Consolidated Edison Company of New York, Inc.
Cases 16-E-0060 and 16-G-0061

Index of Appendices

Appendix 1 -- Electric Revenue Requirement

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Electric Revenue Requirement
For The Twelve Months Ending December 31, 2017
$ 000's

Operating revenues	Rate Year 1 Forecast	Rate Change	Rate Year 1 With Rate Change
Sales revenues	$ 7,476,999	$ 242,330	$ 7,719,329
Other revenues	305,241	1,042	306,283
Total operating revenues	7,782,240	243,372	8,025,612
Operating expense			
Fuel & purchased power costs	1,655,200	-	1,655,200
Operations & maintenance expenses	2,091,923	1,866	2,093,789
Depreciation	917,400	-	917,400
Taxes other than income taxes	1,540,137	6,179	1,546,316
Gain from disposition of utility plant	-	-	-
Total operating expenses	6,204,659	8,045	6,212,705
Operating income before income taxes	1,577,581	235,327	1,812,907
New York State income taxes	56,877	15,296	72,174
Federal income tax	373,755	77,011	450,766
Utility operating income	$ 1,146,948	$ 143,020	$ 1,289,968
Rate Base	$ 18,902,151		$ 18,902,151
Rate of Return	6.07%		6.82%

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Electric Revenue Requirement
For The Twelve Months Ending December 31, 2018
$ 000's

Operating revenues	Rate Year 1 Forecast	Rate Year 2 Revenue/Expense Rate Base Changes	Rate Change	Rate Year 2 With Rate Change
Sales revenues	$ 7,719,329	$ 45,817	$ 155,315	$ 7,920,461
Other revenues	306,283	(336)	668	306,615
Total operating revenues	8,025,612	45,481	155,983	8,227,076
Operating expense				
Fuel & purchased power costs	1,655,200	(14,074)	-	1,641,126
Operations & maintenance expenses	2,093,789	26,296	1,196	2,121,281
Depreciation	917,400	48,966	-	966,365
Taxes other than income taxes	1,546,316	71,343	3,961	1,621,620
Gain from disposition of utility plant	-	-	-	-
Total operating expenses	6,212,705	132,531	5,156	6,350,392
Operating income before income taxes	1,812,907	(87,050)	150,826	1,876,684
New York State income taxes	72,174	(6,764)	9,804	75,213
Federal income tax	450,766	(26,501)	49,358	473,623
Utility operating income	$ 1,289,968	$ (53,785)	$ 91,665	$ 1,327,847
Rate Base	$ 18,902,151	$ 627,392		$ 19,529,543
Rate of Return	6.82%			6.80%

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Electric Revenue Requirement
For The Twelve Months Ending December 31, 2019
$ 000's

Operating revenues	Rate Year 2 Forecast	Rate Year 3 Revenue/Expense Rate Base Changes	Rate Change	Rate Year 3 With Rate Change
Sales revenues	7,920,461	(24,841)	155,206	8,050,826
Other revenues	306,615	(12,090)	667	295,193
Total operating revenues	8,227,076	(36,931)	155,873	8,346,019
Operating expense				
Fuel & purchased power costs	1,641,126	(56,218)		1,584,908
Operations & maintenance expenses	2,121,281	(26,463)	1,195	2,096,014
Depreciation	966,365	57,415		1,023,780
Taxes other than income taxes	1,621,620	75,140	3,958	1,700,718
Gain from disposition of utility plant	-	-	-	-
Total operating expenses	6,350,392	49,874	5,153	6,405,419
Operating income before income taxes	1,876,684	(86,805)	150,721	1,940,599
New York State income taxes	75,213	(5,955)	9,797	79,056
Federal income tax	473,623	(25,699)	49,323	497,247
Utility operating income	1,327,847	(55,151)	91,600	1,364,296
Rate Base	$ 19,529,543	747,136		$ 20,276,680
Rate of Return	6.80%			6.73%

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Average Electric Rate Base
For The Twelve Months Ending December 31, 2017 and December 31, 2018
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2
Utility plant:			
Average Book Cost of Plant	$ 28,622,355	$ 1,446,810	$ 30,069,165
Non-Interest Bearing CWIP	792,364	(37,296)	755,068
Hudson Avenue	76,400	(3,900)	72,500
Average Accumulated Depreciation	(6,697,586)	(486,224)	(7,183,810)
Net utility plant	22,793,533	919,390	23,712,923
Rate base additions:			
Working Capital	832,165	20,524	852,690
Unamortized Preferred Stock Expense	19,048	(771)	18,277
Unamortized Debt Discount/Premium/Expense	115,797	1,268	117,065
Customer Advances for Construction	(4,020)	(84)	(4,104)
CATV Pole Attachment	(1,089)	-	(1,089)
Amounts Billed in Advance of Construction	(5,966)	(125)	(6,091)
Preliminary Survey & Investigation Costs	2,630	-	2,630
Rate base additions	958,565	20,812	979,378
Rate base deductions:			
Excess Rate Base Over Capitalization	(31,197)	-	(31,197)
Pension/OPEB Reduction	(141,980)	-	(141,980)
Former Employees/Contractor Proceeding	(21,087)	786	(20,301)
Rate base deductions	(194,264)	786	(193,478)
Regulatory deferrals			
Electric Regulatory Deferrals	29,589	58,755	88,344
Unbilled Revenues	91,000	-	91,000
Deferred Fuel (Net of Tax)	59,270	-	59,270
MTA Surtax- Net of Income Taxes	9,589	-	9,589
ERRP Maintenance Reserve	12,412	-	12,412
Brownfield State Tax Credits	(1,271)	-	(1,271)
Total Regulatory Deferrals	200,588	58,755	259,344
Accumulated deferred income taxes			
Hudson Avenue	(29,436)	-	(29,436)
Excess Deferred FIT	(22,047)	3,755	(18,292)
Accumulated Deferred Federal Income Taxes	(4,369,226)	(346,175)	(4,715,401)
Accumulated Deferred State Income Taxes	($435,564)	($29,931)	(465,495)
Accumulated deferred income taxes	(4,856,272)	(372,351)	(5,228,623)
Total Rate Base	$ 18,902,151	$ 627,392	$ 19,529,543

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Average Electric Rate Base
For The Twelve Months Ending December 31, 2019
$ 000's

	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Utility plant:			
Average Book Cost of Plant	$ 30,069,165	$ 1,573,823	$ 31,642,988
Non-Interest Bearing CWIP	755,068	34,368	789,436
Hudson Avenue	72,500	(3,800)	68,700
Average Accumulated Depreciation	(7,183,810)	(578,875)	(7,762,685)
Net utility plant	23,712,923	1,025,516	24,738,439
Rate base additions:			
Working Capital	852,690	12,056	864,745
Unamortized Preferred Stock Expense	18,277	(771)	17,506
Unamortized Debt Discount/Premium/Expense	117,065	(1,977)	115,088
Customer Advances for Construction	(4,104)	(86)	(4,190)
MTA Surtax - Net of Income Taxes	(1,089)		(1,089)
Accrual for Unbilled Revenues	(6,091)	(128)	(6,219)
Preliminary Survey & Investigation Costs	2,630		2,630
Rate base additions	979,378	9,094	988,471
Rate base deductions:			
Excess Rate Base Over Capitalization	(31,197)	-	(31,197)
Pension/OPEB Reduction	(141,980)	-	(141,980)
Former Employees/Contractor Proceeding	(20,301)	786	(19,515)
Rate base deductions	(193,478)	786	(192,692)
Regulatory deferrals			
Electric Regulatory Deferrals	88,344	89,578	177,922
Unbilled Revenues	91,000	-	91,000
Deferred Fuel (Net of Tax)	59,270	-	59,270
MTA Surtax- Net of Income Taxes	9,589	-	9,589
ERRP Maintenance Reserve	12,412	-	12,412
Brownfield State Tax Credits	(1,271)	-	(1,271)
Total Regulatory Deferrals	259,344	89,578	348,922
Accumulated deferred income taxes			
Hudson Avenue	(29,436)	-	(29,436)
Excess Deferred FIT	(18,292)	3,504	(14,788)
Accumulated Deferred Federal Income Taxes	(4,715,401)	(347,540)	(5,062,941)
Accumulated Deferred State Income Taxes	(465,495)	($33,801)	(499,296)
Accumulated deferred income taxes	(5,228,623)	(377,837)	(5,606,460)
Total Rate Base	$ 19,529,543	$ 747,136	$ 20,276,680

Consolidated Edison Company of New York, Inc.
Electric Case 16-E-0060
Average Capital Structure & Cost of Money
For the Twelve Months Ending December 31, 2017, December 31, 2018 and December 31, 2019

RY 1

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	50.55%	4.93%	2.49%	2.49%
Customer deposits	1.45%	0.85%	0.01%	0.01%
Subtotal	52.00%		2.50%	2.50%
Common Equity	48.00%	9.00%	4.32%	7.11%
Total	100.00%		6.82%	9.61%

RY 2

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	50.55%	4.88%	2.47%	2.47%
Customer deposits	1.45%	0.85%	0.012%	0.01%
Subtotal	52.00%		2.48%	2.48%
Common Equity	48.00%	9.00%	4.32%	7.11%
Total	100.00%		6.80%	9.59%

RY 3

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	50.55%	4.74%	2.40%	2.40%
Customer deposits	1.45%	0.85%	0.01%	0.01%
Subtotal	52.00%		2.41%	2.41%
Common Equity	48.00%	9.00%	4.32%	7.11%
Total	100.00%		6.73%	9.52%

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
LONG TERM DEBT
Forecast - Rate Year Ended December 31, 2017

CECONY			Issue Date	Maturity Date	a Amount Outstanding	b Original Issue Amount	c Premium or Discount	d Expense of Issuance	e = b + c + d Net Proceeds	f = g / a Cost of Debt	g Effective Annual Cost
Debentures:											
	2003 Series A	5.8750%	4/7/03	04/01/33	175,000,000	175,000,000	(1,022,000)	(1,662,326)	172,315,674	5.93%	10,370,728
	2003 Series C	5.1000%	6/10/03	06/15/33	200,000,000	200,000,000	(336,000)	(1,866,135)	197,797,865	5.14%	10,273,404
	2004 Series B	5.7000%	2/9/04	02/01/34	200,000,000	200,000,000	(538,000)	(1,864,406)	197,597,594	5.74%	11,480,080
	2005 Series A	5.3000%	3/7/05	03/01/35	350,000,000	350,000,000	(1,193,500)	(3,541,534)	345,264,966	5.35%	18,707,834
	2005 Series B	5.2500%	6/20/05	07/01/35	125,000,000	125,000,000	(731,250)	(1,142,914)	123,125,836	5.30%	6,624,972
	2006 Series A	5.8500%	3/6/06	03/15/36	400,000,000	400,000,000	(60,000)	(3,616,500)	396,323,500	5.88%	23,522,550
	2006 Series B	6.2050%	6/13/06	06/15/36	400,000,000	400,000,000	(756,000)	(3,669,000)	395,575,000	6.24%	24,967,500
	2006 Series E	5.7000%	11/28/06	12/01/36	250,000,000	250,000,000	(712,500)	(2,262,500)	247,025,000	5.74%	14,349,167
	2007 Series A	6.3000%	8/23/07	08/15/37	525,000,000	525,000,000	(2,924,250)	(4,751,250)	517,324,500	6.35%	33,330,850
	2008 Series A	5.8500%	4/1/08	04/01/18	600,000,000	600,000,000	(264,000)	(4,099,750)	595,636,250	5.92%	35,536,375
	2008 Series B	6.7500%	4/1/08	04/01/38	600,000,000	600,000,000	(1,758,000)	(5,449,750)	592,792,250	6.79%	40,740,258
	2008 Series C	7.1250%	12/2/08	12/01/18	600,000,000	600,000,000	(2,148,000)	(3,962,633)	593,889,367	7.23%	43,361,063
	2009 Series B	6.6500%	3/23/09	04/01/19	475,000,000	475,000,000	(693,500)	(3,284,067)	471,022,433	6.73%	31,985,257
	2009 Series C	5.5000%	12/2/09	12/01/39	600,000,000	600,000,000	(2,268,000)	(5,673,813)	592,058,187	5.54%	33,264,727
	2010 Series A	4.4500%	6/2/10	05/01/20	350,000,000	350,000,000	(759,500)	(2,518,935)	346,721,565	4.54%	15,902,843
	2010 Series B	5.7000%	6/2/10	05/01/40	350,000,000	350,000,000	(1,701,000)	(3,306,369)	344,992,631	5.75%	20,116,912
	2012 Series A	4.2000%	3/13/12	03/15/42	400,000,000	400,000,000	(1,424,000)	(4,228,381)	394,347,619	4.25%	16,988,413
	2013 Series A	3.9500%	2/28/13	03/01/43	700,000,000	700,000,000	(4,872,000)	(6,866,027)	688,261,973	4.01%	28,041,268
	2014 Series A	4.4500%	3/6/14	03/15/44	850,000,000	850,000,000	(714,000)	(8,804,659)	840,481,341	4.49%	38,142,289
	2014 Series B	3.3000%	11/24/14	12/01/24	250,000,000	250,000,000	(867,500)	(2,042,196)	247,090,304	3.42%	8,540,970
	2014 Series C	4.6250%	11/24/14	12/01/54	750,000,000	750,000,000	(1,912,500)	(7,814,167)	740,273,333	4.66%	34,930,667
	2015 Series A	4.5000%	11/17/15	12/01/45	650,000,000	650,000,000	(650,000)	(6,662,500)	642,687,500	4.54%	29,493,750
	2016 Series A	3.8500%	6/1/16	06/01/46	550,000,000	550,000,000	(775,500)	(5,916,786)	543,307,714	3.89%	21,398,076
	2016 Series B	3.8200%	11/1/16	11/01/46	750,000,000	750,000,000	(2,460,000)	(7,687,500)	739,852,500	3.87%	28,988,250
*	**2017** Series A	4.2750%	3/1/17	03/01/47	395,833,333	475,000,000	(1,391,750)	(4,868,750)	468,739,500	4.32%	17,095,778
*	**2017** Series B	4.2750%	11/1/17	11/01/47	125,000,000	750,000,000	(2,197,500)	(7,687,500)	740,115,000	4.32%	5,398,667
					11,620,833,333	12,325,000,000	(35,130,250)	(115,250,347)	12,174,619,403	5.19%	603,552,648
Tax Exempt Debt Issue through New York State											
	1999 Series A	AUC	7/10/01	05/01/34	292,700,000	292,700,000	-	(4,577,677)	288,122,323	1.15%	3,351,839
	2010 Series A	VAR	11/9/10	06/01/36	224,600,000	224,600,000	-	(4,906,341)	219,693,659	1.73%	3,878,913
	2001 Series B	AUC	10/18/01	10/01/36	98,000,000	98,000,000	-	(1,169,324)	96,830,676	1.38%	1,349,562
	2004 Series A	VAR	1/22/04	01/01/39	98,325,000	98,325,000	-	(1,534,332)	96,790,668	1.23%	1,207,036
	2004 Series B1	AUC	1/22/04	05/01/32	127,225,000	127,225,000	-	(1,985,912)	125,239,088	1.22%	1,550,569
	2004 Series B2	AUC	1/22/04	10/01/35	19,750,000	19,750,000	-	(307,066)	19,442,934	1.03%	203,715
	2004 Series C	VAR	11/5/04	11/01/39	99,000,000	99,000,000	-	(1,834,951)	97,165,049	1.45%	1,431,510
	2005 Series A	VAR	5/19/05	05/01/39	126,300,000	126,300,000	-	(1,842,329)	124,457,671	1.52%	1,914,602
					1,085,900,000	1,085,900,000	-	(18,157,933)	1,067,742,067	1.37%	14,887,748
Subtotals					12,706,733,333	13,410,900,000	(35,130,250)	(133,408,280)	13,242,361,470	4.87%	618,440,395
Redemption of Preferred Stock											993,442
Unamortized Loss on Reacquired Debt Expense											6,965,014
Total CECONY					$ 12,706,733,333					**4.93%**	$ 626,398,851

Note:
* Debt outstanding balances and annual costs are prorated for the months outstanding during the period.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
LONG TERM DEBT
Forecast - Rate Year Ended December 31, 2018

					a	b	c	d	e = b + c + d	f = g / a	g
CECONY			Issue Date	Maturity Date	Amount Outstanding	Original Issue Amount	Premium or Discount	Expense of Issuance	Net Proceeds	Cost of Debt	Effective Annual Cost
Debentures:											
	2003 Series A	5.8750%	4/7/03	04/01/33	175,000,000	175,000,000	(1,022,000)	(1,662,326)	172,315,674	5.93%	10,370,728
	2003 Series C	5.1000%	6/10/03	06/15/33	200,000,000	200,000,000	(336,000)	(1,866,135)	197,797,865	5.14%	10,273,404
	2004 Series B	5.7000%	2/9/04	02/01/34	200,000,000	200,000,000	(538,000)	(1,864,406)	197,597,594	5.74%	11,480,080
	2005 Series A	5.3000%	3/7/05	03/01/35	350,000,000	350,000,000	(1,193,500)	(3,541,534)	345,264,966	5.35%	18,707,834
	2005 Series B	5.2500%	6/20/05	07/01/35	125,000,000	125,000,000	(731,250)	(1,142,914)	123,125,836	5.30%	6,624,972
	2006 Series A	5.8500%	3/6/06	03/15/36	400,000,000	400,000,000	(60,000)	(3,616,500)	396,323,500	5.88%	23,522,550
	2006 Series B	6.2050%	6/13/06	06/15/36	400,000,000	400,000,000	(756,000)	(3,669,000)	395,575,000	6.24%	24,967,500
	2006 Series E	5.7000%	11/28/06	12/01/36	250,000,000	250,000,000	(712,500)	(2,262,500)	247,025,000	5.74%	14,349,167
	2007 Series A	6.3000%	8/23/07	08/15/37	525,000,000	525,000,000	(2,924,250)	(4,751,250)	517,324,500	6.35%	33,330,850
*	**2008** Series A	5.8500%	4/1/08	04/01/18	150,000,000	600,000,000	(264,000)	(4,099,750)	595,636,250	5.92%	8,884,094
	2008 Series B	6.7500%	4/1/08	04/01/38	600,000,000	600,000,000	(1,758,000)	(5,449,750)	592,792,250	6.79%	40,740,258
*	**2008** Series C	7.1250%	12/2/08	12/01/18	550,000,000	600,000,000	(2,148,000)	(3,962,633)	593,889,367	7.23%	39,747,641
	2009 Series B	6.6500%	3/23/09	04/01/19	475,000,000	475,000,000	(693,500)	(3,284,067)	471,022,433	6.73%	31,985,257
	2009 Series C	5.5000%	12/2/09	12/01/39	600,000,000	600,000,000	(2,268,000)	(5,673,813)	592,058,187	5.54%	33,264,727
	2010 Series A	4.4500%	6/2/10	05/01/20	350,000,000	350,000,000	(759,500)	(2,518,935)	346,721,565	4.54%	15,902,843
	2010 Series B	5.7000%	6/2/10	05/01/40	350,000,000	350,000,000	(1,701,000)	(3,306,369)	344,992,631	5.75%	20,116,912
	2012 Series A	4.2000%	3/13/12	03/15/42	400,000,000	400,000,000	(1,424,000)	(4,228,381)	394,347,619	4.25%	16,988,413
	2013 Series A	3.9500%	2/28/13	03/01/43	700,000,000	700,000,000	(4,872,000)	(6,866,027)	688,261,973	4.01%	28,041,268
	2014 Series A	4.4500%	3/6/14	03/15/44	850,000,000	850,000,000	(714,000)	(8,804,659)	840,481,341	4.49%	38,142,289
	2014 Series B	3.3000%	11/24/14	12/01/24	250,000,000	250,000,000	(867,500)	(2,042,196)	247,090,304	3.42%	8,540,970
	2014 Series C	4.6250%	11/24/14	12/01/54	750,000,000	750,000,000	(1,912,500)	(7,814,167)	740,273,333	4.66%	34,930,667
	2015 Series A	4.5000%	11/17/15	12/01/45	650,000,000	650,000,000	(650,000)	(6,662,500)	642,687,500	4.54%	29,493,750
	2016 Series A	3.8500%	6/1/16	06/01/46	550,000,000	550,000,000	(1,804,000)	(5,637,500)	542,558,500	3.90%	21,423,050
	2016 Series B	3.8200%	11/1/16	11/01/46	750,000,000	750,000,000	(2,460,000)	(7,687,500)	739,852,500	3.87%	28,988,250
	2017 Series A	4.2750%	3/1/17	03/01/47	475,000,000	475,000,000	(1,391,750)	(4,868,750)	468,739,500	4.32%	20,514,933
	2017 Series B	4.2750%	11/1/17	11/01/47	750,000,000	750,000,000	(2,197,500)	(7,687,500)	740,115,000	4.32%	32,392,000
*	**2018** Series A	4.5600%	3/1/18	03/01/48	395,833,333	475,000,000	(669,750)	(4,868,750)	469,461,500	4.60%	18,203,847
*	**2018** Series B	4.5600%	11/1/18	11/01/48	166,666,667	1,000,000,000	(1,410,000)	(10,250,000)	988,340,000	4.60%	7,664,778
					12,387,500,000	13,800,000,000	(38,238,500)	(130,089,811)	13,631,671,689	5.08%	629,593,032
Tax Exempt Debt Issue through New York State											
	1999 Series A	AUC	7/10/01	05/01/34	292,700,000	292,700,000	-	(4,577,677)	288,122,323	1.74%	5,079,532
	2010 Series A	VAR	11/9/10	06/01/36	224,600,000	224,600,000	-	(4,906,341)	219,693,659	2.08%	4,665,013
	2001 Series B	AUC	10/18/01	10/01/36	98,000,000	98,000,000	-	(1,169,324)	96,830,676	1.85%	1,810,162
	2004 Series A	VAR	1/22/04	01/01/39	98,325,000	98,325,000	-	(1,534,332)	96,790,668	1.82%	1,792,070
	2004 Series B1	AUC	1/22/04	05/01/32	127,225,000	127,225,000	-	(1,985,912)	125,239,088	1.83%	2,333,003
	2004 Series B2	AUC	1/22/04	10/01/35	19,750,000	19,750,000	-	(307,066)	19,442,934	1.65%	325,178
	2004 Series C	VAR	11/5/04	11/01/39	99,000,000	99,000,000	-	(1,834,951)	97,165,049	1.80%	1,778,010
	2005 Series A	VAR	5/19/05	05/01/39	126,300,000	126,300,000	-	(1,842,329)	124,457,671	1.88%	2,369,282
					1,085,900,000	1,085,900,000	-	(18,157,933)	1,067,742,067	1.86%	20,152,251
Subtotals					13,473,400,000	14,885,900,000	(38,238,500)	(148,247,744)	14,699,413,756	4.82%	649,745,283
Redemption of Preferred Stock											993,442
Unamortized Loss on Reacquired Debt Expense											6,965,014
Total CECONY					$ 13,473,400,000					**4.88%**	$ 657,703,739

Note:
* Debt outstanding balances and annual costs are prorated for the months outstanding during the period.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

