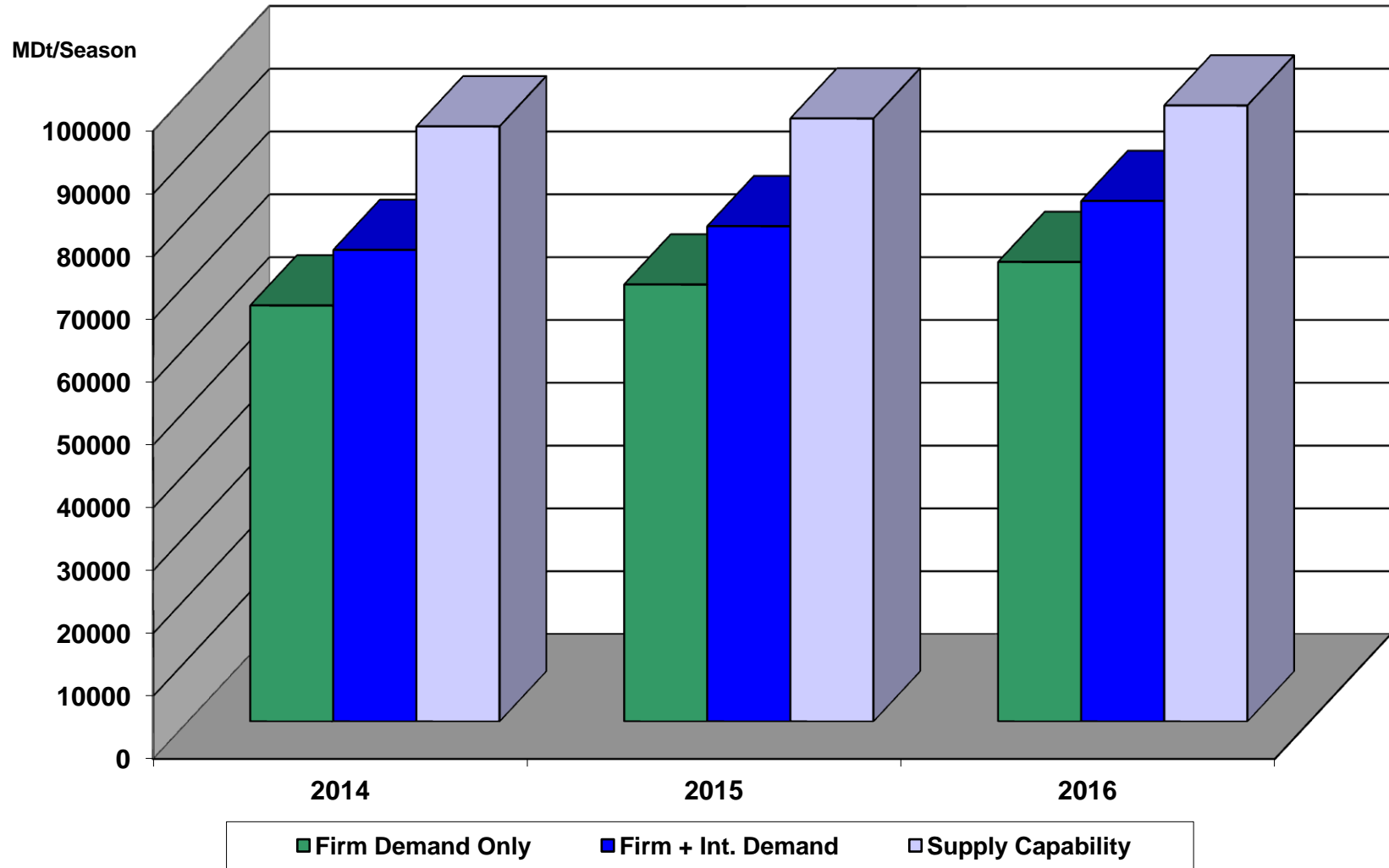
Filed Date	Docket No.	Description
1/14/2013	RP13-431-000	Motion to Intervene and Protest of Consolidated Edison Company of New York, Inc., and Philadelphia Gas Works under RP13-431.
12/10/2012	RP12-318-005	Limited Protest of Consolidated Edison Company of New York, Inc., et. al. under RP12-318.
12/4/2012	CP12-464-000	Reply Comments of Consolidated Edison Company of New York, Inc. under CP12-464.
11/5/2012	RP12-318-004	Protest of Consolidated Edison Company of New York, Inc., Orange and Rockland Utilities, Inc., Philadelphia
9/12/2012	RP12-993-000	Motion to Intervene, Protest, and Request for Maximum Suspension of Consolidated Edison Company of New
1/3/2013	RP13-299-000	Response of Consolidated Edison Company of New York, Inc. under RP13-299.
1/2/2013	RP13-298-000	Response of Consolidated Edison Company of New York, Inc. under RP13-298.
12/18/2012	RP13-189-000	Answer to Pleading/Motion of Consolidated Edison Company of New York, Inc. under RP13-189.
12/18/2012	RP12-993-000	Interlocutory Appeal of Consolidated Edison Company of New York, Inc., and Philadelphia Gas Works under RP12-993.
12/4/2012	RP12-993-000	Motion for Reconsideration, or in the Alternative, Motion to Certify Questions, or in the Alternative, Motion to Permit Interlocutory Appeal of Consolidated Edison Company of New York, Inc., et. al. under RP12-993.
11/16/2012	RP12-993-000	Motion for Leave to Answer and Answer of Consolidated Edison Company of New York, Inc., and Philadelphia Gas Works under RP12-993.
10/22/2012	RP12-993-000	Request for Partial Summary Disposition of Consolidated Edison Company of New York, Inc. and Philadelphia Gas Works under RP12-993.