LONG TERM DEBT

Forecast - Rate Year Ended December 31, 2019

CECONY			Issue Date	Maturity Date	a Amount Outstanding	b Original Issue Amount	c Premium or Discount	d Expense of Issuance	e = b + c + d Net Proceeds	f = g / a Cost of Debt	g Effective Annual Cost
Debentures:											
	2003 Series A	5.8750%	4/7/03	04/01/33	175,000,000	175,000,000	(1,022,000)	(1,662,326)	172,315,674	5.93%	10,370,728
	2003 Series C	5.1000%	6/10/03	06/15/33	200,000,000	200,000,000	(336,000)	(1,866,135)	197,797,865	5.14%	10,273,404
	2004 Series B	5.7000%	2/9/04	02/01/34	200,000,000	200,000,000	(538,000)	(1,864,406)	197,597,594	5.74%	11,480,080
	2005 Series A	5.3000%	3/7/05	03/01/35	350,000,000	350,000,000	(1,193,500)	(3,541,534)	345,264,966	5.35%	18,707,834
	2005 Series B	5.2500%	6/20/05	07/01/35	125,000,000	125,000,000	(731,250)	(1,142,914)	123,125,836	5.30%	6,624,972
	2006 Series A	5.8500%	3/6/06	03/15/36	400,000,000	400,000,000	(60,000)	(3,616,500)	396,323,500	5.88%	23,522,550
	2006 Series B	6.2050%	6/13/06	06/15/36	400,000,000	400,000,000	(756,000)	(3,669,000)	395,575,000	6.24%	24,967,500
	2006 Series E	5.7000%	11/28/06	12/01/36	250,000,000	250,000,000	(712,500)	(2,262,500)	247,025,000	5.74%	14,349,167
	2007 Series A	6.3000%	8/23/07	08/15/37	525,000,000	525,000,000	(2,924,250)	(4,751,250)	517,324,500	6.35%	33,330,850
	2008 Series B	6.7500%	4/1/08	04/01/38	600,000,000	600,000,000	(1,758,000)	(5,449,750)	592,792,250	6.79%	40,740,258
*	**2009** Series B	6.6500%	3/23/09	04/01/19	118,750,000	475,000,000	(693,500)	(3,284,067)	471,022,433	6.73%	7,996,314
	2009 Series C	5.5000%	12/2/09	12/01/39	600,000,000	600,000,000	(2,268,000)	(5,673,813)	592,058,187	5.54%	33,264,727
	2010 Series A	4.4500%	6/2/10	05/01/20	350,000,000	350,000,000	(759,500)	(2,518,935)	346,721,565	4.54%	15,902,843
	2010 Series B	5.7000%	6/2/10	05/01/40	350,000,000	350,000,000	(1,701,000)	(3,306,369)	344,992,631	5.75%	20,116,912
	2012 Series A	4.2000%	3/13/12	03/15/42	400,000,000	400,000,000	(1,424,000)	(4,228,381)	394,347,619	4.25%	16,988,413
	2013 Series A	3.9500%	2/28/13	03/01/43	700,000,000	700,000,000	(4,872,000)	(6,866,027)	688,261,973	4.01%	28,041,268
	2014 Series A	4.4500%	3/6/14	03/15/44	850,000,000	850,000,000	(714,000)	(8,804,659)	840,481,341	4.49%	38,142,289
	2014 Series B	3.3000%	11/24/14	12/01/24	250,000,000	250,000,000	(867,500)	(2,042,196)	247,090,304	3.42%	8,540,970
	2014 Series C	4.6250%	11/24/14	12/01/54	750,000,000	750,000,000	(1,912,500)	(7,814,167)	740,273,333	4.66%	34,930,667
	2015 Series A	4.5000%	11/17/15	12/01/45	650,000,000	650,000,000	(650,000)	(6,662,500)	642,687,500	4.54%	29,493,750
	2016 Series A	3.8500%	6/1/16	06/01/46	550,000,000	550,000,000	(1,804,000)	(5,637,500)	542,558,500	3.90%	21,423,050
	2016 Series B	3.8200%	11/1/16	11/01/46	750,000,000	750,000,000	(2,460,000)	(7,687,500)	739,852,500	3.87%	28,988,250
	2017 Series A	4.2750%	3/1/17	03/01/47	475,000,000	475,000,000	(1,391,750)	(4,868,750)	468,739,500	4.32%	20,514,933
	2017 Series B	4.2750%	11/1/17	11/01/47	750,000,000	750,000,000	(2,197,500)	(7,687,500)	740,115,000	4.32%	32,392,000
	2018 Series A	4.5600%	3/1/18	03/01/48	475,000,000	475,000,000	(669,750)	(4,868,750)	469,461,500	4.60%	21,844,617
	2018 Series B	4.5600%	11/1/18	11/01/48	1,000,000,000	1,000,000,000	(1,410,000)	(10,250,000)	988,340,000	4.60%	45,988,667
*	**2019** Series A	4.7100%	3/1/19	03/01/49	791,666,667	950,000,000	(1,311,000)	(9,737,500)	938,951,500	4.75%	37,594,403
					13,035,416,667	13,550,000,000	(37,137,500)	(131,764,928)	13,381,097,572	4.88%	636,531,415
Tax Exempt Debt Issue through New York State											
	1999 Series A	AUC	7/10/01	05/01/34	292,700,000	292,700,000	-	(4,577,677)	288,122,323	2.33%	6,821,097
	2010 Series A	VAR	11/9/10	06/01/36	224,600,000	224,600,000	-	(4,906,341)	219,693,659	2.43%	5,451,113
	2001 Series B	AUC	10/18/01	10/01/36	98,000,000	98,000,000	-	(1,169,324)	96,830,676	2.32%	2,270,762
	2004 Series A	VAR	1/22/04	01/01/39	98,325,000	98,325,000	-	(1,534,332)	96,790,668	2.42%	2,377,103
	2004 Series B1	AUC	1/22/04	05/01/32	127,225,000	127,225,000	-	(1,985,912)	125,239,088	2.45%	3,115,437
	2004 Series B2	AUC	1/22/04	10/01/35	19,750,000	19,750,000	-	(307,066)	19,442,934	2.26%	446,640
	2004 Series C	VAR	11/5/04	11/01/39	99,000,000	99,000,000	-	(1,834,951)	97,165,049	2.15%	2,124,510
	2005 Series A	VAR	5/19/05	05/01/39	126,300,000	126,300,000	-	(1,842,329)	124,457,671	2.24%	2,823,962
					1,085,900,000	1,085,900,000	0	(18,157,933)	1,067,742,067	2.34%	25,430,626
Subtotals					14,121,316,667	14,635,900,000	(37,137,500)	(149,922,860)	14,448,839,640	4.69%	661,962,041
Redemption of Preferred Stock											993,442
Unamortized Loss on Reacquired Debt Expense											6,965,014
Total CECONY					$ 14,121,316,667					**4.74%**	$ 669,920,497

Note:

* Debt outstanding balances and annual costs are prorated for the months outstanding during the period.

Consolidated Edison Company of New York, Inc.
Electric Case 16-E-0060
Calculation of Levelized Rate Increase
For the Twelve Months Ending December 31, 2017, December 31, 2018 and December 31, 2019
$ 000's

Rate Increase	Twelve Months Ending December 31, 2017	2018	2019	Cumulative Total
RY - 1	$ 242,330	$ 242,330	$ 242,330	$ 726,990
RY - 2		155,315	155,315	310,630
RY - 3			155,206	155,206
Total	$ 242,330	$ 397,645	$ 552,851	$ 1,192,826
Levelized rate increase without interest				
RY - 1	$ 198,804	$ 198,804	$ 198,804	$ 596,413
RY - 2		198,804	198,804	397,609
RY - 3			198,804	198,804
Total	$ 198,804	$ 397,609	$ 596,413	$ 1,192,826
Variation	$ 43,526	$ 36	$ (43,562)	$ -
Interest at 2.6%	$ 344	$ 688	$ 344	$ 1,376
Levelized rate increase with interest				
RY - 1	$ 199,034	$ 199,034	$ 199,034	$ 597,101
RY - 2		199,034	199,034	398,067
RY - 3			199,034	199,034
Total	$ 199,034	$ 398,067	$ 597,101	$ 1,194,202

Consolidated Edison Company of New York, Inc.
Electric Case 16-E-0060
Revenue Summary
For the Twelve Months Ending December 31, 2017
$ 000's

Base rate change in Joint Proposal in Case 16-E-0060 (including temporary credit)	$ 242,330
Base rate change approved by the Commission in Case 13-E-0030 effective January 1, 2017 through the expiration of the temporary credit	(47,776)
Base rate change in Joint Proposal in Case 16-E-0060 (excluding temporary credit)	$ 194,554

Appendix 2 -- Gas Revenue Requirement

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Gas Revenue Requirement
For The Twelve Months Ending December 31, 2017
$ 000's

Operating revenues	Rate Year 1 Forecast	Rate Change	Rate Year 1 With Rate Change
Sales revenues	$ 1,655,490	$ 35,483	$ 1,690,973
Other revenues	74,820	124	74,944
Total operating revenues	1,730,310	35,607	1,765,917
Operating expense			
Fuel & purchased power costs	392,527	-	392,527
Operations & maintenance expenses	408,587	273	408,860
Depreciation	184,117	-	184,117
Taxes other than income taxes	299,261	1,228	300,489
Gain from disposition of utility plant	-	-	-
Total operating expenses	1,284,492	1,501	1,285,993
Operating income before income taxes	445,818	34,106	479,924
New York State income taxes	17,939	2,217	20,156
Federal income tax	118,268	11,161	129,429
Utility operating income	$ 309,611	$ 20,728	$ 330,339
Rate Base	$ 4,840,848		$ 4,840,848
Rate of Return	6.40%		6.82%

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Gas Revenue Requirement
For The Twelve Months Ending December 31, 2018
$ 000's

Operating revenues	Rate Year 1 Forecast	Rate Year 2 Revenue/Expense Rate Base Changes	Rate Change	Rate Year 2 With Rate Change
Sales revenues	$ 1,690,973	$ 38,701	$ 92,337	$ 1,822,011
Other revenues	74,944	(169)	322	75,098
Total operating revenues	1,765,917	38,532	92,659	1,897,109
Operating expense				
Fuel & purchased power costs	392,527	13,001	-	405,528
Operations & maintenance expenses	408,860	6,916	711	416,488
Depreciation	184,117	20,225	-	204,342
Taxes other than income taxes	300,489	30,810	3,195	334,493
Gain from disposition of utility plant	-	-	-	-
Total operating expenses	1,285,993	70,952	3,906	1,360,851
Operating income before income taxes	479,924	(32,420)	88,753	536,257
New York State income taxes	20,156	(2,980)	5,769	22,945
Federal income tax	129,429	(11,945)	29,045	146,528
Utility operating income	$ 330,339	$ (17,495)	$ 53,940	$ 366,784
Rate Base	$ 4,840,848	$ 553,837		$ 5,394,685
Rate of Return	6.82%			6.80%

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Gas Revenue Requirement
For The Twelve Months Ending December 31, 2019
$ 000's

Operating revenues	Rate Year 2 Forecast	Rate Year 3 Revenue/Expense Rate Base Changes	Rate Change	Rate Year 3 With Rate Change
Sales revenues	1,822,011	34,750	89,453	1,946,214
Other revenues	75,098	(524)	312	74,886
Total operating revenues	1,897,109	34,226	89,765	2,021,100
Operating expense				
Fuel & purchased power costs	405,528	12,813	-	418,341
Operations & maintenance expenses	416,488	(4,835)	689	412,342
Depreciation	204,342	21,424	-	225,766
Taxes other than income taxes	334,493	33,159	3,095	370,747
Gain from disposition of utility plant	-	-	-	-
Total operating expenses	1,360,851	62,561	3,784	1,427,196
Operating income before income taxes	536,257	(28,335)	85,981	593,904
New York State income taxes	22,945	(2,567)	5,589	25,966
Federal income tax	146,528	(10,745)	28,137	163,921
Utility operating income	366,784	(15,022)	52,255	404,017
Rate Base	$ 5,394,685	610,326		$ 6,005,011
Rate of Return	6.80%			6.73%

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Average Gas Rate Base
For The Twelve Months Ending December 31, 2017 and December 31, 2018
$ 000's

	Rate Year 1	Rate Year 2 Changes	Rate Year 2
Utility plant:			
Average Book Cost of Plant	$ 7,465,914	$ 837,023	$ 8,302,937
Non-Interest Bearing CWIP	286,330	(9,304)	277,026
Average Accumulated Depreciation	(1,580,437)	(113,898)	(1,694,335)
Net utility plant	6,171,807	713,821	6,885,628
Rate base additions:			
Working Capital	112,562	7,019	119,581
Gas Stored Underground - Non-Current	1,239	-	1,239
Unamortized Preferred Stock Expense	3,608	(146)	3,462
Unamortized Debt Discount/Premium/Expense	21,936	240	22,176
Customer Advances for Construction	(1,901)	(40)	(1,941)
MTA Surtax - Net of Income Taxes	2,764	-	2,764
Accrual for Unbilled Revenues	43,594	-	43,594
Preliminary Survey & Investigation Costs	650	-	650
Rate base additions	184,452	7,073	191,525
Rate base deductions:			
Excess Rate Base Over Capitalization	86,695	-	86,695
Pension/OPEB Reduction	(16,201)	-	(16,201)
Former Employees/Contractor Proceeding	(5,176)	193	(4,983)
Rate base deductions	65,318	193	65,511
Regulatory deferrals	(31,430)	20,496	(10,934)
Accumulated deferred income taxes			
Excess Deferred FIT	(8,583)	508	(8,075)
Accumulated Deferred Federal Income Taxes	(1,444,987)	(179,404)	(1,624,391)
Accumulated Deferred State Income Taxes	(95,729)	(8,850)	(104,579)
Accumulated deferred income taxes	(1,549,299)	(187,746)	(1,737,045)
Total Rate Base	$ 4,840,848	$ 553,837	$ 5,394,685

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Average Gas Rate Base
For The Twelve Months Ending December 31, 2019
$ 000's

	Rate Year 2	Rate Year 3 Changes	Rate Year 3
Utility plant:			
Average Book Cost of Plant	$ 8,302,937	$ 873,555	$ 9,176,492
Non-Interest Bearing CWIP	277,026	27,448	304,474
Average Accumulated Depreciation	(1,694,335)	(141,929)	(1,836,264)
Net utility plant	6,885,628	759,074	7,644,702
Rate base additions:			
Working Capital	119,581	6,004	125,585
Gas Stored Underground - Non-Current	1,239	-	1,239
Unamortized Preferred Stock Expense	3,462	(146)	3,316
Unamortized Debt Discount/Premium/Expense	22,176	(375)	21,801
Customer Advances for Construction	(1,941)	(41)	(1,982)
MTA Surtax - Net of Income Taxes	2,764	-	2,764
Accrual for Unbilled Revenues	43,594	-	43,594
Preliminary Survey & Investigation Costs	650	-	650
Rate base additions	191,525	5,442	196,967
Rate base deductions:			
Excess Rate Base Over Capitalization	86,695	-	86,695
Pension/OPEB Reduction	(16,201)	-	(16,201)
Former Employees/Contractor Proceeding	(4,983)	192	(4,791)
Rate base deductions	65,511	192	65,703
Regulatory deferrals	(10,934)	19,809	8,875
Accumulated deferred income taxes			
Excess Deferred FIT	(8,075)	496	(7,579)
Accumulated Deferred Federal Income Taxes	(1,624,391)	(164,355)	(1,788,746)
Accumulated Deferred State Income Taxes	(104,579)	(10,332)	(114,911)
Accumulated deferred income taxes	(1,737,045)	(174,191)	(1,911,236)
Total Rate Base	$ 5,394,685	$ 610,326	$ 6,005,011

Consolidated Edison Company of New York, Inc.
Gas Case 16-G-0061
Average Capital Structure & Cost of Money
For the Twelve Months Ending December 31, 2017, December 31, 2018 and December 31, 2019

RY 1

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	50.55%	4.93%	2.49%	2.49%
Customer deposits	1.45%	0.85%	0.01%	0.01%
Subtotal	52.00%		2.50%	2.50%
Common Equity	48.00%	9.00%	4.32%	7.11%
Total	100.00%		6.82%	9.61%

RY 2

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	50.55%	4.88%	2.47%	2.47%
Customer deposits	1.45%	0.85%	0.012%	0.01%
Subtotal	52.00%		2.48%	2.48%
Common Equity	48.00%	9.00%	4.32%	7.11%
Total	100.00%		6.80%	9.59%

RY 3

	Capital Structure %	Cost Rate %	Cost of Capital %	Pre Tax Cost %
Long term debt	50.55%	4.74%	2.40%	2.40%
Customer deposits	1.45%	0.85%	0.01%	0.01%
Subtotal	52.00%		2.41%	2.41%
Common Equity	48.00%	9.00%	4.32%	7.11%
Total	100.00%		6.73%	9.52%

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

LONG TERM DEBT

Forecast - Rate Year Ended December 31, 2017

CECONY		Issue Date	Maturity Date	a Amount Outstanding	b Original Issue Amount	c Premium or Discount	d Expense of Issuance	e = b + c + d Net Proceeds	f = g / a Cost of Debt	g Effective Annual Cost
Debentures:										
2003 Series A	5.8750%	4/7/03	04/01/33	175,000,000	175,000,000	(1,022,000)	(1,662,326)	172,315,674	5.93%	10,370,728
2003 Series C	5.1000%	6/10/03	06/15/33	200,000,000	200,000,000	(336,000)	(1,866,135)	197,797,865	5.14%	10,273,404
2004 Series B	5.7000%	2/9/04	02/01/34	200,000,000	200,000,000	(538,000)	(1,864,406)	197,597,594	5.74%	11,480,080
2005 Series A	5.3000%	3/7/05	03/01/35	350,000,000	350,000,000	(1,193,500)	(3,541,534)	345,264,966	5.35%	18,707,834
2005 Series B	5.2500%	6/20/05	07/01/35	125,000,000	125,000,000	(731,250)	(1,142,914)	123,125,836	5.30%	6,624,972
2006 Series A	5.8500%	3/6/06	03/15/36	400,000,000	400,000,000	(60,000)	(3,616,500)	396,323,500	5.88%	23,522,550
2006 Series B	6.2050%	6/13/06	06/15/36	400,000,000	400,000,000	(756,000)	(3,669,000)	395,575,000	6.24%	24,967,500
2006 Series E	5.7000%	11/28/06	12/01/36	250,000,000	250,000,000	(712,500)	(2,262,500)	247,025,000	5.74%	14,349,167
2007 Series A	6.3000%	8/23/07	08/15/37	525,000,000	525,000,000	(2,924,250)	(4,751,250)	517,324,500	6.35%	33,330,850
2008 Series A	5.8500%	4/1/08	04/01/18	600,000,000	600,000,000	(264,000)	(4,099,750)	595,636,250	5.92%	35,536,375
2008 Series B	6.7500%	4/1/08	04/01/38	600,000,000	600,000,000	(1,758,000)	(5,449,750)	592,792,250	6.79%	40,740,258
2008 Series C	7.1250%	12/2/08	12/01/18	600,000,000	600,000,000	(2,148,000)	(3,962,633)	593,889,367	7.23%	43,361,063
2009 Series B	6.6500%	3/23/09	04/01/19	475,000,000	475,000,000	(693,500)	(3,284,067)	471,022,433	6.73%	31,985,257
2009 Series C	5.5000%	12/2/09	12/01/39	600,000,000	600,000,000	(2,268,000)	(5,673,813)	592,058,187	5.54%	33,264,727
2010 Series A	4.4500%	6/2/10	05/01/20	350,000,000	350,000,000	(759,500)	(2,518,935)	346,721,565	4.54%	15,902,843
2010 Series B	5.7000%	6/2/10	05/01/40	350,000,000	350,000,000	(1,701,000)	(3,306,369)	344,992,631	5.75%	20,116,912
2012 Series A	4.2000%	3/13/12	03/15/42	400,000,000	400,000,000	(1,424,000)	(4,228,381)	394,347,619	4.25%	16,988,413
2013 Series A	3.9500%	2/28/13	03/01/43	700,000,000	700,000,000	(4,872,000)	(6,866,027)	688,261,973	4.01%	28,041,268
2014 Series A	4.4500%	3/6/14	03/15/44	850,000,000	850,000,000	(714,000)	(8,804,659)	840,481,341	4.49%	38,142,289
2014 Series B	3.3000%	11/24/14	12/01/24	250,000,000	250,000,000	(867,500)	(2,042,196)	247,090,304	3.42%	8,540,970
2014 Series C	4.6250%	11/24/14	12/01/54	750,000,000	750,000,000	(1,912,500)	(7,814,167)	740,273,333	4.66%	34,930,667
2015 Series A	4.5000%	11/17/15	12/01/45	650,000,000	650,000,000	(650,000)	(6,662,500)	642,687,500	4.54%	29,493,750
2016 Series A	3.8500%	6/1/16	06/01/46	550,000,000	550,000,000	(775,500)	(5,916,786)	543,307,714	3.89%	21,398,076
2016 Series B	3.8200%	11/1/16	11/01/46	750,000,000	750,000,000	(2,460,000)	(7,687,500)	739,852,500	3.87%	28,988,250
* **2017** Series A	4.2750%	3/1/17	03/01/47	395,833,333	475,000,000	(1,391,750)	(4,868,750)	468,739,500	4.32%	17,095,778
* **2017** Series B	4.2750%	11/1/17	11/01/47	125,000,000	750,000,000	(2,197,500)	(7,687,500)	740,115,000	4.32%	5,398,667
				11,620,833,333	12,325,000,000	(35,130,250)	(115,250,347)	12,174,619,403	5.19%	603,552,648
Tax Exempt Debt Issue through New York State										
1999 Series A	AUC	7/10/01	05/01/34	292,700,000	292,700,000	-	(4,577,677)	288,122,323	1.15%	3,351,839
2010 Series A	VAR	11/9/10	06/01/36	224,600,000	224,600,000	-	(4,906,341)	219,693,659	1.73%	3,878,913
2001 Series B	AUC	10/18/01	10/01/36	98,000,000	98,000,000	-	(1,169,324)	96,830,676	1.38%	1,349,562
2004 Series A	VAR	1/22/04	01/01/39	98,325,000	98,325,000	-	(1,534,332)	96,790,668	1.23%	1,207,036
2004 Series B1	AUC	1/22/04	05/01/32	127,225,000	127,225,000	-	(1,985,912)	125,239,088	1.22%	1,550,569
2004 Series B2	AUC	1/22/04	10/01/35	19,750,000	19,750,000	-	(307,066)	19,442,934	1.03%	203,715
2004 Series C	VAR	11/5/04	11/01/39	99,000,000	99,000,000	-	(1,834,951)	97,165,049	1.45%	1,431,510
2005 Series A	VAR	5/19/05	05/01/39	126,300,000	126,300,000	-	(1,842,329)	124,457,671	1.52%	1,914,602
				1,085,900,000	1,085,900,000	-	(18,157,933)	1,067,742,067	1.37%	14,887,748
Subtotals				12,706,733,333	13,410,900,000	(35,130,250)	(133,408,280)	13,242,361,470	4.87%	618,440,395
Redemption of Preferred Stock										993,442
Unamortized Loss on Reacquired Debt Expense										6,965,014
Total CECONY				$ 12,706,733,333					**4.93%**	$ 626,398,851

Note:

* Debt outstanding balances and annual costs are prorated for the months outstanding during the period.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

LONG TERM DEBT

Forecast - Rate Year Ended December 31, 2018

CECONY			Issue Date	Maturity Date	a Amount Outstanding	b Original Issue Amount	c Premium or Discount	d Expense of Issuance	e = b + c + d Net Proceeds	f = g / a Cost of Debt	g Effective Annual Cost
Debentures:											
	2003 Series A	5.8750%	4/7/03	04/01/33	175,000,000	175,000,000	(1,022,000)	(1,662,326)	172,315,674	5.93%	10,370,728
	2003 Series C	5.1000%	6/10/03	06/15/33	200,000,000	200,000,000	(336,000)	(1,866,135)	197,797,865	5.14%	10,273,404
	2004 Series B	5.7000%	2/9/04	02/01/34	200,000,000	200,000,000	(538,000)	(1,864,406)	197,597,594	5.74%	11,480,080
	2005 Series A	5.3000%	3/7/05	03/01/35	350,000,000	350,000,000	(1,193,500)	(3,541,534)	345,264,966	5.35%	18,707,834
	2005 Series B	5.2500%	6/20/05	07/01/35	125,000,000	125,000,000	(731,250)	(1,142,914)	123,125,836	5.30%	6,624,972
	2006 Series A	5.8500%	3/6/06	03/15/36	400,000,000	400,000,000	(60,000)	(3,616,500)	396,323,500	5.88%	23,522,550
	2006 Series B	6.2050%	6/13/06	06/15/36	400,000,000	400,000,000	(756,000)	(3,669,000)	395,575,000	6.24%	24,967,500
	2006 Series E	5.7000%	11/28/06	12/01/36	250,000,000	250,000,000	(712,500)	(2,262,500)	247,025,000	5.74%	14,349,167
	2007 Series A	6.3000%	8/23/07	08/15/37	525,000,000	525,000,000	(2,924,250)	(4,751,250)	517,324,500	6.35%	33,330,850
*	**2008** Series A	5.8500%	4/1/08	04/01/18	150,000,000	600,000,000	(264,000)	(4,099,750)	595,636,250	5.92%	8,884,094
	2008 Series B	6.7500%	4/1/08	04/01/38	600,000,000	600,000,000	(1,758,000)	(5,449,750)	592,792,250	6.79%	40,740,258
*	**2008** Series C	7.1250%	12/2/08	12/01/18	550,000,000	600,000,000	(2,148,000)	(3,962,633)	593,889,367	7.23%	39,747,641
	2009 Series B	6.6500%	3/23/09	04/01/19	475,000,000	475,000,000	(693,500)	(3,284,067)	471,022,433	6.73%	31,985,257
	2009 Series C	5.5000%	12/2/09	12/01/39	600,000,000	600,000,000	(2,268,000)	(5,673,813)	592,058,187	5.54%	33,264,727
	2010 Series A	4.4500%	6/2/10	05/01/20	350,000,000	350,000,000	(759,500)	(2,518,935)	346,721,565	4.54%	15,902,843
	2010 Series B	5.7000%	6/2/10	05/01/40	350,000,000	350,000,000	(1,701,000)	(3,306,369)	344,992,631	5.75%	20,116,912
	2012 Series A	4.2000%	3/13/12	03/15/42	400,000,000	400,000,000	(1,424,000)	(4,228,381)	394,347,619	4.25%	16,988,413
	2013 Series A	3.9500%	2/28/13	03/01/43	700,000,000	700,000,000	(4,872,000)	(6,866,027)	688,261,973	4.01%	28,041,268
	2014 Series A	4.4500%	3/6/14	03/15/44	850,000,000	850,000,000	(714,000)	(8,804,659)	840,481,341	4.49%	38,142,289
	2014 Series B	3.3000%	11/24/14	12/01/24	250,000,000	250,000,000	(867,500)	(2,042,196)	247,090,304	3.42%	8,540,970
	2014 Series C	4.6250%	11/24/14	12/01/54	750,000,000	750,000,000	(1,912,500)	(7,814,167)	740,273,333	4.66%	34,930,667
	2015 Series A	4.5000%	11/17/15	12/01/45	650,000,000	650,000,000	(650,000)	(6,662,500)	642,687,500	4.54%	29,493,750
	2016 Series A	3.8500%	6/1/16	06/01/46	550,000,000	550,000,000	(1,804,000)	(5,637,500)	542,558,500	3.90%	21,423,050
	2016 Series B	3.8200%	11/1/16	11/01/46	750,000,000	750,000,000	(2,460,000)	(7,687,500)	739,852,500	3.87%	28,988,250
	2017 Series A	4.2750%	3/1/17	03/01/47	475,000,000	475,000,000	(1,391,750)	(4,868,750)	468,739,500	4.32%	20,514,933
	2017 Series B	4.2750%	11/1/17	11/01/47	750,000,000	750,000,000	(2,197,500)	(7,687,500)	740,115,000	4.32%	32,392,000
*	**2018** Series A	4.5600%	3/1/18	03/01/48	395,833,333	475,000,000	(669,750)	(4,868,750)	469,461,500	4.60%	18,203,847
*	**2018** Series B	4.5600%	11/1/18	11/01/48	166,666,667	1,000,000,000	(1,410,000)	(10,250,000)	988,340,000	4.60%	7,664,778
					12,387,500,000	13,800,000,000	(38,238,500)	(130,089,811)	13,631,671,689	5.08%	629,593,032
Tax Exempt Debt Issue through New York State											
	1999 Series A	AUC	7/10/01	05/01/34	292,700,000	292,700,000	-	(4,577,677)	288,122,323	1.74%	5,079,532
	2010 Series A	VAR	11/9/10	06/01/36	224,600,000	224,600,000	-	(4,906,341)	219,693,659	2.08%	4,665,013
	2001 Series B	AUC	10/18/01	10/01/36	98,000,000	98,000,000	-	(1,169,324)	96,830,676	1.85%	1,810,162
	2004 Series A	VAR	1/22/04	01/01/39	98,325,000	98,325,000	-	(1,534,332)	96,790,668	1.82%	1,792,070
	2004 Series B1	AUC	1/22/04	05/01/32	127,225,000	127,225,000	-	(1,985,912)	125,239,088	1.83%	2,333,003
	2004 Series B2	AUC	1/22/04	10/01/35	19,750,000	19,750,000	-	(307,066)	19,442,934	1.65%	325,178
	2004 Series C	VAR	11/5/04	11/01/39	99,000,000	99,000,000	-	(1,834,951)	97,165,049	1.80%	1,778,010
	2005 Series A	VAR	5/19/05	05/01/39	126,300,000	126,300,000	-	(1,842,329)	124,457,671	1.88%	2,369,282
					1,085,900,000	1,085,900,000	-	(18,157,933)	1,067,742,067	1.86%	20,152,251
Subtotals					13,473,400,000	14,885,900,000	(38,238,500)	(148,247,744)	14,699,413,756	4.82%	649,745,283
Redemption of Preferred Stock											993,442
Unamortized Loss on Reacquired Debt Expense											6,965,014
Total CECONY					$ 13,473,400,000					**4.88%**	$ 657,703,739

Note:

* Debt outstanding balances and annual costs are prorated for the months outstanding during the period.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

LONG TERM DEBT

Forecast - Rate Year Ended December 31, 2019

CECONY			Issue Date	Maturity Date	a Amount Outstanding	b Original Issue Amount	c Premium or Discount	d Expense of Issuance	e = b + c + d Net Proceeds	f = g / a Cost of Debt	g Effective Annual Cost
Debentures:											
	2003 Series A	5.8750%	4/7/03	04/01/33	175,000,000	175,000,000	(1,022,000)	(1,662,326)	172,315,674	5.93%	10,370,728
	2003 Series C	5.1000%	6/10/03	06/15/33	200,000,000	200,000,000	(336,000)	(1,866,135)	197,797,865	5.14%	10,273,404
	2004 Series B	5.7000%	2/9/04	02/01/34	200,000,000	200,000,000	(538,000)	(1,864,406)	197,597,594	5.74%	11,480,080
	2005 Series A	5.3000%	3/7/05	03/01/35	350,000,000	350,000,000	(1,193,500)	(3,541,534)	345,264,966	5.35%	18,707,834
	2005 Series B	5.2500%	6/20/05	07/01/35	125,000,000	125,000,000	(731,250)	(1,142,914)	123,125,836	5.30%	6,624,972
	2006 Series A	5.8500%	3/6/06	03/15/36	400,000,000	400,000,000	(60,000)	(3,616,500)	396,323,500	5.88%	23,522,550
	2006 Series B	6.2050%	6/13/06	06/15/36	400,000,000	400,000,000	(756,000)	(3,669,000)	395,575,000	6.24%	24,967,500
	2006 Series E	5.7000%	11/28/06	12/01/36	250,000,000	250,000,000	(712,500)	(2,262,500)	247,025,000	5.74%	14,349,167
	2007 Series A	6.3000%	8/23/07	08/15/37	525,000,000	525,000,000	(2,924,250)	(4,751,250)	517,324,500	6.35%	33,330,850
	2008 Series B	6.7500%	4/1/08	04/01/38	600,000,000	600,000,000	(1,758,000)	(5,449,750)	592,792,250	6.79%	40,740,258
*	**2009** Series B	6.6500%	3/23/09	04/01/19	118,750,000	475,000,000	(693,500)	(3,284,067)	471,022,433	6.73%	7,996,314
	2009 Series C	5.5000%	12/2/09	12/01/39	600,000,000	600,000,000	(2,268,000)	(5,673,813)	592,058,187	5.54%	33,264,727
	2010 Series A	4.4500%	6/2/10	05/01/20	350,000,000	350,000,000	(759,500)	(2,518,935)	346,721,565	4.54%	15,902,843
	2010 Series B	5.7000%	6/2/10	05/01/40	350,000,000	350,000,000	(1,701,000)	(3,306,369)	344,992,631	5.75%	20,116,912
	2012 Series A	4.2000%	3/13/12	03/15/42	400,000,000	400,000,000	(1,424,000)	(4,228,381)	394,347,619	4.25%	16,988,413
	2013 Series A	3.9500%	2/28/13	03/01/43	700,000,000	700,000,000	(4,872,000)	(6,866,027)	688,261,973	4.01%	28,041,268
	2014 Series A	4.4500%	3/6/14	03/15/44	850,000,000	850,000,000	(714,000)	(8,804,659)	840,481,341	4.49%	38,142,289
	2014 Series B	3.3000%	11/24/14	12/01/24	250,000,000	250,000,000	(867,500)	(2,042,196)	247,090,304	3.42%	8,540,970
	2014 Series C	4.6250%	11/24/14	12/01/54	750,000,000	750,000,000	(1,912,500)	(7,814,167)	740,273,333	4.66%	34,930,667
	2015 Series A	4.5000%	11/17/15	12/01/45	650,000,000	650,000,000	(650,000)	(6,662,500)	642,687,500	4.54%	29,493,750
	2016 Series A	3.8500%	6/1/16	06/01/46	550,000,000	550,000,000	(1,804,000)	(5,637,500)	542,558,500	3.90%	21,423,050
	2016 Series B	3.8200%	11/1/16	11/01/46	750,000,000	750,000,000	(2,460,000)	(7,687,500)	739,852,500	3.87%	28,988,250
	2017 Series A	4.2750%	3/1/17	03/01/47	475,000,000	475,000,000	(1,391,750)	(4,868,750)	468,739,500	4.32%	20,514,933
	2017 Series B	4.2750%	11/1/17	11/01/47	750,000,000	750,000,000	(2,197,500)	(7,687,500)	740,115,000	4.32%	32,392,000
	2018 Series A	4.5600%	3/1/18	03/01/48	475,000,000	475,000,000	(669,750)	(4,868,750)	469,461,500	4.60%	21,844,617
	2018 Series B	4.5600%	11/1/18	11/01/48	1,000,000,000	1,000,000,000	(1,410,000)	(10,250,000)	988,340,000	4.60%	45,988,667
*	**2019** Series A	4.7100%	3/1/19	03/01/49	791,666,667	950,000,000	(1,311,000)	(9,737,500)	938,951,500	4.75%	37,594,403
					13,035,416,667	13,550,000,000	(37,137,500)	(131,764,928)	13,381,097,572	4.88%	636,531,415
Tax Exempt Debt Issue through New York State											
	1999 Series A	AUC	7/10/01	05/01/34	292,700,000	292,700,000	-	(4,577,677)	288,122,323	2.33%	6,821,097
	2010 Series A	VAR	11/9/10	06/01/36	224,600,000	224,600,000	-	(4,906,341)	219,693,659	2.43%	5,451,113
	2001 Series B	AUC	10/18/01	10/01/36	98,000,000	98,000,000	-	(1,169,324)	96,830,676	2.32%	2,270,762
	2004 Series A	VAR	1/22/04	01/01/39	98,325,000	98,325,000	-	(1,534,332)	96,790,668	2.42%	2,377,103
	2004 Series B1	AUC	1/22/04	05/01/32	127,225,000	127,225,000	-	(1,985,912)	125,239,088	2.45%	3,115,437
	2004 Series B2	AUC	1/22/04	10/01/35	19,750,000	19,750,000	-	(307,066)	19,442,934	2.26%	446,640
	2004 Series C	VAR	11/5/04	11/01/39	99,000,000	99,000,000	-	(1,834,951)	97,165,049	2.15%	2,124,510
	2005 Series A	VAR	5/19/05	05/01/39	126,300,000	126,300,000	-	(1,842,329)	124,457,671	2.24%	2,823,962
					1,085,900,000	1,085,900,000	0	(18,157,933)	1,067,742,067	2.34%	25,430,626
Subtotals					14,121,316,667	14,635,900,000	(37,137,500)	(149,922,860)	14,448,839,640	4.69%	661,962,041
Redemption of Preferred Stock											993,442
Unamortized Loss on Reacquired Debt Expense											6,965,014
Total CECONY					$ 14,121,316,667					**4.74%**	$ 669,920,497

Note:

* Debt outstanding balances and annual costs are prorated for the months outstanding during the period.

Consolidated Edison Company of New York, Inc.

Gas Case 16-G-0061
Revenue Summary
For the Twelve Months Ending December 31, 2017
$ 000's

Base rate change in Joint Proposal in Case 16-G-0061 (including temporary credit)	$	35,483
Base rate change approved by the Commission in Case 13-G-0031 effective January 1, 2017 through the expiration of the temporary credit		(40,856)
Base rate change in Joint Proposal in Case 16-G-0061 (excluding temporary credit)	$	(5,373)

Appendix 3 -- Amortization of Regulatory Deferrals (Credit/Debits)

Consolidated Edison Company of New York, Inc.
Electric Case 16-E-0060
Amortization of Regulatory Deferrals
($000's)

	RY1	RY 2	RY 3
Regulatory Assets			
Site Investigation and Remediation (SIR) Program Costs	$ 20,288	$ 26,366	$ 31,871
T&D Deferral Approved in Case 07-E-0523	19,445	4,863	-
BDQM Program - Customer Side	12,836	14,756	14,756
REV -Demonstration Projects	5,520	8,280	11,040
Interference	4,462	4,462	4,462
BDQM Program - Utility Side	3,250	3,250	3,250
System Peak Reduction	1,600	4,000	7,200
Tax Audit Adjustment	872	872	872
Customer Cash Flow Benefits Repair Allowance	644	644	644
Smart Grid Demonstration Grant Program Costs	593	593	593
Management Audit-Northstar	373	373	373
Energy Efficiency	300	2,600	9,900
Reactive Power	215	215	215
Electric Vehicle	78	175	283
Interest on SO2 Allowance Proceeds	24	24	24
Total Regulatory Assets (a)	$ 70,500	$ 71,473	$ 85,483
Regulatory Liabilities			
Property Tax Deferrals	$ 42,639	$ 42,639	$ 42,639
Pensions / OPEBS	38,516	38,516	38,516
Former Employee / Contractor Settlements	23,797	23,797	23,797
Customer Cash Flow Benefits Bonus Depr	13,124	13,124	13,124
Interest Rate True-Up	12,784	12,784	12,784
Carrying Charges Net Plant Reconciliation	7,760	7,760	7,760
Interest on Deferral	3,368	3,368	3,368
Sale of Property- Gain on Luyster Creek Property	3,056	3,056	3,056
Deferred Worker Compensation Recoveries	3,013	3,013	3,013
RRT Lease - NY Transco	2,549	2,549	2,549
Electric Service Reliability Rate Adjustment	1,714	1,714	1,714
Interest on Headroom Capacity	747	747	747
Condemnation of Sprainbrook Properties	483	483	483
Management Variable Pay	268	268	268
Carrying Cost - SIR Deferred Balances	231	231	231
Sale of Air Right 447-453 East 147th St.& 495-501 Brook Ave.	116	116	116
Sale of Property - Gain on Sale of Eylandt (Huguenot)	77	77	77
Total Regulatory Liabilities (b)	$ 154,242	$ 154,242	$ 154,242
Net (credits) / debits (a - b)	$ (83,742)	$ (82,769)	$ (68,759)

Consolidated Edison Company of New York, Inc.
Gas Case 16-G-0061
Amortization of Regulatory Deferrals
($000's)

		RY1	RY 2	RY 3
	Regulatory Assets			
1	Interference	$ 6,517	$ 6,517	$ 6,517
2	SIR	5,024	6,273	7,404
3	Carrying Charges Net Plant Reconciliation	3,809	3,809	3,809
4	Meadowlands Heaters	2,140	2,140	2,140
5	Repair Allowance Interest	367	367	367
6	Management Audit - Northstar	61	61	61
7	Interest on deferred POR	60	60	60
8	Sanford Avenue Gas Explosion	4	4	4
	Total Regulatory Assets (a)	$ 17,982	$ 19,231	$ 20,362
	Regulatory Liabilities			
1	Property Tax Deferrals	$ 18,500	$ 18,500	$ 18,500
2	Case 13-G-0031 Deferral	9,909	9,909	9,909
3	Bonus Depreciation interest	9,011	9,011	9,011
4	Former Employee / Contractor Settlements	4,542	4,542	4,542
5	Pensions / OPEBS	3,514	3,514	3,514
6	Interest Rate True-up	3,398	3,398	3,398
7	Oil to Gas Conversion	2,090	2,090	2,090
8	Penalties on Off-peak / interruptible customers	1,434	1,434	1,434
9	Pipeline integrity	1,085	1,085	1,085
10	Interest on Case 13-G-0031 Deferral	807	807	807
11	Interest on deferred balances	721	721	721
12	Deferred Workers Compensation Recoveries	689	689	689
13	Gain on Sale of Luyster Creek Property	626	626	626
14	Management Variable Pay	52	52	52
15	Unauthorized Use Charge - Divested Stations	42	42	42
16	263a Deferred Taxes	26	26	26
17	Carrying Cost - SIR Deferred Balances	24	24	24
	Total Regulatory Liabilities (b)	$ 56,470	$ 56,470	$ 56,470
	Net (credits) / debits (a - b)	$ (38,488)	$ (37,239)	$ (36,108)

Appendix 4 -- Electric Revenue Forecast

Consolidated Edison Company of New York
Case 16-E-0060
Electric Delivery Volume and Delivery Revenue
Twelve Months ending December 31, 2017, December 31, 2018, and December 31, 2019

	Delivery Volume - GWHs Twelve Months ending December 31st		
	2017	2018	2019
Con Edison Customers	45,156	45,564	45,781
New York Power Authority	9,842	9,811	9,784
Recharge New York	797	797	797
Total Delivery Volumes	55,795	56,172	56,362

	Delivery Revenue at January 1, 2015 Rates - $000s Twelve Months ending December 31st		
Non Competitive	2017	2018	2019
Con Edison Customers*	$4,181,657	$4,225,051	$4,247,067
New York Power Authority	573,849	582,015	588,471
Recharge New York	37,659	37,659	37,659
Reactive Power	$4,943	$4,943	$4,943
Total Delivery Revenues	$4,798,108	$4,849,668	$4,878,140
Competitive			
Billing & Payment Processing	$41,292	$41,586	$41,870
Metering	14,796	15,005	15,126
Merchant Function Charge	68,302	69,846	70,874
Sub Total Competitive Delivery Revenues	$124,390	$126,437	$127,870
Total Delivery Revenues	$4,922,498	$4,976,105	$5,006,010

* Net of Low Income Discounts

Consolidated Edison Company of New York, Inc.
Electric Case 16-E-0060
Other Operating Revenues
($000's)

		RY1 2017	Adjustments	RY2 2018	Adjustments	RY3 2019
1	TCC Credits	$ 75,000	$ -	$ 75,000	$ -	$ 75,000
2	POR Discount	34,548	-	34,548	-	34,548
3	Late Payment Charges	33,192	865	34,057	561	34,618
4	Miscellaneous Service Revenues	19,600	412	20,012	420	20,432
5	Rent from Electric Property	19,313	32	19,345	529	19,874
6	Interdepartmental Rents	17,941	26	17,967	1,107	19,074
7	Transmission of Energy	7,000	-	7,000	-	7,000
8	Transmission Service Revenues	5,000	-	5,000	-	5,000
9	Excess Distribution Facilities	4,042	85	4,127	87	4,214
10	Revenue Imputation- 2004- 2007 Capital Overspend	2,888	(100)	2,788	(100)	2,688
11	Maint. of Interconnection Facilities	2,373	-	2,373	-	2,373
12	Revenue Imputation- Case 09-M-0114 and 09-M-0243	704	(26)	678	(27)	651
13	KeySpan Settlement Facilities Fee	673	-	673	-	673
14	The Learning Center Services	509	11	520	11	531
15	Miscellaneous	111	-	111	-	111
16	AreaWide Contract Fees	59	-	59	-	59
17	Substation Operation Services	46	-	46	-	46
18	NYSERDA On-Bill Recovery Financing Program	17	-	17	-	17
19	ESCO Funding Fees	15	-	15	-	15
20	ESCO Internet Daily / Weekly	-	-	-	-	-
21	Energy Credit	(490)	-	(490)	-	(490)
22	Subtotal	$222,541	$ 1,305	$223,846	$ 2,588	$226,434
23	Amortization of Regulatory Deferrals	83,742	(973)	82,769	(14,010)	68,759
24	Total Other Operating Revenues	$306,283	$ 332	$306,615	$(11,422)	$295,193

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Monthly Electric Revenue Targets

Revenue Targets for Rate Year ending December 2017 (Thousand $)

	SC 1	SC 2 & 6	SC 8	SC 5 & 9	SC 12	CECONY	NYPA	TOTAL
Jan-17	158,896	31,329	10,387	134,022	2,416	337,050	41,668	378,718
Feb-17	149,169	30,537	9,701	125,202	2,366	316,975	48,377	365,352
Mar-17	142,387	29,504	9,471	123,199	2,094	306,655	42,332	348,987
Apr-17	126,302	26,934	8,326	115,824	1,694	279,080	39,021	318,101
May-17	126,002	26,300	8,993	121,441	1,199	283,935	42,314	326,249
Jun-17	159,048	30,491	14,166	177,388	1,402	382,495	59,394	441,889
Jul-17	203,979	35,008	18,781	215,684	1,841	475,293	61,629	536,922
Aug-17	218,905	35,474	19,840	216,892	1,985	493,096	61,811	554,907
Sep-17	194,662	34,457	18,649	218,328	1,763	467,859	64,611	532,470
Oct-17	151,776	29,973	14,484	175,614	1,324	373,171	54,284	427,455
Nov-17	139,467	27,943	9,989	134,206	1,234	312,839	43,789	356,628
Dec-17	150,023	29,956	9,721	129,835	1,928	321,463	42,914	364,377
Rate Year 2017	1,920,616	367,906	152,508	1,887,635	21,246	4,349,911	602,144	4,952,055

Notes:
(1) SC 1 reflects low income discounts of $54.7 million.
(2) SC 9 reflects the exclusion of BIR delivery revenues.
(3) SCs 5, 8, 9, 12, and NYPA reflect the inclusion of Reactive Power revenues.

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Monthly Electric Revenue Targets

Revenue Targets for Rate Year ending December 2018 (Thousand $)

	SC 1	SC 2 & 6	SC 8	SC 5 & 9	SC 12	CECONY	NYPA	TOTAL
Jan-18	172,790	32,982	10,906	137,675	2,468	356,821	43,731	400,552
Feb-18	162,143	32,066	10,193	128,565	2,466	335,433	50,772	386,205
Mar-18	154,826	30,976	9,890	126,455	2,183	324,330	44,412	368,742
Apr-18	140,980	29,019	9,003	124,146	1,747	304,895	42,037	346,932
May-18	140,660	28,342	9,774	130,045	1,223	310,044	44,644	354,688
Jun-18	173,020	32,179	15,028	183,952	1,479	405,658	62,452	468,110
Jul-18	221,386	37,110	19,918	223,376	1,928	503,718	64,856	568,574
Aug-18	236,311	37,323	21,115	222,971	2,076	519,796	65,096	584,892
Sep-18	211,295	36,513	19,764	225,728	1,846	495,146	68,071	563,217
Oct-18	165,001	31,587	15,270	181,064	1,375	394,297	57,334	451,631
Nov-18	150,544	29,134	10,359	136,770	1,284	328,091	46,009	374,100
Dec-18	163,500	31,562	10,146	134,368	2,015	341,591	45,111	386,702
Rate Year 2018	2,092,456	388,793	161,366	1,955,115	22,090	4,619,820	634,525	5,254,345

Notes:
(1) SC 1 revenues are at full customer charge for all customers.
(2) SC 9 reflects the exclusion of BIR delivery revenues.
(3) SCs 5, 8, 9, 12, and NYPA reflect the inclusion of Reactive Power revenues.

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Monthly Electric Revenue Targets

Revenue Targets for Rate Year ending December 2019 (Thousand $)

	SC 1	SC 2 & 6	SC 8	SC 5 & 9	SC 12	CECONY	NYPA	TOTAL
Jan-19	179,705	34,214	11,235	139,244	2,558	366,956	48,423	415,379
Feb-19	172,997	34,188	10,743	134,926	2,485	355,339	50,372	405,711
Mar-19	162,009	32,524	10,293	129,261	2,269	336,356	46,534	382,890
Apr-19	147,975	30,411	9,413	127,641	1,675	317,115	44,131	361,246
May-19	147,915	29,812	10,251	134,232	1,202	323,412	51,113	374,525
Jun-19	182,765	33,945	15,817	190,885	1,481	424,893	59,916	484,809
Jul-19	233,592	38,954	20,987	228,758	2,014	524,305	67,966	592,271
Aug-19	250,264	39,358	22,121	229,232	2,082	543,057	72,593	615,650
Sep-19	224,373	38,531	20,953	233,170	2,060	519,087	67,758	586,845
Oct-19	170,728	32,718	15,757	182,076	1,456	402,735	60,016	462,751
Nov-19	156,894	30,353	10,783	139,558	1,356	338,944	45,733	384,677
Dec-19	173,914	33,536	10,750	140,804	2,011	361,015	50,158	411,173
Rate Year 2019	2,203,131	408,544	169,103	2,009,787	22,649	4,813,214	664,713	5,477,927

Notes:
(1) SC 1 revenues are at full customer charge for all customers.
(2) SC 9 reflects the exclusion of BIR delivery revenues.
(3) SCs 5, 8, 9, 12, and NYPA reflect the inclusion of Reactive Power revenues.