10/12/2012	CP12-464-000	Supplemental Response to Data Request of Consolidated Edison Company of New York, Inc. under CP12-464.
9/12/2012	RP12-993-000	Motion to Intervene, Protest, and Request for Maximum Suspension of Consolidated Edison Company of New
8/29/2012	CP12-490-000 RP12-887-000 CP12-489-000	Motion to Intervene and Comments in Support of Consolidated Edison Company of New York, Inc. and
7/9/2012	CP12-463-000	Motion to Intervene and Conditional Protest of Consolidated Edison Company of New York, Inc., et. al. under
6/21/2012	CP12-464-000	Motion to Intervene and Protest of Consolidated Edison Company of New York, Inc. under CP12-464.
5/14/2012	CP11-56-000	Non-Decisional Comments of Consolidated Edison, Inc re Texas Eastern-Algonquin-Spectra Energy's New
3/5/2012	RP12-388-000	Motion to Intervene and Protest of Orange & Rockland Utilities, Inc. under RP12-388.
1/18/2012	RP12-295-000	Motion to Intervene and Clarification Request of Consolidated Edison Company of New York, Inc. under RP12-
11/18/2011	CP11-56-000	Supplemental Comments of Consolidated Edison Company of New York, Inc. under CP11-56.
11/14/2011	RP12-88-000	Motion to Intervene, Protest, and Request for Maximum Suspension of Consolidated Edison Company of New
10/26/2011	CP11-551-000	Motion to Intervene and Limited Protest of Consolidated Edison Company of New York, Inc., et. al. under
8/9/2011	CP10-480-000	Supplemental comments of Consolidated Edison Company of New York, Inc. under CP10-480-000.
6/30/2011	RP11-1566-003	Request for Rehearing of Consolidated Edison Company of New York, Inc. and Orange and Rockland Utilities, Inc. of the May 31, 2011 Order under RP11-1566.