Appendix 5 -- Gas Sales Forecast

Consolidated Edison Company of New York, Inc.
Gas Case 13-G-0031
Sales Revenues
$ 000's

Base Revenues (excl GRT)	Twelve Months Ending December 31, 2017	RY2 Sales Gain/(Loss)	Twelve Months Ending December 31, 2018	RY 3 Sales Gain/(Loss)	Twelve Months Ending December 31, 2019
Service Classification 1	170,919	(117)	170,802	(878)	169,923
Service Classification 2 Rate I	116,038	1,502	117,540	77	117,618
Service Classification 2 Rate II	170,746	690	171,436	852	172,288
Service Classification 2 - DG	6,312	207	6,519	144	6,663
Service Classification 2 - Contract	2,468	-	2,468	-	2,468
Service Classification 3	631,694	21,573	653,267	19,545	672,812
Service Classification 13	453	6	459	8	467
Service Classification 14	381	-	381	-	381
Service Classification 12 R2	13,556	377	13,933	980	14,913
NYPA Demand	2,196	-	2,196	-	2,196
Non-Firm Revenue Retained	65,056	-	65,056	-	65,056
Subtotal	1,179,819	24,239	1,204,058	20,728	1,224,786
Low Income Discount Adj.	(3,500)		(3,500)		(3,500)
Other Surcharges					
BPP	7,903	55	7,958	23	7,981
MFC - Supply	2,948	-	2,948	-	2,948
MFC - Credit & Collections	4,190	-	4,190	-	4,190
MRA - Uncollectable	13	(2)	11	0	11
SBC	14,533	-	14,533	-	14,533
Load Following Charge	-	-	-	-	-
Fuel Revenue	392,527	13,001	405,528	12,814	418,341
GRT on Delivery Revenue	48,925	1,024	49,949	905	50,854
GRT on Competitive Revenues & Other Charges	-	-	-	-	-
Fuel tax	8,249	258	8,507	265	8,772
MRA Credit Tax	-	-	-	-	-
GRT on Low Income Discounts	-	-	-	-	-
Company Use	(672)		(672)		(672)
UBs on MSC Revenue	2,913		2,968		3,016
POR Credit and Collection Charges	(2,361)		(2,361)		(2,361)
Subtotal	479,168	14,336	493,559	14,007	507,614
Grand Total	$ 1,655,487	$ 38,630	$ 1,694,117	$ 34,782	$ 1,728,899

Volumes (Therms)	2017	RY2 Sales Gain/(Loss)	2018	RY 3 Sales Gain/(Loss)	2019
Service Classification 1	43,620,000	100,000	43,720,000	(50,000)	43,670,000
Service Classification 2 Rate I	213,850,000	3,290,000	217,140,000	(1,060,000)	216,080,000
Service Classification 2 Rate II	319,360,000	(720,000)	318,640,000	310,000	318,950,000
Service Classification 2 - DG	30,990,000	-	31,930,000	-	32,550,000
Service Classification 2 - Contract	31,310,000	-	31,310,000	-	31,310,000
Service Classification 3	954,380,000	35,280,000	989,660,000	25,660,000	1,015,320,000
Service Classification 13	840,000	10,000	850,000	10,000	860,000
Service Classification 14	220,000	-	220,000	-	220,000
Service Classification 12 R2	172,210,000		172,210,000	-	172,210,000
	1,766,780,000	**37,960,000**	**1,805,680,000**	**24,870,000**	**1,831,170,000**

Consolidated Edison Company of New York, Inc.
Gas Case 16-G-0061
Other Operating Revenues
($000's)

		RY1 2017	Adjustments	RY2 2018	Adjustments	RY3 2019
1	Interdepartmental Rents	$ 11,555	$ 733	$ 12,288	$ 289	$ 12,577
2	Rents - New York Facilities	5,963	125	6,088	128	6,216
3	Late Payment Charges	5,913	458	6,371	433	6,804
4	POR Discount (Revenue from ESCO)	5,663	-	5,663	-	5,663
5	Misc. Service Revenue	2,660	56	2,716	57	2,773
6	R&D GAC Surcharge	2,000	-	2,000	-	2,000
7	Steam Department - ERRP Incremental Charges	1,215	-	1,215	-	1,215
8	Rents - Real Estate Rents	620	25	645	3	648
9	NYPA Variable and Maintenance	556	12	568	12	580
10	Gas Reconnect Fess	104	2	106	2	108
11	Learning Center Revenues	76	2	78	2	80
12	Revenue Imputation- Case 09-M-0114 and 09-M-0243	173	(7)	166	(6)	160
13	Miscellaneous	2	-	2	-	2
14	Reimbursement To KeySpan-Governor's Island	(44)	(1)	(45)	(1)	(46)
15	Subtotal	$ 36,456	$ 1,405	$ 37,861	$ 919	$ 38,780
16	Amortization of Regulatory Deferrals	38,488	(1,249)	37,239	(1,131)	36,108
17	Total Other Operating Revenues	$ 74,944	$ 156	$ 75,100	$ (212)	$ 74,888

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Revenue Decoupling Mechanism

The revenue decoupling mechanism ("RDM") will continue to be based on a revenue per customer ("RPC") methodology for customer groups that are included in the RDM.

RPC Methodology:

Under the RPC methodology, Actual Delivery Revenue is compared, on a Rate Year basis, with Allowed Delivery Revenue, which is equal to the product of the average number of customers in the Rate Year and the Rate Year RPC Target for each customer group subject to the RDM. For RDM purposes one customer equals 360 days of service and is measured by the number of annual bills in a Rate Year where one bill equals 30 days of service ("Bill").[1]

Applicability:

The RDM will apply to the following customer groups, including all customers taking service under SC No. 9 that would otherwise take service under such group:

- SC No. 2 –Rate 1;
- SC No. 2 –Rate 2;
- SC No. 3 customers with 1-4 dwelling units; and
- SC No. 3 customers with more than 4 dwelling units.

The groups include: (1) customers taking service under Rider G (Economic Development Zone); (2) all gas volumes associated with customers receiving air conditioning service under SC Nos. 2 and 3; and (3) SC No. 3 customers participating in the Low Income Program described in Section N of the Proposal. The groups exclude: (1) customers who take service under Rider H (Distributed Generation Rate), Rider I (Gas Manufacturing Incentive Rate) and Rider J (Residential Distributed Generation Rate) and (2) customers receiving service under a firm by-pass rate and Excelsior Job customers.

Actual Delivery Revenue:

For the purposes of the RDM, Actual Delivery Revenue, determined for each customer group,

---

[1] For RDM purposes, the annual number of bills in a Rate Year recognizes equivalent 30-day bills and that customers on average receive bills covering more than 30 days of service in a month and more than 360 days of service in each Rate Year. The definition of customer for RDM purposes does not reflect the actual number of customers subject to the RDM.

will be calculated as the sum of revenue derived from the base tariff rates applicable to SC Nos. 2 and 3, and from the associated SC No. 9 firm transportation tariff rates, and Weather Normalization Adjustment ("WNA") credits or surcharges. Actual Delivery Revenue will not include revenue derived from the RDM Adjustment described below.

SC No. 3 Actual Delivery Revenue will be adjusted for Rate Year 1 to add back the computed cost of the rate discounts provided to Low Income customers based on the number of bills and actual therms delivered to Low Income customers in the two SC No. 3 customer groups. This adjustment will be the same as reported in the annual Low Income program reconciliation for these low income groups. For rate years 2 and 3 low income customers will be billed at full rates but will receive bill credit for the discount. Therefore, no adjustment is necessary for rate years 2 and 3.

Actual Delivery Revenue in the first month of Rate Years 1, 2 and 3 and will be adjusted for the effect of proration of old and new rates on actual revenues. The Adjusted Actual Delivery Revenue for these months for each customer group will be calculated as follows:

1. Any WNA credits or surcharges will be subtracted from Actual Delivery Revenue.
2. Actual delivery revenues will then be reduced by the product of the number of bills times the minimum charge rate.
3. The resulting Actual Delivery Revenue will be adjusted by multiplying it by the ratio of one plus the percentage change in the volumetric rates divided by one plus half of the percentage change in the volumetric rate (Factor 1).
4. The resulting adjusted Actual Delivery Revenue will be increased by the amount reflected in step 2.
5. The WNA credits subtracted in step 1 above will be adjusted and added back, resulting in Adjusted Actual Delivery Revenue. Actual WNA revenues will be adjusted by one half of the percentage change between the old and new penultimate rates. Any impact in the first month of Rate Year 1 due to the change in the definition of normal weather from a 10 year average condition to a 30 year average condition will be captured in the reconciliation provisions of the Revenue Decoupling Mechanism.

Factor 1

	RY1	**RY2**	**RY3**
SC No. 2 – Rate 1	0.9873	1.0255	1.0144
SC No. 2 – Rate 2	1.0130	1.0435	1.0392
SC3 customers with 1-4 dwelling units	1.0158	1.0447	1.0398
SC3 customers with more than 4 dwelling units	1.0158	1.0672	1.0592

RPC Targets:

The RPC Target for each customer group will be set for each Rate Year at 12 times the average

Delivery Revenue per Bill, as shown in Table 2. The average Delivery Revenue per Bill is calculated by dividing the total Rate Year Delivery Revenues (revenue derived from the base rates applicable to SC Nos. 2 and 3, and from the corresponding SC No. 9 firm transportation rates) by the number of Bills in the Rate Year.

The Bills for the RPC Targets will be based on the forecasted Rate Year number of Bills used to set rates, as shown below:

	RY1	**RY2**	**RY3**
SC No. 2 – Rate 1	733,352	740,382	745,248
SC No. 2 – Rate 2	832,885	843,239	851,660
SC3 customers with 1-4 dwelling units	3,522,835	3,601,534	3,663,532
SC3 customers with more than 4 dwelling units	266,074	276,977	285,737

The Delivery Revenues, by customer class, that will be used to calculate the RPC Targets are shown below. For SC No. 3, the Delivery Revenues shown below are computed assuming all Low Income customers are billed at full rates.

	RY1	**RY2**	**RY3**
SC No. 2 – Rate 1	$113,713,709	$118,760,876	$121,774,111
SC No. 2 – Rate 2	$174,577,428	$188,469,677	$202,016,817
SC3 customers with 1-4 dwelling units	$314,851,026	$339,182,570	$362,452,861
SC3 customers with more than 4 dwelling units	$340,919,851	$389,479,137	$437,988,248

The RPC Targets for all rate years for each customer group are shown below.

	RY1	**RY2**	**RY3**
SC No. 2 – Rate 1	$1,860.72	$1,924.86	$1,960.81
SC No. 2 – Rate 2	$2,515.27	$2,682.08	$2,846.44
SC3 customers with 1-4 dwelling units	$1,072.49	$1,130.13	$1,187.22
SC3 customers with more than 4 dwelling units	$15,375.57	$16,874.14	$18,394.04

RDM Adjustment:

For each customer group subject to the RDM, the Company will, at the end of each Rate Year, compare Actual Delivery Revenue to the Allowed Delivery Revenue. To the extent that the Actual Delivery Revenue varies from the Allowed Delivery Revenue, the excess or shortfall will be refunded to or collected from customers through customer group-specific RDM Adjustments over a twelve-month period commencing in the second month following the end of each Rate Year.

The customer group-specific RDM Adjustments will be determined on a cents per therm basis by dividing the total revenue excess/shortfall for each customer group by the forecasted therm deliveries of the associated customer group for the period in which the RDM Adjustment is to be in effect.

Beginning with the first month following the end of each Rate Year, interest at the Other Customer Provided Capital Rate will be calculated for each month on the average of the current and prior month's cumulative revenue over- or under-collection (net of state and federal taxes) and will be included along with the over- or under-collection charged or credited to customers.

Interim RDM Adjustment:

The Company may implement an Interim RDM Adjustment whenever the Company determines that such a surcharge or credit adjustment is necessary to avoid a large over- or under-collection, based on the Company's projection for the Rate Year of forthcoming RDM reconciliation balances. At least two weeks prior to the Company's implementing an Interim RDM Adjustment, the Company will provide Staff work papers underlying such surcharge or credit adjustment in order to afford Staff an opportunity to raise with the Company any concerns that Staff has with the size and/or timing of the surcharge or credit adjustment.[2] Any Interim RDM Adjustment will be determined based on a 12- month recovery period. Revenues associated with Interim RDM Adjustments will be included in the annual RDM reconciliation.

Partial Year RDM:

If the Company does not file for new base delivery rates to take effect within fifteen days after the expiration of RY3, the RDM will be implemented as follows. Prior to the start of RY3, the Company will provide, along with the RY3 annual RPC targets, the monthly RPC targets associated with the RY3 annual RPC targets. To the extent the stay-out period beyond RY3 is less than 12 months, these monthly RPC targets will be used to implement the RDM in the stay-out period. The provisions of the calculation of the annual true-up on a full-year basis would also apply to any partial year, that is, the monthly RPC targets for the months of the partial year period would be summed, and then multiplied by the average monthly number of Bills for the partial year period to derive the partial year period Allowed Delivery Revenue. This Allowed Delivery Revenue would be compared to the Actual Delivery Revenue for the partial year period to determine any excess or shortfall. During the term of the Gas Rate Plan, the Company will provide data on actual bills and revenues unless and until changed by Commission order.

[2] The Company will provide to interested parties, upon request, a copy of any such work papers after the filing is made.

Appendix 6 -- Safety and Reliability Surcharge Mechanism

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Safety and Reliability Surcharge Mechanism (SRSM)

The Safety and Reliability Surcharge Mechanism ("SRSM") allows Consolidated Edison Company of New York, Inc. ("Con Edison" or the "Company") to: 1.) recover the carrying costs on incremental capital expenditures and O&M expenses associated with the replacement of Leak Prone Pipe ("LPP") above the levels established under the Gas Rate Plan; and 2.) recover incremental O&M expenses associated with lowering the Company's leak backlog.

A. LPP Replacement

The SRSM allows Con Edison to recover the carrying costs on incremental capital expenditures and O&M expenses associated with the replacement of LPP above the levels established under the Gas Rate Plan, subject to the conditions set forth below:

1.) Both the actual costs of LPP replacement incurred by the Company in total across all regions and the actual LPP footage replaced by the Company under the Main Replacement Program[1] as of the end of the applicable Rate Year must exceed the targets[2] shown below in Table 1:

Table 1	2017 (RY1)	2018 (RY2)	2019 (RY3)
Miles of Main Replaced	70	75	80
Capital Spending (000's)	$282,351	$316,895	$351,513

2.) Incremental actual costs are recoverable up to the capital and O&M caps set forth below in Table 2:

Table 2 Capital Cost Cap Per Mile by Area	2017 (RY1)	2018 (RY2)	2019 (RY3)
Manhattan	$8,745,810	$8,913,233	$9,173,731
Queens	$3,463,176	$3,534,215	$3,591,500
Bronx	$4,633,492	$4,723,097	$4,875,024
Westchester	$2,931,589	$2,956,568	$3,110,255
O&M Cost Cap Per Mile by Area	**2017**	**2018**	**2019**

[1] This covers the following programs listed under Exhibit GIOP-1: Replace Corroded Steel Mains, Replace Cast Iron Mains and Services Associated with Main Work.

[2] The Company must also meet the overall targets in each rate year (*i.e.*, 80 in RY1, 85 in RY2 and 90 in RY3) to be eligible for recovery under this mechanism.

	(RY1)	(RY2)	(RY3)
Manhattan	$657,746	$657,746	$657,746
Queens	$79,314	$79,314	$79,314
Bronx	$166,534	$166,534	$166,534
Westchester	$47,791	$47,791	$47,791

3.) Recovery of the incremental costs is to begin no earlier than March 1st of each year following the end of the applicable Rate Year (*e.g.*, recovery of incremental O&M costs incurred in RY1 will begin on March 1, 2018 and be recovered over a 12 month period through February 2019 while the carrying charges associated with the incremental capital costs will be recovered until base rates are reset in the next rate case). Carrying charges on incremental capital associated with the new mains will be calculated based on a book life of 85 years, a tax life of 20 years, and an estimated property tax factor of 5%.

Page 3 of this Appendix provides several examples that demonstrate how the LPP portion of the SRSM will work under various potential scenarios. Page 4 of this appendix provides an example of the capital carrying costs calculation.

B. Leak Backlog

The SRSM will also allow the Company to recover incremental O&M expenses associated with lowering the Company's leak backlog, subject to the conditions set forth below:

1.) The actual leak backlog level the Company achieves is below the applicable Rate Year target (as described in the Gas Performance Measures Appendix 16) and the Company exceeds the annual rate allowance for leak repairs as set forth in Table 3:

Table 3	2017 (RY1)	2018 (RY2)	2019 (RY3)
O&M Spending (000's)	$52,580	$52,184	$52,035

2.) Recovery will be capped at the lesser of the total incremental cost or $5,100 per actual leak repaired below the applicable target.
3.) Recovery of the incremental costs is to begin no earlier than March 1st, of each year following the end of the applicable Rate Year (*e.g.*, recovery of incremental O&M costs incurred in RY1 will begin on March 1, 2018 and be recovered over a 12 month period through February 2019).

Consolidated Edison Company of New York, Inc.
Gas Case 16-G-0061
Safety and Reliability Surcharge Mechanism Incremental Cost Example
($000's)

LLP Example for 2017 (RY1)

Targets	**Manhattan**	**Queens**	**Bronx**	**Westchester**	**Total**
Target Mileage	8	12	14	36	70
Target Capital	$ 70,632,354	$ 40,434,548	$ 66,885,510	$ 104,497,822	$ 282,450,234
$Capital/Mile Cap	$ 8,745,810	$ 3,463,176	$ 4,633,492	$ 2,931,589	
Target O&M	$ 5,312,046	$ 926,036	$ 2,403,956	$ 1,703,532	$ 10,345,570
$O&M/M Cap	$ 657,746	$ 79,314	$ 166,534	$ 47,791	
LPP MAC Factor	8%	2%	4%	2%	

Scenario 1	**Manhattan**	**Queens**	**Bronx**	**Westchester**	**Total**
Actual Mileage	7	11	12	39	69
Actual Capital	$ 72,000,000	$ 35,000,000	$ 68,000,000	$ 110,000,000	$ 285,000,000
Actual Capital/Mile	$ 10,285,714	$ 3,181,818	$ 5,666,667	$ 2,820,513	
Recoverable Capital	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Scenario 1 Result: No additional recovery, total target miles not exceeded.

Scenario 2	**Manhattan**	**Queens**	**Bronx**	**Westchester**	**Total**
Actual Mileage	8	14	15	36	73
Actual Capital	$ 72,000,000	$ 40,000,000	$ 64,000,000	$ 104,000,000	$ 280,000,000
Actual Capital/Mile	$ 9,000,000	$ 2,857,143	$ 4,266,667	$ 2,888,889	
Recoverable Capital	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

Scenario 2 Result: No additional recovery, total target capital costs not exceeded.

Scenario 3	**Manhattan**	**Queens**	**Bronx**	**Westchester**	**Total**
Actual Mileage	8	10	15	41	74
Actual Capital	$ 68,000,000	$ 35,000,000	$ 70,000,000	$ 110,000,000	$ 283,000,000
Actual Capital/Mile	$ 8,500,000	$ 3,500,000	$ 4,535,081	$ 2,706,330	
Incremental Miles			1	5	4
Incremental Cost Spent over Target Capital (A)			**3,114,490**	**5,502,178**	**549,766**
Incremental Cost/Mile			3,114,490	1,100,436	
Lessor of Actual or Cap Cost/Mile			3,114,490	1,100,436	
Incremental Cost at Cost/Mile Cap (B)			**3,114,490**	**5,502,178**	**8,616,667**
Recoverable O&M (capital x O&M factor)			111,939	89,697	201,636
Recoverable Capital *(the lesser of A or B total)*					**$ 549,766**

Scenario 3 Result: Company recovers carrying costs on $550K of incremental capital plus $202K of incremental O&M.

Scenario 4	**Manhattan**	**Queens**	**Bronx**	**Westchester**	**Total**
Actual Mileage	8	13	16	38	75
Actual Capital	$ 68,000,000	$ 45,000,000	$ 76,000,000	$ 110,000,000	$ 299,000,000
Actual Capital/Mile	$ 8,500,000	$ 3,550,137	$ 4,624,214	$ 2,922,000	
Incremental Miles	0	1	2	2	5
Incremental Cost Spent over Target Capital (A)		4,565,452	9,114,490	5,502,178	16,549,766
Incremental Cost/Mile		4,565,452	4,557,245	2,751,089	
Lessor of Actual or Cap Cost/Mile		3,463,176	4,557,245	2,751,089	
Incremental Cost at Cost/Mile Cap (B)		**3,463,176**	**9,114,490**	**5,502,178**	**14,616,667**
Recoverable O&M (capital x O&M factor)		79,314	327,587	89,697	496,598
Recoverable Capital *(the lesser of A or B)*		**$ 3,463,176**	**$ 9,114,490**	**$ 5,502,178**	**$ 14,616,667**

Scenario 4 Result: Company recovers carrying costs on $14.616M of incremental capital plus $497K of incremental O&M.

Consolidated Edison Company of New York, Inc.
Gas Case 16-G-0061
Example of Revenue Requirement Calculation for Safety and Reliability Surcharge Mechanism

	2017	2018	2019
Assumed incremental capital amount spent in RY1, meets all requirements for recovery.		$ 14,616,667	
	2017	**2018**	**2019**
Average Net Plant in Service	7,239,270	14,340,412	14,064,157
Average Deferred FIT and SIT Balance*	(38,974)	(155,894)	(417,340)
Average Net Rate Base	7,200,296	14,184,518	13,646,818
Pre Tax Rate of Return	9.61%	9.59%	9.52%
Earnings Base	695,694	1,375,246	1,338,908
Earnings - Expenses			
Income Tax - Removal Cost	29,885	59,770	59,770
Book Depreciation**	138,128	276,255	276,255
Property Taxes***	361,963	723,927	723,927
Total Earnings Effects	1,225,670	2,435,198	2,398,860
Gross-Up Factor	1.04	1.04	1.04
Revenue Requirement	$ 1,275,187	$ 2,533,580	$ 2,495,774
2017+2018 to be recovered March 2018 to February 2019 1/12th per mon		$ 3,808,767	
2019 to be recovered March 2019 to February 2020**** 1/12 per month			$ 2,495,774

Notes:
*Assumed tax life of 20 years
**Assumed book life of 85 years
***Assumed estimated property tax factor of 5%
****Surcharge recovery will end in December 2019 if new rates go into effect January 2020.

Appendix 7 -- Gas LAUF

Consolidated Edison Company of New York, Inc
Calculation of Five-Year Average Line Loss Factor, Factor of Adjustment, and Incentive/Penalty bands
Based on 5 Year Period: TME Aug 11 to TME Aug 15

		Aug-15	Aug-14	Aug-13	Aug-12	Aug-11
	Citygate Receipts					
1.	Total Pipeline Receipts	391,451,202	377,356,324	353,025,876	330,946,295	342,972,760
2.	LNG Withdrawals	490,659	140,655	64,064	104,271	99,052
3.	Total Receipts from NY Facilities	3,664,374	3,903,022	10,249,629	5,128,958	3,271,542
4.	**Total Receipts (Sum of Lines 1-3)**	395,606,235	381,400,001	363,339,569	336,179,524	346,343,354
	Deliveries to Customers					
5.	Retail Sales and Transportation Deliveries	180,059,780	169,409,530	153,245,546	132,737,852	149,664,074
6.	Deliveries to Generation	168,653,886	170,829,620	170,834,882	165,278,604	150,306,718
7.	Gas Used for Company Purposes & CNG	138,392	146,894	161,513	165,463	136,113
8.	LNG Injections	1,154,060	201,586	273,800	13,066	162,480
9.	Total Heater & Compressor Consumption	477,636	328,306	405,119	370,097	357,530
10.	Total Deliveries to NY Facilities	37,960,412	35,826,881	34,253,075	34,006,479	40,384,365
11.	**Total Deliveries (Sum of Lines 5-10)**	388,444,166	376,742,817	359,173,935	332,571,561	341,011,279
12.	**Losses (Line 4 - Line 11)**	7,162,069	4,657,184	4,165,634	3,607,963	5,332,075
	Contribution to system line loss from Generation at 0.5%					
13.	**(Line 6 * 0.005)**	843,269	854,148	854,174	826,393	751,534
14.	**Adjusted Line Loss (Line 12 - Line 13)**	6,318,800	3,803,036	3,311,459	2,781,570	4,580,541
15.	**Citygate Receipts adjusted for Generation (Line 4 - Line 6 - Line 13)**	226,109,080	209,716,233	191,650,513	170,074,527	195,285,102
16.	***Annual Line Loss Factor (LLF) (Line 14 / Line 15)***	2.7946%	1.8134%	1.7279%	1.6355%	2.3456%

5-Year Statistics (Aug 11 - Aug 15)

	Five-Year average Line Loss Factor (LLF)	
17.	**(Average of Line 16)**	**2.063%**
	Std Deviation	**0.493%**
	2 Std Deviations	**0.986%**
18.	**Standard Deviation (SD) of Line 16**	**0.493%**
	LLF% Target	**2.063%**
	Upper Deadband Limit	
19.	**(Line 17 + (2* Line 18))**	**3.049%**
	Lower Deadband Limit	
20.	**(Line 17 - (2* Line 18))**	**1.077%**
	Factor of Adjustment	
21.	**1/(1-Line 17)**	**1.0211**
	Maximuxm Upper Limit	
22	**(Line 17 + (4* Line 18))**	**4.036%**
	Maximum Lower Limit	
23	**(Line 17 - (4* Line 18))**	**0.091%**
24	**Total Receipts W/O Gen (Line 4 - Line 6 - Line 13)**	**226,109,080**
25	**Total Deliveries W/O Gen (Line 11 - Line 6)**	**219,790,280**

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

Consolidated Edison Company of New York, Inc

SAMPLE CALCULATION OF LINE LOSS BENEFIT/(COST)

	Losses Below lower deadband limit	Losses within deadband of +/- two std deviations	Losses Above upper deadband limit	
1. Total Receipts	391,406,235	393,606,235	396,356,235	
2. Total Deliveries	388,444,166	388,444,166	388,444,166	
3. Line Loss (Line 1 - Line 2)	2,962,069	5,162,069	7,912,069	
4. Deliveries to Generators	168,653,886	168,653,886	168,653,886	
5. Contributions from Generators (Line 4 * 0.005)	843,269	843,269	843,269	
6. Adjusted Line Loss (Line 3 - Line 5)	2,118,800	4,318,800	7,068,800	
7. Receipts Adjusted for Generators (Line 1 - Line 4 - Line 5)	221,909,080	224,109,080	226,859,080	
8. Adjusted Line Loss Factor (Line 6 / Line 7)	0.955%	1.927%	3.116%	
9. Annual Factor of Adjustment (1/1-Line 8)	1.0096	1.0196	1.0322	
10. **Target 5 yr Avg Line Loss Factor (Appendix 7 Page 1)**	**2.063%**	**2.063%**	**2.063%**	
11. **Factor of Adjustment (FOA) (1/1-Line 10)**	**1.0211**	**1.0211**	**1.0211**	
12. Net Commodity Cost of Gas	$ 254,464,905	$ 254,464,905	$ 254,464,905	
13. Upper Limit of Deadband (LLF) (App 7 Line 19)	3.049%	3.049%	3.049%	
14. Upper Limit of DB (FOA)(1/1-Line 13)	1.0315	1.0315	1.0315	
15. Lower Limit of DB (LLF) (App 7 Page 1 Line 20)	1.077%	1.077%	1.077%	
16. Lower Limit of Deadband (FOA)(1/1-Line 15)	1.0109	1.0109	1.0109	Lower Limit of Deadband (FOA)(1/1-Line 15)
17. Company Benefit/(Cost)*	$315,036		($174,400)	

A cost is subtracted from the gas costs to be recovered from gas sales customers and a benefit is added to the gas costs to be recovered from gas sales customers.

If the actual LLF is less than the Upper Limit of Deadband (LLF) and greater than Lower Limit of Deadband (LLF) then there is no benefit or cost

If the actual LLF is greater than the Upper Limit of Deadband (LLF)
Penalty (Cost) - Line 12 x [(Line 14 / Line 9) - 1]

If the actual LLF is less than the Lower Limit of Deadband (LLF)
Benefit = Line 12 x [(Line 16 / Line 9) - 1]

Appendix 8 -- Electric Reconciliation Targets

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Electric True Up Targets
$ 000's

	Twelve Months Ending December 31,				
Revenue True-ups	2017	RY2 Change	2018	RY3 Change	2019
Proceeds from Sales of TCCs	$ 75,000	$ -	$ 75,000	$ -	$ 75,000
Transmission Service Charges	5,000	-	5,000	-	5,000
Transmission of Energy	7,000	-	7,000	-	7,000
Environmental Allowances (SO2)*	-	-	-	-	-
Expense True-ups					
Municipal Infrastructure Support					
Interference - excl. Company labor (80/20 True up)	95,109	2,628	97,737	(706)	97,031
Property Tax Expense (90/10 True up)					
New York City	1,178,119	63,785	1,241,904	65,081	1,306,985
Upstate and Westchester	140,853	6,512	147,365	8,105	155,470
Total Property Taxes	1,318,972	70,297	1,389,269	73,186	1,462,455
Employee Pensions	203,086	(24,463)	178,623	(46,639)	131,984
Other Post Employment Benefits	(12,755)	3,779	(8,976)	(3,656)	(12,631)
Pension / OPEB Expense Before Phase In Adjustment	190,331	(20,684)	169,647	(50,295)	119,352
Adjustment to match expense with rate allowance -Levelization	(43,526)	43,489	(36)	43,598	43,562
Net Pension / OPEB Expense Rate Allowance	146,805	22,805	169,611	(6,697)	162,914
Storm Reserve	21,427	-	21,427	-	21,427
Management Variable Pay (Net of Capitalized)	27,238	602	27,840	615	28,455
ERRP - Major Maintenance	10,704	-	10,704	-	10,704
NEIL Insurance*	-	-	-	-	-
AMI Customer Engagement and Rate Pilot	3,184	6,005	9,189	650	9,839
Electric Vehicle Rate Incentive	641	392	1,033	392	1,425
Rate Base True-ups					
BQDM	92,877	(5,078)	87,799	(5,078)	82,721
REV Demo Projects	31,870	3,355	35,225	10,064	45,290
Energy Efficiency	821	7,018	7,840	25,375	33,214
Electric Vehicle (Equipment)	213	454	666	482	1,148
System Peak Reduction	4,376	10,454	14,829	13,614	28,443
SIR	55,485	(16,024)	39,461	(19,369)	20,092
Interest True-Ups (page 2)					
Average Variable Rate	1.37%	0.49%	1.86%	0.48%	2.34%
Variable Rate Debt Cost	11,036,310	3,717,150	14,753,460	3,656,670	18,410,130
Corporate Income Tax					
Brownfield Tax Credits*	-	-	-	-	-

Note
* The Company will defer for the benefit of customers all SO_2 allowances, NEIL Dividends, and Brownfield Tax Credits received during the term of the plan.

Consolidated Company of New York, Inc.
Cases 16-E-0060 / 16-G-0061
Variable Rate Debt

			RY1		RY2		RY3	
Bond	Maturity Date	Amount Outstanding	Effective Cost of Money	Effective Annual Cost	Effective Cost of Money	Effective Annual Cost	Effective Cost of Money	Effective Annual Cost
1999 Series A	05/01/34	292,700,000	1.15%	3,351,839	1.74%	5,079,532	2.33%	6,821,097
2010 Series A	06/01/36	224,600,000	1.73%	3,878,913	2.08%	4,665,013	2.43%	5,451,113
2001 Series B	10/01/36	98,000,000	1.38%	1,349,562	1.85%	1,810,162	2.32%	2,270,762
2004 Series A	01/01/39	98,325,000	1.23%	1,207,036	1.82%	1,792,070	2.42%	2,377,103
2004 Series B1	05/01/32	127,225,000	1.22%	1,550,569	1.83%	2,333,003	2.45%	3,115,437
2004 Series B2	10/01/35	19,750,000	1.03%	203,715	1.65%	325,178	2.26%	446,640
2004 Series C	11/01/39	99,000,000	1.45%	1,431,510	1.80%	1,778,010	2.15%	2,124,510
2005 Series A	05/01/39	126,300,000	1.52%	1,914,602	1.88%	2,369,282	2.24%	2,823,962
		1,085,900,000	1.37%	14,887,748	1.86%	20,152,251	2.34%	25,430,626

	RY1	RY2	RY3
Total costs	**$ 14,887,748**	**$ 20,152,251**	**$ 25,430,626**
Allocation to Electric*	74.1%	73.2%	72.4%
Electric Target	**$ 11,036,310**	**$ 14,753,460**	**$ 18,410,130**
Allocation to Gas*	19.8%	21.1%	22.2%
Gas Target	**$ 2,952,300**	**$ 4,246,900**	**$ 5,642,600**
Allocation to Steam*	6.0%	5.7%	5.4%
Steam Target	**$ 899,140**	**$ 1,151,890**	**$ 1,377,900**

* Interest costs will be allocated monthly based on the ratio of actual electric, gas, and steam plant to total plant.

	RY1	RY2	RY3
Net Utility Plant (Electric)	$ 22,001,169	$ 22,957,855	$ 23,949,003
Net Utility Plant (Gas)	5,885,477	6,608,602	7,340,228
Net Utility Plant (Steam)	1,792,456	1,792,456	1,792,456
	$ 29,679,102	$ 31,358,913	$ 33,081,687
Elec Allocation	74.1%	73.2%	72.4%
Gas Allocation	19.8%	21.1%	22.2%
Steam Allocation	6.0%	5.7%	5.4%
	100.0%	100.0%	100.0%

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Electric Average Net Plant Target Excludes AMI
$ 000's

Target

Exluding BQDM	**BOOK COST OF PLANT**	**ACCRUED DEPRECIATION**	**DEPRECIATION REMOVAL COST**	**AVERAGE NET PLANT EXCLUDING REMOVAL COST**
RY1	28,482,426	(6,692,931)	(109,908)	21,679,587
RY2	29,772,672	(7,161,567)	(290,437)	22,320,667
RY3	31,160,180	(7,711,898)	(462,426)	22,985,856

BQDM	**BOOK COST OF PLANT**	**ACCRUED DEPRECIATION**	**DEPRECIATION REMOVAL COST**	**AVERAGE NET PLANT EXCLUDING REMOVAL COST**
RY1	9,488	(62)	-	9,426
RY2	17,646	(499)	-	17,147
RY3	17,646	(1,001)	-	16,645

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Carrying Charge Rates

RY 1

	Electric Plant	BQDM	AMI Plant
Pre Tax Overall Rate of Return	9.610%	9.610%	9.610%
Composite Book Depreciation Rate	3.165%	2.842%	9.010%
Total Carrying Charge Rate	12.775%	12.452%	18.620%

RY 2

	Electric Plant	BQDM	AMI Plant
Pre Tax Overall Rate of Return	9.590%	9.590%	9.590%
Composite Book Depreciation Rate	3.154%	2.842%	8.345%
Total Carrying Charge Rate	12.744%	12.432%	17.935%

RY 3

	Electric Plant	BQDM	AMI Plant
Pre Tax Overall Rate of Return	9.520%	9.520%	9.520%
Composite Book Depreciation Rate	3.165%	2.842%	7.333%
Total Carrying Charge Rate	12.685%	12.362%	16.853%

Appendix 9 -- Gas Reconciliation Targets

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Gas True Up Targets
$ 000's

	Twelve Months Ending December 31,				
	2017	RY2 Change	2018	RY3 Change	2019
Expense True-ups					
Municipal Infrastructure Support					
Interference - excl. Company labor (80/20 True up)	$ 27,556	$ (45)	$ 27,511	$ (1,354)	$ 26,157
Property Tax Expense (90/10 True up)					
New York City	172,668	26,172	198,840	28,457	227,297
Upstate and Westchester	56,189	3,090	59,279	3,260	62,539
Total Property Taxes	228,857	29,262	258,119	31,717	289,836
Employee Pensions	41,743	(5,029)	36,714	(9,586)	27,128
Other Post Employment Benefits	(2,622)	777	(1,845)	(751)	(2,596)
Pension / OPEB Expense	39,121	(4,252)	34,869	(10,337)	24,532
Management Variable Pay (Net of Capitalized)	5,511	122	5,633	124	5,758
Pipeline Integrity Costs	4	0	4	0	4
Research and Development (Internal Programs)	1,132	24	1,156	24	1,180
AMI Customer Engagement	16	801	817	376	1,193
Rate Base True-ups					
SIR	13,740	(3,812)	9,928	(4,500)	5,428
Interest True-Ups (page 2)					
Average Variable Rate	1.37%	0.49%	1.86%	0.48%	2.34%
Variable Rate Debt Cost	2,952,300	1,294,600	4,246,900	1,395,700	5,642,600

Consolidated Company of New York, Inc.
Cases 16-E-0060 / 16-G-0061
Variable Rate Debt

			RY1		RY2		RY3	
Bond	Maturity Date	Amount Outstanding	Effective Cost of Money	Effective Annual Cost	Effective Cost of Money	Effective Annual Cost	Effective Cost of Money	Effective Annual Cost
1999 Series A	05/01/34	292,700,000	1.15%	3,351,839	1.74%	5,079,532	2.33%	6,821,097
2010 Series A	06/01/36	224,600,000	1.73%	3,878,913	2.08%	4,665,013	2.43%	5,451,113
2001 Series B	10/01/36	98,000,000	1.38%	1,349,562	1.85%	1,810,162	2.32%	2,270,762
2004 Series A	01/01/39	98,325,000	1.23%	1,207,036	1.82%	1,792,070	2.42%	2,377,103
2004 Series B1	05/01/32	127,225,000	1.22%	1,550,569	1.83%	2,333,003	2.45%	3,115,437
2004 Series B2	10/01/35	19,750,000	1.03%	203,715	1.65%	325,178	2.26%	446,640
2004 Series C	11/01/39	99,000,000	1.45%	1,431,510	1.80%	1,778,010	2.15%	2,124,510
2005 Series A	05/01/39	126,300,000	1.52%	1,914,602	1.88%	2,369,282	2.24%	2,823,962
		1,085,900,000	1.37%	14,887,748	1.86%	20,152,251	2.34%	25,430,626

	RY1	RY2	RY3
Total costs	**$ 14,887,748**	**$ 20,152,251**	**$ 25,430,626**
Allocation to Electric*	74.1%	73.2%	72.4%
Electric Target	**$ 11,036,310**	**$ 14,753,460**	**$ 18,410,130**
Allocation to Gas*	19.8%	21.1%	22.2%
Gas Target	**$ 2,952,300**	**$ 4,246,900**	**$ 5,642,600**
Allocation to Steam*	6.0%	5.7%	5.4%
Steam Target	**$ 899,140**	**$ 1,151,890**	**$ 1,377,900**

* Interest costs will be allocated monthly based on the ratio of actual electric, gas, and steam plant to total plant.

	RY1	RY2	RY3
Net Utility Plant (Electric)	$ 22,001,169	$ 22,957,855	$ 23,949,003
Net Utility Plant (Gas)	5,885,477	6,608,602	7,340,228
Net Utility Plant (Steam)	1,792,456	1,792,456	1,792,456
	$ 29,679,102	$ 31,358,913	$ 33,081,687
Elec Allocation	74.1%	73.2%	72.4%
Gas Allocation	19.8%	21.1%	22.2%
Steam Allocation	6.0%	5.7%	5.4%
	100.0%	100.0%	100.0%

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Gas Average Net Plant Target Excluding AMI
$ 000's

Target

	BOOK COST OF PLANT	ACCRUED DEPRECIATION	DEPRECIATION REMOVAL COST	AVERAGE NET PLANT EXCLUDING REMOVAL COST
RY1	7,438,440	(1,579,494)	(14,411)	5,844,535
RY2	8,241,564	(1,689,862)	(39,349)	6,512,353
RY3	9,066,574	(1,825,978)	(63,589)	7,177,007

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Carrying Charge Rates

RY 1

	Gas Plant	AMI Plant
Pre Tax Overall Rate of Return	9.610%	9.610%
Composite Book Depreciation Rate	2.457%	8.784%
Total Carrying Charge Rate	12.067%	18.394%

RY 2

	Gas Plant	AMI Plant
Pre Tax Overall Rate of Return	9.590%	9.590%
Composite Book Depreciation Rate	2.434%	7.834%
Total Carrying Charge Rate	12.024%	17.424%

RY 3

	Gas Plant	AMI Plant
Pre Tax Overall Rate of Return	9.520%	9.520%
Composite Book Depreciation Rate	2.426%	6.482%
Total Carrying Charge Rate	11.946%	16.002%

Appendix 10 -- AMI Reconciliation Targets

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Electric Average AMI Net Plant Target
$ 000's

	Target			
	BOOK COST OF PLANT	**ACCRUED DEPRECIATION**	**DEPRECIATION REMOVAL COST**	**AVERAGE NET PLANT EXCLUDING REMOVAL COST**
RY1	130,441	(4,594)	-	125,847
RY2	278,847	(21,745)	-	257,102
RY3	465,162	(49,787)	-	415,375

	CAPITAL SPEND
RY1	141,860
RY2	154,121
RY3	218,391

Consolidated Edison Company of New York, Inc.
Case 16-G-0061
Gas Average AMI Net Plant Target
$ 000's

	Target			
	BOOK COST OF PLANT	**ACCRUED DEPRECIATION**	**DEPRECIATION REMOVAL COST**	**AVERAGE NET PLANT EXCLUDING REMOVAL COST**
RY1	27,474	(943)	-	26,531
RY2	61,373	(4,471)	-	56,902
RY3	109,918	(10,280)	-	99,638

	CAPITAL SPEND
RY1	30,577
RY2	37,560
RY3	58,988

Consolidated Edison Company of New York, Inc.
Case 16-E-0060 & Case 16-G-0061
Carrying Charge Rates

RY 1

	Electric AMI Plant	Gas AMI Plant
Pre Tax Overall Rate of Return	9.610%	9.610%
Composite Book Depreciation Rate	9.010%	8.784%
Total Carrying Charge Rate	18.620%	18.394%

RY 2

	Electric AMI Plant	Gas AMI Plant
Pre Tax Overall Rate of Return	9.590%	9.590%
Composite Book Depreciation Rate	8.345%	7.834%
Total Carrying Charge Rate	17.935%	17.424%

RY 3

	Electric AMI Plant	Gas AMI Plant
Pre Tax Overall Rate of Return	9.520%	9.520%
Composite Book Depreciation Rate	7.333%	6.482%
Total Carrying Charge Rate	16.853%	16.002%

Consolidated Edison Company of New York, Inc.
Examples Of Electric AMI Net Plant Overspend and Underspend Scenarios
(Thousands of Dollars Except Carrying Charges)

RY1*	Book Cost Actual	Book Cost PSC/Rates	Book Cost Variation	Depreciation Reserve Actual	Depreciation Reserve PSC/Rates	Depreciation Reserve Variation	Net Plant Actual	Net Plant PSC/Rates	Net Plant Variation	Carrying Charge Computed 18.62%
Beg Balance	-	-	-	-	-	-	-	-	-	
Jan-17	9,724	10,724	(1,000)	-	-		9,724	10,724	(1,000)	
Feb-17	21,729	22,729	(1,000)	488	547	(59)	21,241	22,182	(941)	
Mar-17	33,734	34,734	(1,000)	1,121	1,180	(59)	32,613	33,554	(941)	
Apr-17	45,738	46,738	(1,000)	1,841	1,900	(59)	43,898	44,839	(941)	
May-17	57,743	58,743	(1,000)	2,647	2,706	(59)	55,096	56,037	(941)	
Jun-17	69,132	70,132	(1,000)	3,540	3,599	(59)	65,591	66,532	(941)	
Jul-17	81,136	82,136	(1,000)	4,519	4,578	(59)	76,617	77,559	(941)	
Aug-17	93,141	94,141	(1,000)	5,584	5,643	(59)	87,557	88,498	(941)	
Sep-17	105,146	106,146	(1,000)	6,736	6,794	(59)	98,410	99,351	(941)	
Oct-17	117,150	118,150	(1,000)	7,974	8,033	(59)	109,176	110,117	(941)	
Nov-17	129,155	130,155	(1,000)	9,299	9,358	(59)	119,856	120,797	(941)	
Dec-17	140,860	141,860	(1,000)	10,711	10,770	(59)	130,149	131,090	(941)	
Average	69,496	70,456	(958)	4,092	4,142	(51)	65,405	66,313	(907)	(168,861)

RY2**	Book Cost Actual	Book Cost PSC/Rates	Book Cost Variation PSC/Actual	Depreciation Reserve Actual	Depreciation Reserve PSC/Rates	Depreciation Reserve Variation	Net Plant Actual	Net Plant PSC/Rates	Net Plant Variation	Carrying Charge Computed 17.93%
Dec-17	140,860	141,860	(1,000)	10,711	10,770	(59)	130,149	131,090	(941)	
Jan-18	156,410	154,910	1,500	12,208	12,266	(58)	144,202	142,644	1,558	
Feb-18	169,460	167,960	1,500	13,777	13,835	(58)	155,684	154,126	1,558	
Mar-18	182,510	181,010	1,500	15,418	15,476	(58)	167,092	165,534	1,558	
Apr-18	195,560	194,060	1,500	17,133	17,191	(58)	178,427	176,869	1,558	
May-18	208,611	207,111	1,500	18,921	18,979	(58)	189,689	188,131	1,558	
Jun-18	219,269	217,769	1,500	20,782	20,840	(58)	198,486	196,928	1,558	
Jul-18	232,319	230,819	1,500	22,710	22,768	(58)	209,609	208,051	1,558	
Aug-18	245,369	243,869	1,500	24,711	24,769	(58)	220,658	219,100	1,558	
Sep-18	258,419	256,919	1,500	26,785	26,843	(58)	231,634	230,076	1,558	
Oct-18	271,469	269,969	1,500	28,932	28,990	(58)	242,537	240,979	1,558	
Nov-18	284,519	283,019	1,500	31,152	31,210	(58)	253,367	251,809	1,558	
Dec-18	297,481	295,981	1,500	33,445	33,503	(58)	264,035	262,477	1,558	
Average	220,257	218,856	1,396	21,217	21,275	(58)	199,040	197,581	1,454	260,750
						****			Cumulative Carrying Charges	91,889

RY3***	Book Cost Actual	Book Cost PSC/Rates	Book Cost Variation PSC/Actual	Depreciation Reserve Actual	Depreciation Reserve PSC/Rates	Depreciation Reserve Variation	Net Plant Actual	Net Plant PSC/Rates	Net Plant Variation	Carrying Charge Computed 16.85%
Dec-18	297,481	295,981	1,500	33,445	33,503	(58)	264,035	262,477	1,558	
Jan-19	315,680	314,180	1,500	35,929	35,871	58	279,750	278,308	1,442	
Feb-19	333,879	332,379	1,500	38,374	38,316	58	295,505	294,063	1,442	
Mar-19	352,078	350,578	1,500	40,894	40,836	58	311,184	309,742	1,442	
Apr-19	370,278	368,778	1,500	43,491	43,433	58	326,787	325,345	1,442	
May-19	388,477	386,977	1,500	46,164	46,106	58	342,313	340,871	1,442	
Jun-19	406,676	405,176	1,500	48,912	48,854	58	357,764	356,322	1,442	
Jul-19	424,875	423,375	1,500	51,737	51,679	58	373,138	371,696	1,442	
Aug-19	443,075	441,575	1,500	54,638	54,580	58	388,436	386,994	1,442	
Sep-19	461,274	459,774	1,500	57,616	57,558	58	403,658	402,216	1,442	
Oct-19	479,473	477,973	1,500	60,669	60,611	58	418,804	417,362	1,442	
Nov-19	497,673	496,173	1,500	63,799	63,741	58	433,874	432,432	1,442	
Dec-19	515,872	514,372	1,500	67,004	66,946	58	448,868	447,426	1,442	
Average	406,676	405,176	1,500	49,371	49,317	53	357,306	355,859	1,447	243,834
						****			Cumulative Carrying Charges	335,724

Note:
* RY1 - Scenario : Actual Net Plant Below Target Net Plant Reflected in Electric and Gas Rates
** RY2 - Scenario : Actual Net Plant Above Target Net Plant Reflected in Electric and Gas Rates
*** RY3 - Scenario : Actual Net Plant Above Target Net Plant Reflected in Electric and Gas Rates
**** The Company may be limited from accruing a full carrying charge to other operating revenues

Any regulatory asset or regulatory liability at the end of the Electric Rate Plan or Gas Rate Plan will not result in a debit or credit for disposition to the Company or to electric and/or gas customers, respectively. Such regulatory asset or regulatory liability may reverse over the remaining AMI project implementation period (currently projected to end in 2022) based on actual expenditures as compared to AMI costs reflected in rates established during the term(s) of future electric and/or gas rate plans. Any credit due electric and/or gas customers or debit due the Company will be determined upon project completion, after computing net plant associated with actual aggregate expenditures for both electric and gas to the net plant associated with the overall project cap of $1.285 billion. If at the completion of the project the actual net plant amount for a service is above the net plant target for that service, the Company will be able to defer carrying charges associated with the net plant overage for that service to the extent the capital expenditures associated with the AMI Deployment do not exceed the overall project capital cap of $1.285 billion.