Filed Date	Docket No.	Description
6/30/2011	RP11-1566-003	Request for Rehearing of May 31, 2011 Order the Undersigned Parties (National Fuel Gas Dist. Corp. National Grid Gas Delivery Companies; Consolidated Edison Co. of New York, Inc. and Orange and Rockland Utilities, Inc.) in RP11-1566-003
6/8/2011	RP11-1566-000 RP11-2066-000	Comments of the Northeast Customer Group in Docket No. RP11-1566, et al.
5/11/2011	RP11-2066-000 RP11-1566-001 RP11-1566-000	Motion To Consolidate Of The Northeast Customer Group under RP11-2066, et al.
5/11/2011	RP11-2066-000	Motion to Intervene, Protest, and Request for Information of Consolidated Edison Company of New York, Inc., et. al. under RP11-2066.
4/20/2011	RP11-1566-000	Reply Comments of Consolidated Edison Company of New York, Inc. and Orange and Rockland Utilities, Inc. under RP11-1566.
4/20/2011	RP11-1566-000	Reply Comments of The Northeast Customer Group under RP11-1566.
4/12/2011	RP11-1942-000	Motion to Intervene, Limited Protest, and Clarification Requests of Consolidated Edison Company of New York, Inc., et. al. under RP11-1942.
4/4/2011	RP11-1566-000 RP11-1566-001	Initial Post-Technical Conference Comments of The Northeast Customer Group under RP11-1566, et. al..
3/14/2011	RP11-1822-000	Motion to Intervene, Protest, Request for Partial Summary Disposition, and Request for Hearing Procedures of Orange and Rockland Utilities, Inc. under RP11-1822.
1/26/2011	RP11-1566-000 RP11-1566-001	Comments of the Northeast Customer Group regarding issues to be addressed at the technical conference on February 2 and 3, 2011 under RP11-1566, et. al..
12/13/2010	RP11-1566-000	Protest, Request For Maximum Statutory Suspension, And Request For Evidentiary Hearing of The Northeast
12/13/2010	RP11-1566-000	Motion to Intervene, Protest, and Request for Maximum Suspension of Consolidated Edison Company of New
11/9/2010	RP11-1435-000	Motion to Intervene, Protest, and Request for Maximum Suspension of Orange and Rockland Utilities, Inc.
10/13/2010	RP11-12-000	Motion to Intervene, Protest, and Request for Clarification of Orange and Rockland Utilities, Inc. under RP11-
10/5/2010	RP10-1332-000	Motion to Intervene and Clarification Request of Orange and Rockland Utilities, Inc. under RP10-1332.
9/15/2010	PR10-96-000	Protest and Motion to Intervene of Consolidated Edison Company of New York, Inc. under PR10-96.
5/27/2010	CP10-194-000	Motion to Intervene and Request for Clarification of Consolidated Edison Company of New York, Inc. under
4/30/2010	RP10-401-001	Request for Rehearing of Orange & Rockland Utilities, Inc. under RP10-401.
4/29/2010	RP01-245-029 RP01-245-030	Reply in Opposition to Motion to Reject of Consolidated Edison Company of New York, Inc. and Philadelphia
4/13/2010	RP10-577-000	Protest and Motion to Intervene of Orange & Rockland Utilities, Inc. under RP10-577.
3/10/2010	RP10-401-000	Motion to Intervene and Protest of Orange & Rockland Utilities, Inc. under RP10-401.
2/26/2010	RP10-30-000	Motion to File Limited Reply and Limited Reply of Consolidated Edison Company of New York, Inc. under
2/1/2010	RP10-325-000	Motion to intervene and request for clarification of Consolidated Edison Company of New York, Inc under
1/22/2010	RP10-30-000	Reply Post-Technical Conference Comments of Consolidated Edison Company of New York, Inc. under RP10-
1/8/2010	RP10-30-000	Initial Post-Technical Conference Comments of Consolidated Edison Company of New York, Inc. under RP10-
11/23/2009	RP10-134-000	Motion to Intervene and Protest of Orange and Rockland Utilities under RP10-134.