Consolidated Edison Company of New York, Inc.
Examples Of Gas AMI Net Plant Overspend and Underspend Scenarios
(Thousands of Dollars Except Carrying Charges)

RY1*	Book Cost: Actual	Book Cost: PSC/Rates	Book Cost: Variation	Depreciation Reserve: Actual	Depreciation Reserve: PSC/Rates	Depreciation Reserve: Variation	Net Plant: Actual	Net Plant: PSC/Rates	Net Plant: Variation	Carrying Charge Computed 18.39%
Beg Balance	-	-	-	-	-	-	-	-	-	
Jan-17	1,330	2,330	(1,000)	-	-		1,330	2,330	(1,000)	
Feb-17	3,923	4,923	(1,000)	56	112	(56)	3,866	4,810	(944)	
Mar-17	6,515	7,515	(1,000)	186	242	(56)	6,329	7,273	(944)	
Apr-17	9,107	10,107	(1,000)	334	390	(56)	8,774	9,718	(944)	
May-17	11,700	12,700	(1,000)	499	555	(56)	11,200	12,144	(944)	
Jun-17	14,083	15,083	(1,000)	683	739	(56)	13,401	14,345	(944)	
Jul-17	16,676	17,676	(1,000)	884	939	(56)	15,792	16,736	(944)	
Aug-17	19,268	20,268	(1,000)	1,102	1,158	(56)	18,166	19,110	(944)	
Sep-17	21,860	22,860	(1,000)	1,339	1,395	(56)	20,522	21,466	(944)	
Oct-17	24,453	25,453	(1,000)	1,593	1,649	(56)	22,860	23,804	(944)	
Nov-17	27,045	28,045	(1,000)	1,865	1,921	(56)	25,180	26,124	(944)	
Dec-17	29,577	30,577	(1,000)	2,156	2,211	(56)	27,422	28,366	(944)	
Average	14,229	15,188	(958)	802	850	(49)	13,428	14,339	(909)	(167,275)

RY2**	Book Cost: Actual	Book Cost: PSC/Rates	Book Cost: Variation PSC/Actual	Depreciation Reserve: Actual	Depreciation Reserve: PSC/Rates	Depreciation Reserve: Variation	Net Plant: Actual	Net Plant: PSC/Rates	Net Plant: Variation	Carrying Charge Computed 17.42%
Dec-17	29,577	30,577	(1,000)	2,156	2,211	(56)	27,422	28,366	(944)	
Jan-18	35,233	33,733	1,500	2,461	2,519	(58)	32,772	31,214	1,558	
Feb-18	38,389	36,889	1,500	2,784	2,842	(58)	35,605	34,047	1,558	
Mar-18	41,544	40,044	1,500	3,122	3,180	(58)	38,423	36,865	1,558	
Apr-18	44,700	43,200	1,500	3,475	3,533	(58)	41,225	39,667	1,558	
May-18	47,855	46,355	1,500	3,843	3,901	(58)	44,012	42,454	1,558	
Jun-18	50,188	48,688	1,500	4,227	4,285	(58)	45,962	44,404	1,558	
Jul-18	53,344	51,844	1,500	4,624	4,682	(58)	48,720	47,162	1,558	
Aug-18	56,499	54,999	1,500	5,036	5,094	(58)	51,463	49,905	1,558	
Sep-18	59,655	58,155	1,500	5,464	5,522	(58)	54,191	52,633	1,558	
Oct-18	62,810	61,310	1,500	5,907	5,965	(58)	56,903	55,345	1,558	
Nov-18	65,966	64,466	1,500	6,365	6,423	(58)	59,601	58,043	1,558	
Dec-18	69,637	68,137	1,500	6,839	6,897	(58)	62,798	61,240	1,558	
Average	50,483	49,082	1,396	4,317	4,375	(58)	46,166	44,707	1,454	253,304
						****			Cumulative Carrying Charges	86,028

RY3***	Book Cost: Actual	Book Cost: PSC/Rates	Book Cost: Variation PSC/Actual	Depreciation Reserve: Actual	Depreciation Reserve: PSC/Rates	Depreciation Reserve: Variation	Net Plant: Actual	Net Plant: PSC/Rates	Net Plant: Variation	Carrying Charge Computed 16.00%
Dec-18	69,637	68,137	1,500	6,839	6,897	(58)	62,798	61,240	1,558	
Jan-19	74,553	73,053	1,500	7,445	7,387	58	67,108	65,666	1,442	
Feb-19	79,469	77,969	1,500	7,952	7,894	58	71,517	70,075	1,442	
Mar-19	84,384	82,884	1,500	8,475	8,417	58	75,910	74,468	1,442	
Apr-19	89,300	87,800	1,500	9,014	8,956	58	80,286	78,844	1,442	
May-19	94,216	92,716	1,500	9,570	9,512	58	84,646	83,204	1,442	
Jun-19	99,131	97,631	1,500	10,142	10,084	58	88,989	87,547	1,442	
Jul-19	104,047	102,547	1,500	10,731	10,673	58	93,316	91,874	1,442	
Aug-19	108,963	107,463	1,500	11,336	11,278	58	97,627	96,185	1,442	
Sep-19	113,878	112,378	1,500	11,957	11,899	58	101,921	100,479	1,442	
Oct-19	118,794	117,294	1,500	12,595	12,537	58	106,199	104,757	1,442	
Nov-19	123,710	122,210	1,500	13,249	13,191	58	110,460	109,018	1,442	
Dec-19	128,625	127,125	1,500	13,920	13,862	58	114,705	113,263	1,442	
Average	99,131	97,631	1,500	10,237	10,184	53	88,894	87,447	1,447	231,516
						****			Cumulative Carrying Charges	317,545

Note:
* RY1 - Scenario : Actual Net Plant Below Target Net Plant Reflected in Electric and Gas Rates
** RY2 - Scenario : Actual Net Plant Above Target Net Plant Reflected in Electric and Gas Rates
*** RY3 - Scenario : Actual Net Plant Above Target Net Plant Reflected in Electric and Gas Rates
**** The Company may be limited from accruing a full carrying charge to other operating revenues

Any regulatory asset or regulatory liability at the end of the Electric Rate Plan or Gas Rate Plan will not result in a debit or credit for disposition to the Company or to electric and/or gas customers, respectively. Such regulatory asset or regulatory liability may reverse over the remaining AMI project implementation period (currently projected to end in 2022) based on actual expenditures as compared to AMI costs reflected in rates established during the term(s) of future electric and/or gas rate plans. Any credit due electric and/or gas customers or debit due the Company will be determined upon project completion, after computing net plant associated with actual aggregate expenditures for both electric and gas to the net plant associated with the overall project cap of $1.285 billion. If at the completion of the project the actual net plant amount for a service is above the net plant target for that service, the Company will be able to defer carrying charges associated with the net plant overage for that service to the extent the capital expenditures associated with the AMI Deployment do not exceed the overall project capital cap of $1.285 billion.

Appendix 11 -- Book Depreciation Rates

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

**Average Service Lives, Net Salvage,
Annual Depreciation Rates and Life Tables**

PSC Acct	Company Account	Average Service Life In Years	Net Salvage %	Annual Rate %	Life Table No.	
	Electric Plant in Service					
	Production Plant - Steam Production					
311	311000 E Structures & Improvements	95	(25)	3.13	h 0.75	(F)
312	312000 E Boiler Plant Equipment	65	(25)	3.56	h 1.00	(F)
314	314000 E Turbogenerator	50	(25)	3.42	h 1.75	(F)
315	315000 E Accessory Electric Eq	45	(25)	3.89	h 1.50	(F)
316	316000 E Misc Power Plant Equipment	50	(25)	3.83	h 1.00	(F)
	Production Plant - Other Production					
341	341000 E Structures & Improvements	95	(10)	4.25	h 1.00	(F)
342	342000 E Fuel Holders	70	(10)	3.30	h 1.50	(F)
344	344000 E Generators	55	(10)	5.15	h 2.50	(F)
345	345000 E Accessory Electric Eq	60	(10)	4.87	h 2.00	(F)
348	348000 E Storage Equipment	15	0	6.67	h 4.00	
	Transmission Plant					
303	303090 E Cap Sftw for Electric Tran	5	-	20.00	Amort	(D)
351	351000 E Storage Equipment	15	0	6.67	h 4.00	
352	352000 E Structures & Improvements	80	(40)	1.75	h 2.50	
353	353000 E Station Equipment	50	(35)	2.70	h 1.75	
354	354000 E Towers & Fixtures	65	(40)	2.15	h 4.00	
356	356000 E O/H Conductors & Devices	50	(35)	2.70	h 2.50	
357	Underground Conduit					
	357000 E UG Conduit	70	(15)	1.64	h 4.00	
	357200 E U/G Conduit - Manhattan/Br	70	(15)	1.64	h 4.00	
358	358000 E U/G Conductors & Devices	60	(15)	1.92	h 2.75	

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

Average Service Lives, Net Salvage,
Annual Depreciation Rates and Life Tables

PSC Acct	Company Account	Average Service Life In Years	Net Salvage %	Annual Rate %	Life Table No.	
	Electric Plant in Service					
	Distribution Plant					
360	360000 E Land & LR - Easements/Lshl	50	-	2.00	Amort	
361	361000 E Structures & Improvements	52	(45)	2.79	h 2.50	
362	362000 E Station Equipment	50	(30)	2.60	h 2.00	
	362010 E Station Equipment BQDM DC Link	10		10.00		
363	363000 E Energy Storage Equipment	15	0	6.67	h 4.00	
	363010 E Energy Storage Equipment BQDM Brownsville Proj.	10		10.00		
364	364000 E Poles, Towers and Fixtures	65	(105)	3.15	h 1.00	
303	Capitalized Software					
	303010 E Cap Sftw for Electric Dist	5	-	20.00	Amort	(D)
	303015 E Cap Sftw for Electric Dist (WMS)	15	-	6.67	Amort	(D)
365	365000 E O/H Conductors & Devices	70	(60)	2.29	h 1.00	
366	Underground Conduit					
	366000 E U/G Conduit	80	(45)	1.81	h 2.00	
	366100 E U/G Conduit - Manhattan/Br	80	(45)	1.81	h 2.00	
	366010 E U/G Conduit -BQDM	10		10.00		
367	367000 E U/G Conductors & Devices	50	(75)	3.50	h 0.75	
	367010 E U/G Conductors & Devices BQDM DC link	10		10.00		
368	Line Transformers					
	368000 E Line Trnsf O/H	35	(20)	3.43	h 1.00	
	368100 E Line Trnsf U/G	35	(20)	3.43	h 1.50	
	368110 E Transformers BQDM	10		10.00		
369	Services					
	369100 E Services - O/H	70	(180)	4.00	h 1.00	
	369200 E Services - U/G	80	(150)	3.13	h 1.00	
370	Meters					
	370100 E Meters - Purchases (Electro-Mechanical)	35	(5)	3.00	h 0.75	
	370110 E Meters - Purchases (Solid-State)	20	(5)	5.25	h 0.75	
370	Meters Installations					
	370200 E Meters - Install (Electro-Mechanical)	35	-	2.86	h 0.75	
	370210 E Meters - Install (Solid-State)	20	-	5.00	h 0.75	
	370310 E Meters - Install (AMI)	20	-	5.00	h 0.75	
371	371000 E Inst on Cust Prem	65	(5)	1.62	h 1.25	
373	Street Lighting and Signal Systems					
	373100 E St Lt & Sig Sys - O/H	55	(105)	3.73	h 0.75	
	373200 E St Lt & Sig Sys - U/G	75	(100)	2.67	h 1.00	
	Electric Plant Held for Future Use					
	Transmission Plant					
357	357300 E UG Conduit Fu	-		-	-	

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

**Average Service Lives, Net Salvage,
Annual Depreciation Rates and Life Tables**

PSC Acct	Company Account	Average Service Life In Years	Net Salvage %	Annual Rate %	Life Table No.	
	Gas Plant in Service					
	Natural Gas Storage Plant					
	Other Storage Plant					
361	361000 G Str & Impr - Liquefied Sto	100	(15)	3.55	h 1.00	(F)
362	362100 G Gas Holders - Liq Stg	80	(15)	2.41	h 3.50	(F)
363	363000 G Purification Equipment	70	(15)	2.53	h 3.00	(F)
363.1	363100 G Liquefaction Equipment	70	(15)	3.41	h 4.00	(F)
363.2	363200 G Vaporizing Equipment	40	(15)	4.46	h 3.50	(F)
363.3	363300 G Compr Eq - Liq Stg	60	(15)	3.45	h 2.75	(F)
363.4	363400 G Meas & Reg Eq.- Liq Stg	30	(15)	4.44	h 2.50	(F)
363.5	363500 G Other Eq - Liq Stg	70	(15)	2.96	h 1.50	(F)
	Transmission Plant					
366	366000 G Structures & Improvements	40	(40)	3.50	h 2.00	
367	Mains					
	367100 G Gas Mains- All Other	85	(75)	2.06	h 2.75	(B)
	367200 G Gas Mains - Cast Iron	70	(100)	2.86	h 1.75	
	367300 G Gas Mains - Tunnel	100	(85)	1.85	h 5.00	
368	368000 G Compressor Station Eq	30	(10)	3.67	h 3.50	
369	369000 G Meas & Reg Stn Eq	50	(40)	2.80	h 1.50	
	Distribution Plant					
376	Mains					
	376120 G Gas Mains - All Other	85	(75)	2.06	h 2.75	(B)
	376110 G Gas Mains - Cast Iron	70	(100)	2.86	h 1.75	(B)
380	380100 G Gas Services - All Other	65	(45)	2.23	h 1.25	(B)
381	381000 G Meters - Purchases	40	(10)	2.75	h 1.50	
382	382000 G Meters - Installations	40	-	2.50	h 1.50	
	382100 AMI G Meters - Installations	20	-	5.00	h 1.50	
383	383000 G House Reg - Pch	42	0	2.38	h 2.25	
384	384000 G House Reg - Inst	42	0	2.38	h 2.25	
303	303020 G Cap Sftw for Gas 5 yr	5	-	20.00	Amort	(D)

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

Average Service Lives, Net Salvage,
Annual Depreciation Rates and Life Tables

PSC Acct	Company Account	Average Service Life In Years	Net Salvage %	Annual Rate %	Life Table No.	
	Steam Plant in Service					
	Production Plant					
	(Excluding ERRP & 74th St (transferred from Electric)					
310	**Land and Land Rights - Leaseholds**					
	310200 S Land & LR - Lshlds-59th St				**(A)**	**(C)**
	310300 S Land & LR - Lshlds-74th St				**(A)**	**(C)**
311	**311100 S Structures & Improvements**	35	(60)	4.57%	h 0.00	**(C)**
312	**312100 S Boiler Plant Equipment**	30	(30)	4.33%	h 0.25	**(C)**
315	**315100 S Accessory Power Equipment**	35	(25)	3.57%	h 0.25	**(C)**
316	**316100 S Miscellaneous Station Eq**	40	(10)	2.75%	h 1.50	**(C)**
	Production Plant					
	74th St (transferred from Electric)					
310	**310400 S Land & LR-Lshlds-74St FR**					
311	**311200 S Str & Impr-74th St Fully R**	-	-	1.25%	-	
312	**312200 S Boiler Plant Eq-74th St Fu**	-	-	1.43%	-	
315	**315200 S Acc Power Eq-74th St Fully**	-	-	0.71%	-	
316	**316200 S Misc Station Equipment-74t**	-	-	0.22%	-	
	Production Plant & Distribution Plant - ERRP					
311	**311300 S Str & Impr-ERRP**	35	(60)	4.57%	h 0.00	
312	**312300 S Boiler Plant Eq-ERRP**	30	(30)	4.33%	h 2.50	
315	**315300 S Accessory Power Eq-ERRP**	35	(25)	3.57%	h 0.25	
316	**316300 S Misc Station Equipment-ERR**	40	(10)	2.75%	h 1.50	
353	**353020 S Steam Mains-ERRP**	80	(75)	2.19%	h 0.25	
353	**353120 S Stm Mains - Desuperheating**	45	(45)	3.22%	h 1.25	
	Distribution Plant (Excluding ERRP)					
303	**303040 S Cap Sftw for Steam 5 yr**	5	-	20.00%	Amort	**(D)**
351	**351000 S Structures & Improvements**	50	-	2.00%	h 5.00	
353	**Mains**					
	353010 S Steam Mains	80	(75)	2.19%	h 0.25	
	353110 S Stm Mains - Desuperheating	45	(45)	3.22%	h 1.25	
359	**359000 S Services**	60	(50)	2.50%	h 0.00	
360	**360000 S Meter - Purchases**	35	(5)	3.00%	h 1.75	
361	**361000 S Acc Eq on Cust Prem**	60	(15)	1.92%	h 0.50	
362	**362000 S Inst of Meter & Acc Eq**	60	(20)	2.00%	h 0.75	

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

Average Service Lives, Net Salvage,
Annual Depreciation Rates and Life Tables

PSC Acct	Company Account	Average Service Life In Years	Net Salvage %	Annual Rate %	Life Table No.	
	Common Utility Plant in Service					
	Intangible Plant					
303	Miscellaneous Intangible Plant					
	303060 C Cap Sftw for C Plant 5 yr	5	-	20.00	AMORT.	(D)
	303070 C Cap Sftw for C Plant 10 yr	10	-	10.00	AMORT.	(D)
	303080 C Cap Sftw for C Plant 15 yr					
	HR Payroll	15	-	6.67	AMORT.	(D)
	Project One	15	-	6.67	AMORT.	(D)
	PowerPlant	15	-	6.67	AMORT.	(D)
	303900 C AMI software	20		5.00	AMORT.	(D)
	General Plant					
390	Structures and Improvements					
	390100 C Struct & Improv TRC A	55	(40)	2.55	h 0.75	
	390200 C Struct & Improv TRC B	55	(40)	2.55	h 0.75	
	390300 C Struct & Improv TRC C	55	(40)	2.55	h 0.75	
391	Office Furniture and Equipement					
	Electronic Data Processing Equipment					
	391700 C OFE. - EDP Eq	8	5	11.88	-	(E)
	391720 C OFE. - EDP Eq - ERRP	8	5	11.88	-	(E)
	Other Office Furniture and Equipment					
	391100 C OFE. - Furniture	18	-	5.56	-	(E)
	391200 C OFE. - Office Machines	18	-	5.56	-	(E)
392	Transportation Equipment					
	392100 C Tr. Eq. - Automobiles	8	10	11.25	-	(E)
	392200 C Tr. Eq. - Light Trucks	8	10	11.25	-	(E)
	392300 C Tr. Eq. - Heavy Trucks	8	10	11.25	-	(E)
	392400 C Tr. Eq. - Tr. & Mtd.Equip.	8	10	11.25	-	(E)
	392500 C Tr. Eq. - Buses	8	10	11.25	-	(E)
	392600 C Tr. Eq. - Tractors	8	10	11.25	-	(E)
393	393000 C Stores Equipment	20	5	4.75	-	(E)
394	394000 C Tools, Shop & Garage Eq	18	5	5.28	-	(E)
395	395000 C Laboratory Equipment	20	-	5.00	-	(E)
396	396000 C Power Operated Equipment	12	10	7.50	-	(E)
397	397000 C Comm. Eqment	15	-	6.67	-	(E)
	397100 C AMI Comm. Eqment	15	-	6.67	0	(E)
398	398000 C Misc. Equip.	20	-	5.00	-	(E)
	Nonutility Property Plant in Service					
121	304700 NU Nonutility Telecom	10	0	10.00	-	

NOTES
(A) Remaining life amortization by location.
(B) Gas Plant in Service other than Interruptible Gas Plant.
(C) Other than the fully recovered investment at the 74th Street Station.
(D) Amortization in accordance with the Software Accounting Guideline.
(E) Effective 1/1/95, investment in account is being amortized in accordance with the method specified in Case No. 93-M-1098.
(F) Life span method is used. Curve shown is interim survivor curve.

Appendix 12 -- Earnings Sharing Partial Year

Consolidated Edison Company of New York, Inc.
Electric Case 16-E-0060
Earnings Sharing Partial Year
During Stub Period Starting January 1, 2020
(000's)

Assumption: CECONY Delays Filing for New Rates for Six Months

Month / Year	Electric Net Income	
January 31, 2020	$ 93,000	
February 28, 2020	94,000	
March 31, 2020	78,000	
April 30, 2020	86,000	
May 31, 2020	118,000	
June 30, 2020	170,000	
Total		$ 639,000

	Electric Rate Base	
Rate Base as of December 31, 2019	$ 20,276,680	
Rate Base as of June 30, 2020	20,650,249	
Total	40,926,929	
Divided by Two	2	
Average Rate Base During Stub Period	$ 20,463,464	
x Ratio of operating income for the six months ended June 2015 to operating income for the 12 months ended December 2015	46.9%	
Rate Base Subject to Earnings Test		$ 9,587,000
Overall Rate of Return ($ 639,000 / $ 9,587,000)		6.67%
Return on Equity (Page 2)	8.88%	
Earnings Sharing Threshold	9.50%	
Earnings Above / (Under) Threshold	-0.62%	
Equity Earnings Base ($ 9,587,000 x 48.00%)	$ 4,601,760	
Equity Earnings Above / (Under) Target ($ 4,601,760 x -0.62%)	$ (28,610)	

Consolidated Edison Company of New York, Inc.
Electric Case 16-E-0060
Capital Structure & Cost of Money
During Stub Period Starting January 1, 2020

	Capital Structure %	Cost Rate %	Cost of Capital %
Long Term Debt	50.55%	4.74%	2.40%
Customer Deposits	1.45%	0.85%	0.01%
Total Debt	52.00%		2.41%
Common Equity	48.00%	8.88%	4.26%
Total	100.00%		6.67%

Consolidated Edison Company of New York, Inc.
Gas Case 16-G-0061
Earnings Sharing Partial Year
During Stub Period Starting January 1, 2020
(000's)

Assumption: CECONY Delays Filing for New Rates for Six Months

Month / Year	Gas Net Income	
January 31, 2020	$ 85,000	
February 28, 2020	85,000	
March 31, 2020	70,000	
April 30, 2020	41,000	
May 31, 2020	21,000	
June 30, 2020	5,000	
Total		$ 307,000

	Gas Rate Base	
Rate Base as of December 31, 2020	$ 6,005,011	
Rate Base as of June 30, 2021	6,310,174	
Total	12,315,185	
Divided by Two	2	
Average Rate Base During Stub Period	$ 6,157,593	
x Ratio of operating income for the six months ended June 2015 to operating income for the 12 months ended December 2015	76.0%	
Rate Base Subject to Earnings Test		$ 4,682,000
Overall Rate of Return ($ 307,000 / $ 4,682,000)		6.56%
Return on Equity (Page 2)	8.65%	
Earnings Sharing Threshold	9.50%	
Earnings Above / (Under) Threshold	-0.85%	
Equity Earnings Base ($ 4,682,000 x 48.00%)	$ 2,247,360	
Equity Earnings Above / (Under) Target ($ 2,247,360 x -0.85%)	$ (19,120)	

Consolidated Edison Company of New York, Inc.
Gas Case 16-G-0061
Capital Structure & Cost of Money
During Stub Period Starting January 1, 2020

	Capital Structure %	Cost Rate %	Cost of Capital %
Long Term Debt	50.55%	4.74%	2.40%
Customer Deposits	1.45%	0.85%	0.01%
Total Debt	52.00%		2.41%
Common Equity	48.00%	8.65%	4.15%
Total	100.00%		6.56%

Appendix 13 -- Common Allocation Factors

Consolidated Edison Company of New York, Inc.

Cases 16-E-0060, 16-G-0061

Common Allocation Factors

	Electric	Gas	Steam
Administrative & General Expenses (FERCs 9200 - 9350)	77.60%	15.95%	6.45%
Customer Accounting Expenses (FERCs 9010 - 9160)	84.00%	16.00%	-
Taxes Other than Income Taxes/Property Taxes	77.60%	15.95%	6.45%
Common Plant (including Property Taxes on Common Plant)	83.00%	17.00%	-
Common M&S	77.00%	17.00%	6.00%

Appendix 14 -- Electric Service Reliability Performance Mechanism

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Electric Service Reliability Performance Mechanism

Operation of Mechanism

This Electric Service Reliability Performance Mechanism (“reliability mechanism”) will go into effect for Consolidated Edison Company of New York, Inc. (Con Edison or the Company) on January 1, 2017 and will remain in effect until reset by the Commission. The measurement periods for the reliability mechanism metrics are stated in the description of each metric below.

This reliability mechanism establishes seven performance metrics:

(a) threshold standards, consisting of system-wide performance targets;

(b) a major outage metric;

(c) a remote monitoring system metric;

(d) a program standard for repairs to damaged poles;

(e) a program standard for the removal of temporary shunts;

(f) a program standard for the repair of "no current" street lights, and traffic signals; and

(g) a program standard for over-duty circuit breakers.

All revenue adjustments related to this reliability mechanism will come from shareholder funds and will be deferred for the benefit of ratepayers.

Summary of Mechanism

	Requirement for Revenue Adjustment	Annual Revenue Adjustment Exposure (millions)
Threshold Standards		
Network Outage Duration	Con Ed Performance > 4.70	$5.00
CAIDI[1]P (radial)	Con Ed Performance > 2.04	$5.00
Network Outages per 1000 customers	Con Ed Performance > 2.5[2]	$4.00
Summer Open Automatics (network)	Con Ed Performance > 330	$1.00
SAIFI[3] (radial)	Con Ed Performance > 0.495	$5.00
Major Outages		
Network	The interruption of service to 15 percent or more of the customers in any network for a period of three hours or more.	$5.0 to $15.0/event
Radial	One event that results in the sustained interruption of service to 70,000 customers for three hours or more.	$10.0/event
	Maximum Exposure	$30.00
Remote Monitoring System Reporting		
Network	Failure by the Company to achieve 90 percent reporting rate for the Remote Monitoring System in each network during the last month of each quarter.	$10.0/network
	Maximum Exposure	$50.00

[1] CAIDI – Customer Average Interruption Duration Index. The average interruption duration time (customers-hours interrupted) for those customers that experience an interruption during the year.

[2] The customer count as of December 31 of the preceding year was used in calculating historical performance that formed the basis of this target and will be used in measuring the Company's actual performance during each calendar year.

[3] SAIFI – System Average Interruption Frequency Index. It is the average number of times that a customer is interrupted per 1,000 customers served during the year.

	Requirement for Revenue Adjustment	Annual Revenue Adjustment Exposure (millions)
Program Standards		
Pole Repair	For all “Damaged Poles” and “Double Damaged Poles” that come into existence on or after 1/1/17, repairs not made within 30 days from the date the Company became aware of the “Damaged Pole” or “Double Damaged Pole” for at least 90% of these new “Damaged Poles” and “Double Damaged Poles”.	$3.00
Shunt Removal	For all shunts that come into existence on or after 1/1/17, permanent repairs not made for at least 90% of these new cases within 90 days during the winter months, which are defined for purposes of this metric as January, February, March, April, November, and December, and at least 90% of these cases within 60 days during the remaining six months, May through October that is defined as the summer months.	Winter: $1.5 Summer: $1.5
No Current Street Lights and Traffic Signals	For all no currents that come into existence on or after 1/1/17, permanent repairs not made for at least 90% of these new cases within 90 days during the winter months, which are defined for purposes of this metric as January, February, March, April, November, and December, and at least 80% of these new cases within 45 days during the remaining six months, May through October that is defined as the summer months.	Winter: $1.5 Summer: $1.5
Over-Duty Circuit Breakers	If Con Edison does not replace at least 50 over-duty circuit breakers in each calendar year and at least 180 over the three- year cycle.	$0.1 Per Breaker $1.5 annually
	Revenue adjustment capped at $1.5 million per year for not meeting annual target. At the end of the three-year cycle, there will be an additional revenue adjustment of $0.1 million per breaker, capped at $3.0 million, if the cumulative three-year cycle target is not met.	$1.5 annual $3.0 cummulative per three-year cycle
Maximum Exposure		$7.5
Total Revenue Adjustment Exposure: $110.5 for RY1 $110.5 for RY2 $115.0 for RY3		

Exclusions

The following exclusions will be applicable to operating performance under this reliability mechanism.

(a) Any outages resulting from a major storm, as defined in 16 NYCRR Part 97 (for at least 10% of the customers interrupted within an operating area or customers out of service for at least 24 hours), except as otherwise noted; this includes secondary underground network interruptions that occur in an operating area during winter snow/ice events that meet the 16 NYCRR Part 97 definition (10%/24 hour rule) and includes interruptions to customers in secondary network areas who are supplied via overhead lines connected to an underground network system.

(b) Heat-related outages are not a major storm. However, the Company may petition the Commission for an exemption for an outage if the Company can prove that such outage, whether heat-related or not, was beyond the Company's control, taking into account all facts and circumstances.

(c) Any incident resulting from a strike or a catastrophic event beyond the control of the Company, including but not limited to plane crash, water main break, or natural disasters (*e.g.*, hurricanes, floods, earthquakes).

(d) Any incident where problems beyond the Company's control involving generation or the bulk transmission system is the key factor in the outage, including, but not limited to, NYISO mandated load shedding. This criterion is not intended to exclude incidents that occur as a result of unsatisfactory performance by the Company.

Reporting

The Company will prepare an annual report on its performance under this reliability mechanism. The annual report will be filed by March 31st of each Rate Year with the Secretary to the Commission; Director of the Office of Electric, Gas, and Water; and Chief of Electric Distribution Systems. Copies of the annual report will be simultaneously provided to the New York City Department of Transportation ("NYCDOT") Deputy Commissioner of Traffic Operations, the NYCDOT Director of Street Lighting, the Westchester County First Deputy Commissioner of Public Works, and the President of the Utility Workers Union of America, Local 1-2.

The reports will state the:

(a) Company's annual system-wide performance under the Threshold Standards and identify whether a revenue adjustment is applicable and, if so, the amount of the revenue adjustment;

(b) Company's performance under the Major Outage metric and identify whether a revenue adjustment is applicable and, if so, the amount of the revenue adjustment;

(c) Company's performance under the Remote Monitoring System metric and identify whether a revenue adjustment is applicable and, if so, the amount of the revenue adjustment;

(d) Company's performance under the Program Standards applicable during the period and identify whether a revenue adjustment is applicable and, if so, the amount of the revenue adjustment; and

(e) Provide adequate support for all exclusions.

Within 45 days of any event that meets the Major Outage criteria, the Company will file an interim report on the event, containing, among other things, information pertinent to determining whether a revenue adjustment for the event is applicable. Any requests for exclusion must be made in the interim report.

Threshold Standards

In Cases 90-E-1119, 95-E-0165, 96-E-0979, and 02-E-1240, the Commission adopted standards establishing minimum performance for frequency and duration of service interruption for network and radial systems. Under these standards, the frequency of service interruptions is measured by the System Average Interruption Frequency Index ("SAIFI"), and the duration of service interruptions is measured by the Customer Average Interruption Duration Index ("CAIDI").

The system-wide performance targets used for purposes of the threshold standards metric are as set forth below. The measurement periods for the threshold standards are successive 12-month periods ending December 31 of each year. During each annual measurement period, Con Edison's year-end SAIFI index for its entire radial system will be measured against the respective SAIFI system-wide performance target. During each annual measurement period, Con Edison's year-end weighted average CAIDI index for its entire radial system will be measured against the respective CAIDI system-wide performance target.

The network duration target will be a temporary replacement for network CAIDI. The measurement period for network duration are successive 12-month periods ending December 31 of each year. During each annual measurement period, Con Edison's year- end duration for its entire network system will be measured against the respective duration target.

The network interruption and summer feeder open-auto targets will be a temporary replacement for network SAIFI. The measurement period for network interruption are successive 12-month periods ending December 31 of each year. During each annual measurement period, Con Edison's year-end number of interruptions for its entire network system will be measured against the respective interruption target. The measurement period for summer feeder open-auto includes the months of June, July, and August of each year. During each annual measurement period, Con Edison's summer-end feeder open-auto rate for its network system will be measured against the respective feeder open-auto target.

The Company's annual performance in maintaining reliability must meet or be better than the SAIFI and CAIDI system-wide performance, Network Duration, Network Interruption, and Summer Feeder Open-Auto targets. A total of $20 million is at risk for performance not meeting these targets.

(a) Radial – CAIDI

A total of $5 million per year is at risk for customer interruption duration performance, as follows:

	Threshold Target (hours)	**Revenue Adjustment (millions)**
Radial CAIDI	2.04	$5

(b) Network Outage Duration

A total of $5 million per year is at risk for network outage duration performance, as follows:

	Threshold Target (hours)	Revenue Adjustment (millions)
Network outage duration	4.7	$5

(c) Radial – SAIFI

A total of $5 million per year is at risk for customer interruption frequency performance, as follows:

	Threshold Target	Revenue Adjustment (millions)
Radial SAIFI	0.495	$5

(c) Network Outage

A total of $4 million per year is at risk for network outage performance, as follows:

	Threshold Target	Revenue Adjustment (millions)
Network Outages per 1000 customers	2.5	$ 4

(d) Summer Feeder Open-Auto Target

A total of $1 million per year is at risk for summer network feeder open- auto performance, as follows:

	Threshold Target	Revenue Adjustment (millions)
Summer Network Feeder Open-Auto	330	$ 1

Major Outages

For purposes of this metric, a “major outage” event in a network system is defined as the interruption of service to 15 percent or more of the customers in any network for a period of three hours or more. If the Company creates any new second contingency networks during the Electric Rate Plan, those networks will be covered by this metric. A radial system interruption event is defined as one event that results in the sustained interruption of service to 70,000 customers for three hours or more.

Any single occurrence that results in multiple network or radial system interruption events will result in only one revenue adjustment being assessed. An example is the loss of an area substation that shuts down two or more networks or a combination of network and radial system load.

This single occurrence exception will not apply if each Major Outage that takes place during any single occurrence results from separate and distinct causes. For example, if there are two network shutdowns during a single heat wave, and each network shutdown results from failures on that particular network that were not beyond the Company's control, the single occurrence exception would not apply and two network shutdowns will be considered to have occurred.

In addition, Con Edison shall not be subject to a revenue adjustment when the 15% threshold is met due to an outage that is confined to one building within a network. The Company can petition the Commission for exemption on a case-by-case basis, of outages affecting more than one building that are, nevertheless, small scale and do not warrant classification as a Major Outage.

To avoid multiple revenue adjustments for the same operating performance problem or occurrence, interruptions and customer hours of interruption associated with Major Outage revenue adjustments will be excluded from the appropriate year-end system-wide performance calculations, except as noted.

The Company will be subject to a revenue adjustment based on the outage duration. Con Edison will be subject to a maximum revenue adjustment of $30 million. After the $30 million cap has been reached, the effect of the major outage will be included in the system-wide performance measurements. The revenue adjustment structure is as follows:

(a) Network Major Outage

Network Outage Duration	15% or More of Network Customers
3 to 6 hours	$5 million
> 6 hours to 12 hours	$10 million
> 12 hours	$15 million

(b) Radial Major Outage

A revenue adjustment of $10 million is at risk for each radial major outage.

Remote Monitoring System

For each network, except upon the occurrence of extraordinary system conditions, the Company will have 90% of its Remote Monitoring System units reporting properly in each network. Failure by the Company to achieve the target level for the Remote Monitoring System will result in a revenue adjustment of $10 million per network per measurement interval with an annual cap of $50 million.

Where the Company can demonstrate that extraordinary circumstances prevented it from achieving the target level, those circumstances will be factored in measuring the Company's compliance with the above requirement. The determination of whether extraordinary circumstances exist will be made on a case-by-case basis and will be based on the particular facts and circumstances presented.

The Company will be required to submit on a quarterly basis, the RMS reporting rate per network during the last month of each quarter that commenced June 30, 2008.
This mechanism is an interim standard, with the intent of adopting a target level of 95% for each network when such a standard is found to be reasonable.

Program Standards

(a) Pole Repair

i) Definitions

1. "Damaged Poles" are poles damaged by storm conditions, vehicle contact, or other circumstances, and that support existing equipment

with temporary external bracing while not posing an immediate threat to the safety of the public or the distribution system.

2. "Double Damaged Poles" are poles damaged by storm conditions, vehicle contact, or other circumstances, and that are not capable of supporting existing equipment. In each of these cases, a new pole is installed next to the damaged pole and is braced to the damaged pole to safely support the damaged pole until the Company transfers equipment to the new pole.

3. "Repair," for purposes of this program standard, means transferring Company facilities to a new pole, and removing or "topping" the "damaged" pole.

ii) Performance Requirements

The Company will strive to repair all "Damaged Poles" and "Double Damaged Poles" in a timely manner. For all "Damaged Poles" and "Double Damaged Poles" that are in existence as of December 31, 2016, Con Edison will make permanent repairs and is subject to the revenue adjustment as required by the prior reliability mechanism. For all "Damaged Poles" and "Double Damaged Poles" that come into existence on or after January 1, 2017, Con Edison will make repairs within 30 days from the date the Company became aware of the "Damaged Pole" or "Double Damaged Pole" for at least 90% of these new "Damaged Poles" and "Double Damaged Poles". In the event the Company does not achieve the 90% within 30 days threshold for "Damaged Poles" and "Double Damaged Poles" that come into existence during or after the 2017 calendar year, it will incur a revenue adjustment of $3 million for such year.

Con Edison will make repairs to all "Damaged Poles" and "Double Damaged Poles" that come into existence on or after January 1, 2017 within six months of the dates the Company became aware of the damaged poles.

iii) Storm Exclusion

In an effort to permit the Company to utilize labor resources most effectively and facilitate the restoration of customers, the Company may utilize up to 60 days to make repairs on 90% of poles that become “Damaged Poles” and “Double Damaged Poles” during qualifying major storm events as defined in 16 NYCRR Part 97. Where the Company does not immediately make repairs on its poles, the Company shall ensure that each “Damaged Pole” and “Double Damaged Pole” is safe for public and vehicle access.

iv) Extraordinary Circumstances Exception

Where the Company can demonstrate that extraordinary circumstances prevent a repair within the 30-day, 60-day, or six month time frames, as appropriate, that non- repair will not be considered in measuring the Company's compliance with these requirements. The determination of whether extraordinary circumstances exist will be made on a case-by-case basis and will be based on the particular facts and circumstances presented.

v) Reporting

The Company’s annual report will: (i) report on "Damaged Poles" and "Double Damaged Poles" that come into existence from January 1 through December 31 of the prior year; (ii) provide the status of "Damaged Poles" and "Double Damaged Poles" that existed before January 1 of the prior year; (iii) identify the “Damaged Poles” and “Double Damaged Poles” that were not repaired; and, (iv) describe the extraordinary circumstances, if any, that prevented the repairs from being made. For (i) and (ii), the report will include, at a minimum, a listing of the damaged pole locations, the date the Company became aware of the problem at that location, and the date of the repair.

(b) Shunt Removal

It is not the purpose of this metric to require Con Edison to eliminate the use of temporary shunts; to the contrary, temporary shunts may be needed to restore electric service pending permanent repairs. In cases where temporary shunts are used, the Company will strive to remove them and make permanent repairs in a timely manner. It is Con Edison’s responsibility to identify all shunts installed by the Company.

i) Definitions

1. “Temporary Shunts” are cables installed by the Company to

temporarily maintain service continuity to a customer pending the permanent repair of a Company facility.

2. “Publicly Accessible Shunts” include street/sidewalk shunts and overhead to underground service shunts, including shunts to street lights, installed by the Company. Shunts installed within individual customer facilities, typically behind the customer's meter (called a “meter pan bridge”) or inside the customer's end line box (called a “service bridge”), that are not accessible to the general public are not covered by this metric.

3. “Permanent Repair” means that the condition necessitating the shunt has been fully remediated and service has been restored by the Company to the customer's facility before the shunt is removed.

ii) Performance Requirements

The Company will not remove any shunt that will have the effect of leaving a streetlight or traffic signal without power, except for exigent safety reasons,[4] until the condition giving rise to the need for the shunt has been completely repaired. Furthermore, it is Con Edison’s responsibility to repair the conditions on its system that required the use of the temporary shunts. For all shunts that are in existence as of December 31, 2016, Con Edison will make permanent repairs as required by the prior reliability mechanism. For all shunts that come into existence on or after January 1, 2017, Con Edison will make permanent repairs for at least 90% of these new cases within 90 days during the winter months, which are defined for purposes of this metric as January, February, March, April, November, and December, and at least 90% of these cases within 60 days during the remaining six months, May through October. Failure to reach the 90% threshold will result in the follow revenue adjustments:

[4] In such situations, and as appropriate, the Company either will replace its temporary shunt or effect the permanent repair.

Adjustment Level

Winter Months $1,500,000

May – October $1,500,000

Con Edison will make permanent repairs in all cases in which temporary shunts are installed on or after January 1, 2017 within six months of the dates the shunts are installed. The 60-day, 90-day and six month periods for making permanent repairs may be tolled in the event that, and for the period corresponding to, a third party (such as the municipal customer) must perform service at the site prior to, and as a precondition to, Con Edison's completion of work. The Company will be responsible for providing notice to the third party that its work is a precondition to the Company's work and for demonstrating the applicability of the tolling period.

iii) Extraordinary Circumstances Exception

Where the Company can demonstrate that extraordinary circumstances prevented a shunt repair within the 60-day, 90-day, or six month time frames, as appropriate, that non-repair will not be considered in measuring the Company's compliance with the above requirements. The determination of whether extraordinary circumstances exist will be made on a case-by-case basis and will be based on the particular facts and circumstances presented (*e.g.*, documentation demonstrating delays of more than 30 days in receiving street-opening permits from NYCDOT).

iv) Reporting

The Company's annual report will: (i) report on shunts installed from January 1 through December 31 of the prior year; (ii) provide the status of shunts installed before January 1 of the prior year; (iii) identify the shunt locations that were not permanently repaired within the 60-day, 90-day, and six month periods described above; and, (iv) describe the extraordinary circumstances, if any, that prevented the permanent repair of the shunts. For (i) and (ii), the report will include, at a minimum, a listing of the shunt locations, the date the Company became aware of the problem at each such location, the date the shunt was installed, the date of the permanent repair, and the date the shunt was removed.

(c) No Current Street Lights and Traffic Signals

i) Definitions

1. A “no current” is a location where Con Edison's electric service supplying power to municipal street lights or traffic signals is not working due to a failure of Con Edison's service to the customer facility point, and the date that a “no current” comes into existence is the date of the “stop tag” notifying Con Edison of the “no current” condition.
2. “Permanent repair” means that service has been permanently restored by the Company to the customer's facility point.

ii) Performance Requirements

The Company will strive to make permanent repairs to all no currents (including both street lights and traffic signals) in a timely manner.

For all no currents that are in existence as of December 31, 2016, Con Edison will make permanent repairs as required by the prior reliability mechanism. An exception will be made in situations in which the Company can demonstrate that it could not complete its repair due to work required to be undertaken by third parties. For all no currents that come into existence on or after January 1, 2017, Con Edison will make permanent repairs for at least 90% of these new cases within 90 days during the winter months, which are defined for purposes of this metric as January, February, March, April, November, and December, and at least 80% of these new cases within 45 days during the remaining six months, May through October. The Company's maximum exposure each year under this metric will be $3 million, as follows:

Adjustment Level
Winter Months $1,500,000
May – October $1,500,000

The Company will make permanent repairs to all no currents that come into existence on or after January 1, 2017 within six months of the dates they come into existence. The 45-day, 90-

day, and six month periods for making permanent repairs may be tolled in the event that, and for the period corresponding to, a third party (such as the municipal customer) must perform service at the site prior to, and as a precondition to, Con Edison's completion of work. The Company will be responsible for providing notice to the third party that its work is a precondition to the Company's work and for demonstrating the applicability of the tolling period.

iii) Extraordinary Circumstances Exception

Where the Company can demonstrate that extraordinary circumstances prevented a "no current" from being permanently repaired within the 45-day, 90-day, or six month time frames, as appropriate, that non-repair will not be considered in measuring the Company's compliance with the above requirements. The determination of whether extraordinary circumstances exist will be made on a case-by-case basis and will be based on the particular facts and circumstances presented (*e.g.*, documentation demonstrating delays of more than 30 days in receiving street opening permits from NYCDOT).

iv) Reporting

The Company’s annual report will: (i) report on "no currents" that came into existence from January 1 through December 31 of the prior year; (ii) provide the status of "no currents" that existed before January 1 of the prior year; (iii) identify the "no current" locations that were not repaired within the 45-day, 90-day, and six month periods; and, (iv) describe the extraordinary circumstances, if any, that prevented the permanent repair of the "no currents." For (i) and (ii), the report will include, at a minimum, a listing of the "no current" locations, the date the Company became aware of the problem at each location, and the date of the permanent repair at each location.

(d). Over-Duty Circuit Breakers

Many of the Company’s substations' circuit breakers are at or over their fault current capacity requiring customers with synchronous distributed generators sited in those networks to install customer side fault current mitigation where possible. Elimination of over-duty circuit breakers and taking other reasonable steps necessary to enable the installation of synchronous generators is a priority because of the significant interest in the use of DG to address a variety of concerns.

The Company will pay the cost of purchasing and installing fault current mitigation technology where an over-duty circuit breaker condition exists or will exist with the addition of DG to Con Edison's system up to a total of $3 million annually. The Company would cover the cost of only the least expensive, effective fault current mitigation device. The Company would be responsible for replacing this device when still needed due to an over-duty circuit breaker condition, including replacements needed as a result of a blown fuse, age, and regular wear and tear, unless the Company can demonstrate that the equipment damage is based on the actions or equipment of DG operations. If over-duty breaker conditions no longer exist and the fault current mitigation device is no longer working, the Company would not be required to replace this device. The Company's incremental costs related to the purchase and installation of fault current mitigation technology will be deferred for recovery from customers.

i) Performance Requirements

For 13 kV and 27 kV over-duty circuit breakers, except upon the occurrence of extraordinary system conditions, the Company will replace a target of at least 50 over- duty circuit breakers during the calendar year (the "annual target level") and at least 180 over-duty circuit breakers during each three-year period (the "triannual target level").

There will be revenue adjustment applicable for the annual and for the triannual performance. If the Company does not achieve the annual target level for over-duty circuit breaker replacements, the Company will be subject to a $100,000 per breaker revenue adjustment with a maximum revenue adjustment of $1.5 million . If the Company does not achieve the triannual target level for over-duty circuit breaker replacements, the Company will be subject to an additional $100,000 per breaker revenue adjustment with a maximum revenue adjustment of $3 million.

ii) Selection and Prioritization of Replacements

The Company will, to the extent practicable, seek to include over-duty circuit breaker replacements in situations where maximum fault currents are between 100 and 103 percent of the breaker rating. The Company will determine the prioritization of breaker replacements. The Company will have at least one meeting of all interested DG parties annually to review implementation of the effort and to address prioritization of where to replace over-duty circuit breakers. This annual meeting should be done in conjunction with efforts to improve communications with the DG community.

iii) Extraordinary Circumstances Exception

Where the Company can demonstrate that extraordinary circumstances prevented it from achieving the target levels for the rate year, those circumstances will be factored in measuring the Company's compliance with the above requirements. The determination of whether extraordinary circumstances exist will be made on a case-by-case basis and will be based on the particular facts and circumstances presented.

iv) Reporting

The Company's annual report will: (i) report on the number of over-duty breakers in existence from January 1 through December 31 of the prior year; (ii) provide the status of the Company's efforts on replacing the over-duty breakers; (iii) identify all over-duty breakers that were replaced over the course of the prior calendar year; and (iv) describe the extraordinary circumstances, if any, that prevented the Company from achieving the target level for replacements.

Appendix 15 -- Safety Standards Pilot Program

Consolidated Edison Company of New York, Inc.
Case 16-E-0060
Electric Safety Standards

Operation of Eight-Year Underground Inspection Cycle Pilot

The eight-year underground inspection cycle is effective as of January 1, 2015.

The annual performance target for inspections shall be as follows in order to comply with the eight-year inspection cycle:

Underground Inspection Annual Goal	**Percentage**	**Cumulative Minimum**
First year inspection goal: 85% of annual target	85% of 12.5% in year one	10.625%
Second year inspection goal: 90% of annual target	90% of 12.5% in year two	21.875%
Third year inspection goal: 95% of annual target	95% of 12.5% in year three	33.75%
Fourth year inspection goal: 95% of annual target	95% of 12.5% in year four	45.625%
Fifth year inspection goal: 95% of annual target	95% of 12.5% in year five	57.5%
Sixth year inspection goal: 95% of annual target	95% of 12.5% in year six	69.375%
Seventh year inspection goal: 95% of annual target	95% of 12.5% in year seven	81.25%
Eighth year inspection goal: 100% of all facilities to be inspected	100% of 100% in year eight	100%

In all other respects, during the term of the Rate Plan, this program will be subject to the Commission's orders in the Electric Safety Standards proceeding (Case 04-M-0159) and related proceedings, including but not limited to any reporting requirements, exceptions, exclusions and the negative revenue adjustments specified in the Electric Safety Standards, as those requirements may be amended by the Commission. For example, if the Commission takes action to replace negative revenue adjustments with a scorecard or otherwise modifies the negative revenue adjustments, as proposed in Case 16-E-0323, such modification will be applicable to the eight-year program established in this Eight-Year Underground Inspection Cycle.

In its next electric rate filing for rates, to be effective January 1, 2020, the Company will review the pilot, which might be subject to a prospective adjustment. If the inspection cycle and/or inspection activities are changed, the Company will be provided a reasonable transition that recognizes the time needed to acquire, train and mobilize the additional resources to meet any revision to the underground inspection program.

If the Company does not file for rates to be effective January 1, 2020, then the pilot will be subject to review and adjustment in 2019. If Company and/or Staff believe that the inspection cycle and/or inspection activities should be changed, the Company may submit a petition: (a) for a change in the underground inspection program; (b) for recovery of costs associated with the modified underground inspection program, along with consideration of the other safety related programs; and c) premised on a reasonable transition that recognizes the time needed to acquire, train and mobilize the additional resources to meet any revision to the underground inspection program. If the Company files such a petition it will not be subject to a materiality threshold.

Appendix 16 -- Gas Performance Mechanism

Consolidated Edison Company of New York, Inc.
Cases 16-G-0061
<u>Gas Safety Performance Metrics</u>

The gas safety performance measures described herein will be in effect for the term of the Gas Rate Plan. Unless otherwise indicated, all gas safety measures and targets (and associated revenue adjustments)[1] for calendar year 2019 remain in effect thereafter unless and until changed by the Commission.[2]

Negative Revenue Adjustments

1. **Leak Management/Emergency Response/Damages**

a. Leak Management - Year-End Total Backlog

If the year-end total leak backlog (types 1,2, 2A, 2M and 3)[3] exceeds the targets set forth below for Rate Years 2017, 2018 and 2019, the following negative revenue adjustments will be accrued on the Company's books for the benefit of firm customers for each Rate Year that the performance measures noted below are not attained, as directed by the Commission. Backlog must be at or below target between December 25 and December 31. Rechecks for each day that fail recheck must be added back into that day's backlog.

<u>2017</u>	
600 or less	No adjustment
greater than 600	12 basis points[4]

[1] Negative revenue adjustments relating to the Gas Safety Performance metrics in this section shall not exceed 150 basis points in any calendar year, unless and until changed by the Commission.

[2] The 255 mile replacement target established below, for the three-year period 2017 to 2019, does not remain in effect beyond 2019. However, the miles of main removal per year will increase by five (5) miles per year until reaching a level of one hundred (100) miles per year and then remain at that level, unless and until changed by the Commission .

[3] These are defined in Company specification G-11809.

[4] The basis point negative revenue adjustment associated with each measure is stated on a pre-tax basis. The revenue requirement equivalent of a basis point on common equity capital per the gas revenue requirements under this

2018	
550 or less	No adjustment
greater than 550	12 basis points
2019	
500 or less	No adjustment
greater than 500	12 basis points

b. Emergency Response - 30 Minute Response Time

If Con Edison does not respond to gas leak or odor calls within 30 minutes for at least 75 percent of the calls for Rate Years 2017, 2018 and 2019, a negative revenue adjustment of 6 basis points will be accrued on the Company's books for the benefit of firm customers for each Rate Year that the performance measures are not attained, as directed by the Commission.

The Company may seek the following exclusion to operating performance under this measure:

> Gas leak and odor calls resulting from mass area odor complaints (unrelated to Company action/inaction or infrastructure) where the Company receives 10 odor complaints or more within any one hour period for the duration of the mass area odor.