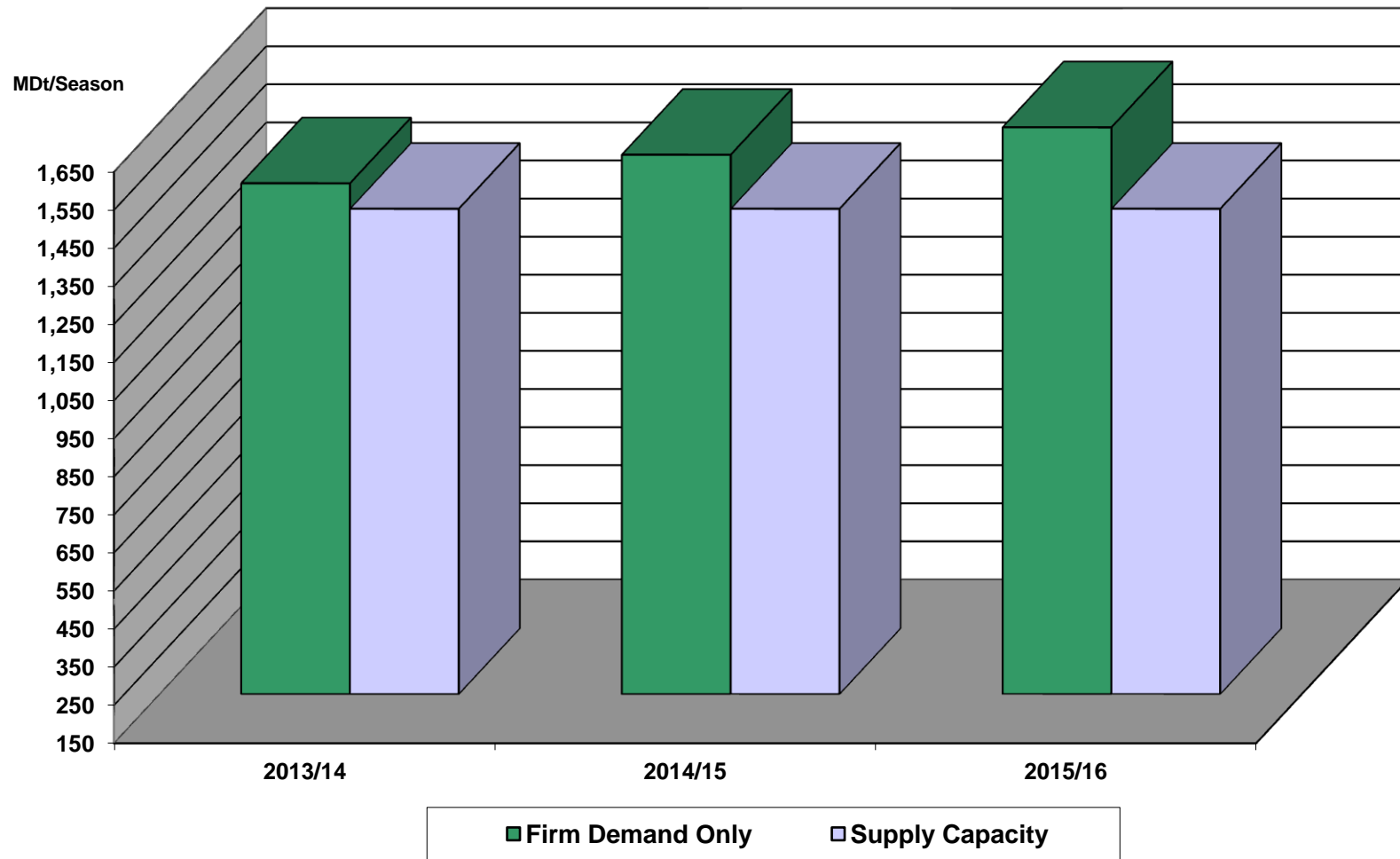
Consolidated Edison Company of New York, Inc./Orange & Rockand, Inc. Summer Season Supply/Demand Balance



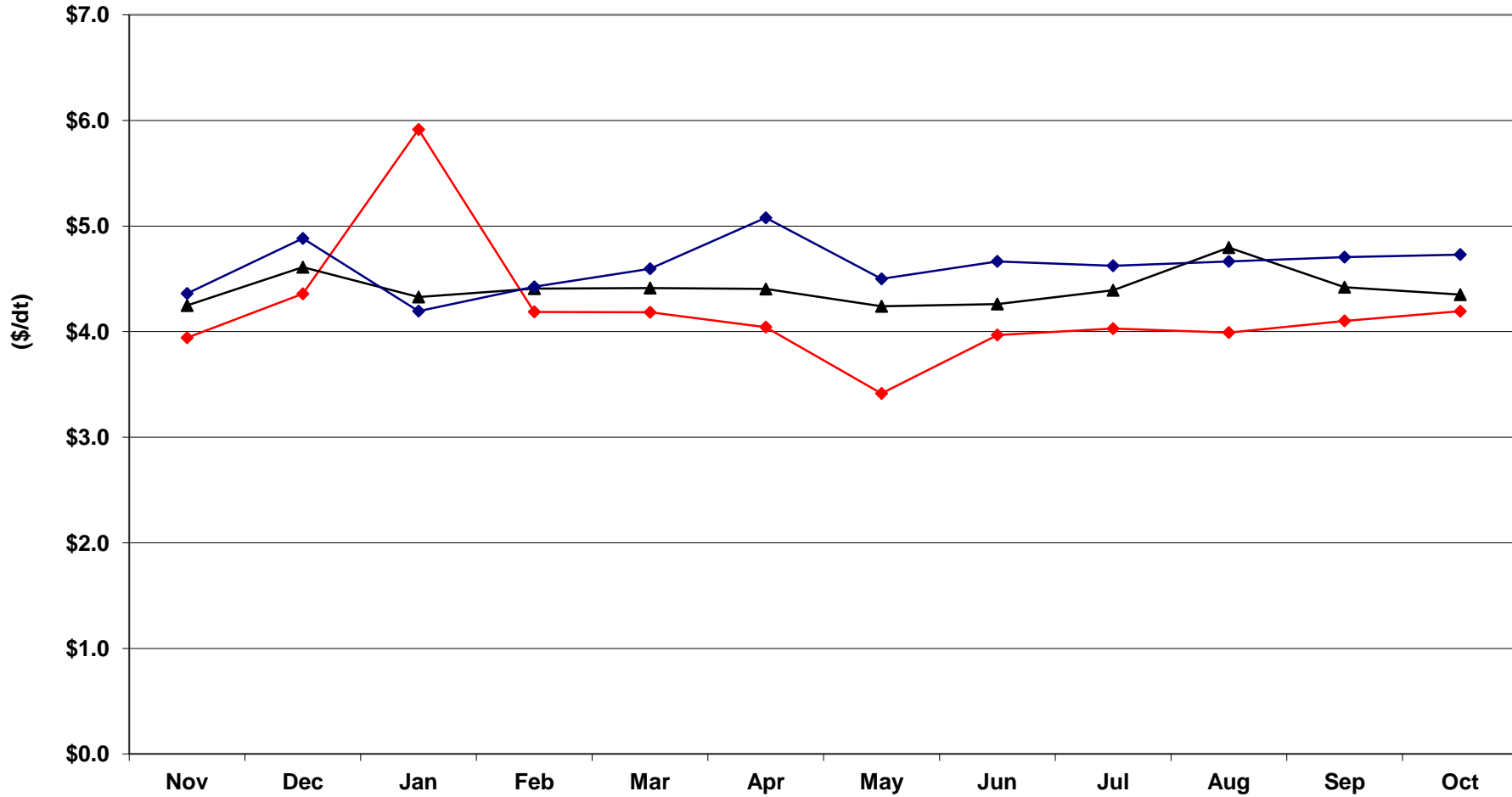
Consolidated Edison Company of New York, Inc./Orange & Rockand, Inc. Winter Season Supply/Demand Balance



Consolidated Edison Company of New York, Inc./Orange & Rockand, Inc. Design Day Supply/Demand Balance



Consolidated Edison Company of New York, Inc./Orange & Rockand, Inc. Natural Gas Monthly Marginal Commodity Costs



◆ 2013/14 ▲ 2014/15 ◆ 2015/16

**Combined Consolidated Edison Company of
New York, Inc./Orange & Rockland, Inc.**
Natural Gas Marginal Commodity Costs (\$/Dth)

Gas Year	Average Annual (1) (commodity)	Average Summer (1) (commodity)	Average Winter (1) (commodity)	Design Day (2) (commodity)
2013/14	\$4.19	\$3.96	\$4.52	\$13.03
2014/15	\$4.41	\$4.41	\$4.40	\$13.32
2015/16	\$4.62	\$4.71	\$4.49	\$13.73

Notes:

1) based on the difference in variable costs between two optimization scenarios, based on an incremental load increase of approximately 0.1%

2) Henry-Hub index, plus an incremental supply service of \$8.75/dt

Consolidated Edison Company of New York, Inc
Calculation of Lost and Unaccounted for Gas ("LAUF"), Line Loss Factor (LLF) and Dead Band Limits
Based on 5 Year Period: TME Aug 08 to TME Aug 12

	Aug-12	Aug-11	Aug-10	Aug-09	Aug-08
Citygate Receipts					
Total Pipeline Receipts	330,946,295	342,972,760	332,275,136	340,139,839	347,521,922
LNG Withdrawals	104,271	99,052	91,937	111,333	105,774
Total Net Receipts from NY Facilities	(28,877,521)	(37,112,823)	(38,626,302)	(42,953,778)	(43,581,176)
Total Receipts	302,173,045	305,958,989	293,740,771	297,297,394	304,046,520
Deliveries to Customers					
Retail Sales and Transportation Deliveries	132,273,351	149,664,074	138,827,162	141,235,745	137,989,495
Deliveries to Generation	165,278,604	150,306,718	149,447,735	150,283,656	161,193,139
Gas Used for Company Purposes & CNG	165,463	136,113	121,212	147,597	137,121
LNG Injections	13,066	162,480	318,165	259,956	411,208
Total Heater & Compressor Consumption	373,372	355,741	336,346	356,421	365,415
Total Deliveries	298,103,856	300,625,125	289,050,620	292,283,375	300,096,379
Losses					
	4,069,189	5,333,864	4,690,151	5,014,019	3,950,141
Contribution to system line loss from Generation at 0.5%	826,393	751,534	747,239	751,418	805,966
Adjusted Line Loss	3,242,796	4,582,330	3,942,913	4,262,601	3,144,176
Citygate Receipts adjusted for Generation	136,894,441	155,652,271	144,293,036	147,013,738	142,853,381
Line Loss Factor (LLF)	2.3688%	2.9440%	2.7326%	2.8995%	2.2010%

DETERMINE LLF% TARGET & DEAD BAND

Basis: Target & Dead Band are calculated from 5 years of historical data
Dead Band is equal to +/- 2 standard deviations

5-Year Statistics (Aug 08 - Aug 12)

Mean LLF%	2.629%
Std Deviation	0.329%
2 Std Deviations	0.659%

Target & Dead Band

LLF% Target	2.629%
Upper Deadband Limit (Mean + 2SD)	3.288%
Lower Deadband Limit (Mean - 2SD)	1.970%