Con Edison shall provide notification to safety@dps.ny.gov within seven (7) days of such event that the Company is seeking Staff’s consent to the exclusion. Staff will respond within thirty (30) days stating whether it consents or does not consent to the requested exclusion.[5]

Proposal is estimated to be $400,000 in RY1, $440,000 in RY2 and $490,000 in RY3.

[5] This exclusion, as well as the right to petition the Commission pursuant to the General Provisions section below, also applies to the 45-Minute Response Time and 60-Minute Response Time measures.

c. Emergency Response - 45 Minute Response Time

If Con Edison does not respond to gas leak or odor calls within 45 minutes for at least 90 percent of the calls for Rate Years 2017, 2018 and 2019, a negative revenue adjustment of 4 basis points will be accrued on the Company's books for the benefit of firm customers for each Rate Year that the performance measures are not attained, as directed by the Commission.

d. Emergency Response - 60 Minute Response Time

If Con Edison does not respond to gas leak or odor calls within 60 minutes for at least 95 percent of the calls for Rate Year 2017, 2018 and 2019, a negative revenue adjustment of 2 basis points will be accrued on the Company's books for the benefit of firm customers for each Rate Year that the performance measures are not attained, as directed by the Commission.

e. Damage Prevention

All damages will be tracked, measured and counted following the guidelines for the data reported for the Annual Gas Safety Performance Measures report.

f. Damages to Gas Facilities Resulting from Mismarks

If the total number of damages to Company gas facilities resulting from mismarks made by the Company and its contractors with respect to the location of Company gas facilities exceeds the targets set forth below per 1,000 one-call tickets[6] in Rate Years 2017, 2018 and 2019, the negative revenue adjustment associated with such targets will be accrued on the Company's books for the benefit of firm customers for each Rate Year that the performance measure noted below is not attained, as directed by the Commission.

<u>2017</u>

0.53 or less	No adjustment
greater than 0.53	7 basis points

<u>2018</u>

0.50 or less	No adjustment
greater than 0.50	7 basis points

<u>2019</u>

0.47 or less	No adjustment
greater than 0.47	7 basis points

In the event the Company does not make a base rate filing seeking new rates to go into effect on January 1, 2020, the following target will apply after December 31, 2019, until changed by the Commission:

0.44 or less	No adjustment
greater than 0.44	7 basis points

g. Damages by Company Employees and Company Contractors

If the total number of damages to Company gas facilities made by Company employees and Company contractors exceeds the targets set forth below per 1,000 one-call tickets in Rate Years 2017, 2018 and 2019, the negative revenue adjustment associated with such target will be accrued on the Company's books for the benefit of firm customers for each Rate Year that the

[6] For the purposes of this section, one-call tickets are defined as locate requests involving a work area in the Company's Bronx, Queens, Manhattan and Westchester service territory only.

performance measure noted below is not attained, as directed by the Commission.

<u>2017</u>	
0.34 or less	No adjustment
greater than 0.34	7 basis points
<u>2018</u>	
0.31 or less	No adjustment
greater than 0.31	7 basis points
<u>2019</u>	
0.28 or less	No adjustment
greater than 0.28	7 basis points

h. Total Damages

If the number of total damages to Company gas facilities made by any party exceeds the targets set forth below per 1,000 one-call tickets in Rate Years 2017, 2018 and 2019, the negative revenue adjustment associated with such target will be accrued on the Company's books for the benefit of firm customers for each Rate Year that the performance measure noted below is not attained, as directed by the Commission.

<u>2017</u>	
1.94 or less	No adjustment
greater than 1.94	4 basis points
<u>2018</u>	
1.92 or less	No adjustment
greater than 1.92	4 basis points
<u>2019</u>	
1.90 or less	No adjustment
greater than 1.90	4 basis points

2. **<u>Gas Main Replacement</u>**

The Company will remove from service 255 miles of 12-inch and under cast iron and unprotected steel gas main during the three Rate Year period 2017 to 2019. The Company will remove a minimum of 80 miles in 2017, 85 miles in 2018 and 90 miles in 2019. The Company will remove from service segments identified under its Main Replacement Program (“MRP”) model of at least: 70 miles in 2017, 75 miles in 2018 and 80 miles in 2019. During the term of this rate plan, the Company will work to incorporate pipe diameters above 12-inch into the MRP model.

For each Rate Year, no more than 10 miles of leak-prone gas main removed from service from other programs (*e.g.*, oil-to-gas conversions) will be counted towards the annual performance target.

If the Company does not meet the annual target for removal of leak-prone gas main in 2017, 2018 or 2019, the Company will accrue on the Company's books of account a negative revenue adjustment equivalent to 8 basis points for such Rate Year(s), which will be applied to the benefit of firm customers, as directed by the Commission.

If the Company does not remove from service a total of 255 miles of leak prone pipe over the three-year period 2017 through 2019, a negative revenue adjustment equivalent to 24 basis points will be accrued on the Company's books for the benefit of firm service customers; provided, however, if the Company incurs a negative revenue adjustment in any Rate Year, the 24 basis point negative revenue adjustment will be reduced by the negative revenue adjustment incurred for that year(s).

3. **<u>Gas Regulations Performance Measure</u>**

This metric applies to instances of noncompliance (violations) with the gas safety regulations set forth below that are identified in Staff field and records audits. The categorization of violations hereunder as “High” or “Other” Risk is for administrative purposes of this metric only and do not constitute an admission by the Company as to the level of risk associated with any such regulation or the violation thereunder or that there is any risk associated with a violation.

Only violations identified and included in Staff field and record audit letters may be counted for purposes of this metric. At the conclusion of each audit, Staff and the Company will have a compliance meeting where Staff will present its findings to the Company, including which violation(s), if any, that Staff recommends be subject to this metric. The Company will have five (5) business days from the date of the compliance meeting to cure any identified document deficiency. Only official Company records, as defined in the Company's Operating and Maintenance plan, will be considered by Staff as a cure to a document deficiency. Violations that encompass more than one code section shall only count as one occurrence for this metric.[7]

Negative revenue adjustments, if any, would be applied as set forth in the following chart:

High Risk	**Other Risk**
RY1 – 1-20 (1/4 BP); 21-40 (1/2 BP); 41+ (1 BP) RY2 – 1-17 (1/4 BP); 18-33 (1/2 BP); 34+ (1 BP) RY3 – 1-13 (1/4 BP); 14-27 (1/2 BP); 28+ (1 BP)	RY1 – 1-45(1/9 BP); 46+ (1/3 BP) RY2 – 1-38 (1/9 BP); 39+ (1/3 BP) RY3 – 1-32 (1/9 BP); 33+ (1/3 BP)

In the event the Company does not make a base rate filing for new rates to go into effect on January 1, 2020, the following targets will be applied beginning on January 1, 2020, and remain in effect until changed by the Commission:

[7] However, this is without prejudice to a penalty action under the Public Service Law for any violation not counted under this metric.

High Risk	Other Risk
RY4 – 1-10 (1/4 BP); 11-20 (1/2 BP); 21+ (1 BP)	RY4 – 1-25 (1/9 BP); 26+ (1/3 BP)

The annual thresholds for negative revenue adjustments set forth above assume future Staff field and record audits consistent with audits conducted during the last five years.

Any negative revenue adjustments assessed under this metric shall not exceed 100 basis points for 2017, 2018 and 2019 and subsequent years unless and until changed by the Commission. For any code section (including subparts to a code section), the number of violations will be capped at ten for the negative revenue adjustment determination with the requirement that violations in excess of ten be addressed by a corrective action plan formally submitted to Staff by the Company to achieve compliance going forward. The corrective action plan will be provided in the Company's response to the audit letter.

Audits of liquefied natural gas ("LNG") facilities under Part 193 shall be included under this performance measure. The following Subparts of Part 193 are not applicable to the Company's operations: Part 193 - Subparts 2001, 2005, 2007, 2009, 2013, 2501, 2601, 2701, and 2901. The following Subparts of Part 193 shall be classified as "Other Risk" violations: Part 193 -Subparts 2011, 2521, 2607, 2627, 2629, 2631, 2633, 2639, 2703, 2711, 2719, and 2917. The remaining Subparts under Part 193 shall be classified as "High Risk."

This metric will be effective as of January 1, 2017, and will be measured on a calendar year basis. Violations/occurrences shall count in the year that the subject activity took place. For example, mapping errors that occurred prior to the Rate Year that is the subject of the audit would not be counted as a violation for that year. With respect to violations, only documentation or actions performed, or required to be documented or performed, on or after the date of the Commission's approval of the Joint Proposal will constitute an occurrence under the metric. Violations that initially occur before 2017, but continue into 2017, will be subject to this measure, for example, if a leak repair is performed in December 2016 and a follow-up inspection is required by December 28, 2016, but is not performed until January 2017, that would be a continuing violation that could count towards the 2017 performance measure.

Staff will submit its final audit reports to the Secretary under Case 16-G-0061. If the Company disputes any of Staff's final audit results, the Company may appeal Staff's findings to the Commission. If the Company elects to dispute any of Staff's findings, the Company will not incur a negative revenue adjustment on those Staff findings until such time as the Commission has issued a final decision on the Company's appeal. Upon Company request, the Commission may in its discretion, provide the Company with an evidentiary hearing prior to any final determination. The Company does not waive its right to seek judicial appeal of any Commission determination regarding a violation or penalty under applicable law.

4. **General Provisions**

The Company will report its annual performance in each of the areas set forth in this Appendix to the Secretary no later than sixty (60) days following the end of each calendar year. If a performance metric is not met, the associated negative revenue adjustment will be excused when the Company can demonstrate to the Commission extenuating circumstance that prevented the Company from meeting such performance metric. The determination of whether such circumstances exist will be made on a case-by-case basis by the Commission.

5. **Customer Satisfaction**

The levels of the Company's customers' satisfaction will be determined by surveys performed semi-annually by an outside vendor selected by the Company. The surveys, which will be the same surveys used in the current gas rate plan, will measure customers' satisfaction with the handling of calls to the Gas Emergency Response Center relating to gas service. Should the average of the two system-wide satisfaction survey indices for any Rate Year fall below 88.1 percent, Con Edison will provide a credit to customers, as directed by the Commission. The gross amount of the credit will be calculated proportionately from zero at a satisfaction level of 88.1 percent or above, up to a maximum of $3.3 million at a satisfaction level of 87.5 percent or below. System-wide emergencies will not be included in the surveys conducted under this provision.

Con Edison will submit reports on its performance of the customer satisfaction surveys twice a year following performance of each survey. The second report will also provide information for the annual period and, if applicable, any credit due customers.

Positive Rate Adjustments

1. **Leak Management/Main Replacement**

a. Leak Management - Year-End Total Backlog

The Company shall receive a positive revenue adjustment, up to an annual maximum of 5 basis points, for eliminating the highest volume Type 3 leaks below the total leak backlog (Type 1, 2, 2A and 3) annual goals of 600 in 2017, 550 in 2018 and 500 in 2019. The listing of Type 3 leaks is to be established from a leak record data based ranking by the Company until methane emissions prioritization methodology ranking is provided. When methane emissions prioritization methodology ranking is provided, the remaining leaks to be eliminated on the Company list will be replaced by the remaining leaks (from highest to lowest) on the methane emissions prioritization methodology provider's list. If 28 of the top 30 highest volume Type 3 leaks (highest to lowest) are eliminated from the year-end backlog (after adding back in failed rechecks), Company will earn 1 basis point; if 56 of the top 60 leaks are eliminated, Company will earn 2 basis points; if 84 of the top 90 leaks are eliminated, 3 basis points; if 112 of the top 120 leaks are eliminated, Company will earn 4 basis points; and if 140 of the list of 150 leaks are eliminated, the Company will earn 5 basis points. To the extent the Type 3 leak backlog is below 150, the difference between 150 and the actual Type 3 leak backlog will count towards the Company's efforts to achieve each of the aforementioned targets under this incentive.

b. <u>Gas Main Replacement</u>

In the event the Company replaces or eliminates leak-prone pipe in excess of 80 miles in Rate Year 2017, 85 miles in Rate Year 2018, and/or 90 miles in Rate Year 2019, for each whole mile in excess of the calendar year target plus one whole mile, the Company shall receive a positive revenue adjustment of 2 basis points per additional whole mile, capped at a maximum of 10 basis points (five miles) per calendar year.

The Table below shows the basis points available for different mileages of Leak Prone Pipe replaced in each Rate Year. At the conclusion of this rate plan, the RY3 targets will continue to be in effect until the Company's next rate plan.

Basis Points Incentive If The Miles of LPP Replacement Is:					
Year	2	4	6	8	10
RY1	82-83	83-84	84-85	85-86	86+
RY2	87-88	88-89	89-90	90-91	91+
RY3	92-93	93-94	94-95	95-96	96+

Case 16-G-0061 Summary CECONY Gas Safety Metrics

			CY17			CY18			CY19			CYs Post Rate Plan		
GAS SAFETY METRIC	**Criteria**	**Unit**	**Basis Points**	**Annual Limit**	**Target**	**Basis Points**	**Annual Limit**	**Target**	**Basis Points**	**Annual Limit**	**Target**	**Basis Points**	**Annual Limit**	**Target**
LEAK BACKLOG	Total of Type 1, 2 and 2A	-	-	12	-	-	12	-	-	12	-	-	12	-
	Total of Type 1, 2, 2A and 3	-	12		600	12		550	12		500	12		500
LEAK PRONE PIPE	Total Replacement Min.	miles	8	8	80	8	8	85	8	8	90	8	8	90+5 to 100
	Total Three Year Replacement		-		-	-		-	24		255	-		-
EMERGENCY RESPONSE TIME	30 minutes	%	6	12	75	6	12	75	6	12	75	6	12	75
	45 minutes	%	4		90	4		90	4		90	4		90
	60 minutes	%	2		95	2		95	2		95	2		95
SAFETY VIOLATION OCCURRENCES (ANNUAL RECORD AND FIELD AUDIT)	High Risk (for each up to)	-	1/4 per	100	20	1/4 per	100	17	1/4 per	100	13	1/4 per	100	10
	High Risk (for each up to)	-	1/2 per		40	1/2 per		33	1/2 per		27	1/2 per		20
	High Risk (for each above)	-	1 per			1 per			1 per			1 per		
	Other Risk (for each up to)	-	1/9 per		45	1/9 per		38	1/9 per		32	1/9 per		25
	Other Risk (for each above)	-	1/3 per			1/3 per			1/3 per			1/3 per		
DAMAGE PREVENTION (PER 1000 ONE-CALL TICKETS)	Overall	-	4	18	1.94	4	18	1.92	4	18	1.90	4	18	1.90
	Mismark	-	7		0.53	7		0.50	7		0.47	7		0.44
	CECONY or CECONY Contractor	-	7		0.34	7		0.31	7		0.28	7		0.28
Total Annual Limit				150			150			150			150	

HIGH RISK SECTIONS PART 255		
ACTIVITY TITLE	CODE SECTION	RISK FACTOR
Material - General	255.53(a),(b),(c)	HIGH
Transportation of Pipe	255.65	HIGH
Pipe Design - General	255.103	HIGH
Design of Components - General Requirements	255.143	HIGH
Design of Components - Flexibility	255.159	HIGH
Design of Components - Supports and anchors	255.161	HIGH
Compressor Stations: Emergency shutdown	255.167	HIGH
Compressor Stations: Pressure limiting devices	255.169	HIGH
Compressor Stations: Ventilation	255.173	HIGH
Valves on pipelines to operate at 125 psig or more	255.179	HIGH
Distribution line valves	255.181	HIGH
Vaults: Structural Design requirements	255.183	HIGH
Vaults: Drainage and waterproofing	255.189	HIGH
Protection against accidental overpressuring	255.195	HIGH
Control of the pressure of gas delivered from high pressure distribution systems	255.197	HIGH
Requirements for design of pressure relief and limiting devices	255.199	HIGH
Required capacity of pressure relieving and limiting stations	255.201	HIGH
Qualification of welding procedures	255.225	HIGH
Qualification of Welders	255.227	HIGH
Protection from weather	255.231	HIGH
Miter Joints	255.233	HIGH
Preparation for welding	255.235	HIGH
Inspection and test of welds	255.241(a),(b)	HIGH
Nondestructive testing-Pipeline to operate at 125 PSIG or more	255.243(a)-(e)	HIGH
Welding inspector	255.244(a),(b),(c)	HIGH
Repair or removal of defects	255.245	HIGH
Joining Of Materials Other Than By Welding - General	255.273	HIGH
Joining Of Materials Other Than By Welding - Copper Pipe	255.279	HIGH
Joining Of Materials Other Than By Welding - Plastic Pipe	255.281	HIGH
Plastic pipe: Qualifying persons to make joints	255.285(a),(b),(d)	HIGH
Notification requirements	255.302	HIGH
Compliance with construction standards	255.303	HIGH
Inspection: General	255.305	HIGH
Inspection of materials	255.307	HIGH
Repair of steel pipe	255.309	HIGH
Repair of plastic pipe	255.311	HIGH
Bends and elbows	255.313(a),(b),(c)	HIGH
Wrinkle bends in steel pipe	255.315	HIGH

HIGH RISK SECTIONS PART 255		
ACTIVITY TITLE	**CODE SECTION**	**RISK FACTOR**
Installation of plastic pipe	255.321	HIGH
Underground clearance	255.325	HIGH
Customer meters and service regulators: Installation	255.357(d)	HIGH
Service lines: Installation	255.361(e),(f),(g),(h),(i)	HIGH
Service lines: Location of valves	255.365(b)	HIGH
External corrosion control: Buried or submerged pipelines installed after July 31, 1971	255.455(d),(e)	HIGH
External corrosion control: Buried or submerged pipelines installed before August 1, 1971	255.457	HIGH
External corrosion control: Protective coating	255.461(c)	HIGH
External corrosion control: Cathodic protection	255.463	HIGH
External corrosion control: Monitoring	255.465(a),(e)	HIGH
Internal corrosion control: Design and construction of transmission line	255.476(a),(c)	HIGH
Remedial measures: General	255.483	HIGH
Remedial measures: transmission lines	255.485(a),(b)	HIGH
Strength test requirements for steel pipelines to operate at 125 PSIG or more	255.505(a),(b),(c),(d)	HIGH
General requirements (UPGRADES)	255.553 (a),(b),(c),(f)	HIGH
Upgrading to a pressure of 125 PSIG or more in steel pipelines	255.555	HIGH
Upgrading to a pressure less than 125 PSIG	255.557	HIGH
Conversion to service subject to this Part	255.559(a)	HIGH
General provisions	255.603	HIGH
Operator Qualification	255.604	HIGH
Essentials of operating and maintenance plan	255.605	HIGH
Change in class location: Required study	255.609	HIGH
Damage prevention program	255.614	HIGH
Emergency Plans	255.615	HIGH
Customer education and information program	255.616	HIGH
Maximum allowable operating pressure: Steel or plastic pipelines	255.619	HIGH
Maximum allowable operating pressure: High pressure distribution systems	255.621	HIGH
Maximum and minimum allowable operating pressure: Low pressure distribution systems	255.623	HIGH
Odorization of gas	255.625(a),(b)	HIGH
Tapping pipelines under pressure	255.627	HIGH
Purging of pipelines	255.629	HIGH
Control Room Management	255.631(a)	HIGH
Transmission lines: Patrolling	255.705	HIGH
Leakage Surveys - Transmission	255.706	HIGH
Transmission lines: General requirements for repair procedures	255.711	HIGH

HIGH RISK SECTIONS PART 255		
ACTIVITY TITLE	CODE SECTION	RISK FACTOR
Transmission lines: Permanent field repair of imperfections and damages	255.713	HIGH
Transmission lines: Permanent field repair of welds	255.715	HIGH
Transmission lines: Permanent field repair of leaks	255.717	HIGH
Transmission lines: Testing of repairs	255.719	HIGH
Distribution systems: Leak surveys and procedures	255.723	HIGH
Compressor stations: procedures	255.729	HIGH
Compressor stations: Inspection and testing relief devices	255.731	HIGH
Compressor stations: Additional inspections	255.732	HIGH
Compressor stations: Gas detection	255.736	HIGH
Pressure limiting and regulating stations: Inspection and testing	255.739(a),(b)	HIGH
Regulator Station Overpressure Protection	255.743(a),(b)	HIGH
Transmission Line Valves	255.745	HIGH
Prevention of accidental ignition	255.751	HIGH
Protecting cast iron pipelines	255.755	HIGH
Replacement of exposed or undermined cast iron piping	255.756	HIGH
Replacement of cast iron mains paralleling excavations	255.757	HIGH
Leaks: Records	255.807(d)	HIGH
Leaks: Instrument sensitivity verification	255.809	HIGH
Leaks: Type 1	255.811(b),(c),(d),(e)	HIGH
Leaks: Type 2A	255.813(b),(c),(d)	HIGH
Leaks: Type 2	255.815(b),(c),(d)	HIGH
Leak Follow-up	255.819(a)	HIGH
High Consequence Areas	255.905	HIGH
Required Elements (IMP)	255.911	HIGH
Knowledge and Training (IMP)	255.915	HIGH
Identification of Potential Threats to Pipeline Integrity and Use of the Threat Identification in an Integrity Program (IMP)	255.917	HIGH
Baseline Assessment Plan(IMP)	255.919	HIGH
Conducting a Baseline Assessment (IMP)	255.921	HIGH
Direct Assessment (IMP)	255.923	HIGH
External Corrosion Direct Assessment (ECDA) (IMP)	255.925	HIGH
Internal Corrosion Direct Assessment (ICDA) (IMP)	255.927	HIGH
Confirmatory Direct Assessment (CDA) (IMP)	255.931	HIGH
Addressing Integrity Issues (IMP)	255.933	HIGH
Preventive and Mitigative Measures to Protect the High Consequence Areas (IMP)	255.935	HIGH
Continual Process of Evaluation and Assessment (IMP)	255.937	HIGH
Reassessment Intervals (IMP)	255.939	HIGH
General requirements of a GDPIM plan	255.1003	HIGH

HIGH RISK SECTIONS PART 255		
ACTIVITY TITLE	**CODE SECTION**	**RISK FACTOR**
Implementation requirements of a GDPIM plan.	255.1005	HIGH
Required elements of a GDPIM plan.	255.1007	HIGH
Required report when compression couplings fail.	255.1009	HIGH
Requirements a small liquefied petroleum gas (LPG) operator must satisfy to implement a GDPIM plan	255.1015	HIGH

HIGH RISK SECTIONS PART 261		
ACTIVITY TITLE	**CODE SECTION**	**RISK FACTOR**
Operation and maintenance plan	261.15	HIGH
Leakage Survey	261.17(a),(c)	HIGH
Carbon monoxide prevention	261.21	HIGH
Warning tag procedures	261.51	HIGH
HEFPA Liaison	261.53	HIGH
Warning Tag Inspection	261.55	HIGH
Warning tag: Class A condition	261.57	HIGH
Warning tag: Class B condition	261.59	HIGH

OTHER RISK SECTIONS PART 255		
ACTIVITY TITLE	CODE SECTION	RISK FACTOR
Preservation of records	255.17	OTH
Compressor station: Design and construction	255.163	OTH
Compressor station: Liquid removal	255.165	OTH
Compressor stations: Additional safety equipment	255.171	OTH
Vaults: Accessibility	255.185	OTH
Vaults: Sealing, venting, and ventilation	255.187	OTH
Calorimeter or calorimeter structures	255.190	OTH
Design pressure of plastic fittings	255.191	OTH
Valve installtion in plastic pipe	255.193	OTH
Instrument, control, and sampling piping and components	255.203	OTH
Limitations On Welders	255.229	OTH
Quality assurance program	255.230	OTH
Preheating	255.237	OTH
Stress relieving	255.239	OTH
Inspection and test of welds	255.241(c)	OTH
Nondestructive testing-Pipeline to operate at 125 PSIG or more	255.243(f)	OTH
Plastic pipe: Qualifying joining procedures	255.283	OTH
Plastic pipe: Qualifying persons to make joints	255.285(c)(e)	OTH
Plastic pipe: Inspection of joints	255.287	OTH
Bends and elbows	255.313(d)	OTH
Protection from hazards	255.317	OTH
Installation of pipe in a ditch	255.319	OTH
Casing	255.323	OTH
Cover	255.327	OTH
Customer meters and regulators: Location	255.353	OTH
Customer meters and regulators: Protection from damage	255.355	OTH
Customer meters and service regulators: Installation	255.357(a)-(c)	OTH
Customer meter installations: Operating pressure	255.359	OTH
Service lines: Installation	255.361(a), (b), (c), (d)	OTH
Service lines: valve requirements	255.363	OTH
Service lines: Location of valves	255.365(a), (c)	OTH
Service lines: General requirements for connections to main piping	255.367	OTH
Service lines: Connections to cast iron or ductile iron mains	255.369	OTH
Service lines: Steel	255.371	OTH
Service lines: Cast iron and ductile iron	255.373	OTH
Service lines: Plastic	255.375	OTH
Service lines: Copper	255.377	OTH
New service lines not in use	255.379	OTH
Service lines: excess flow valve performance standards	255.381	OTH
External corrosion control: Buried or submerged pipelines installed after July 31, 1971	255.455 (a)	OTH
External corrosion control: Examination of buried pipeline when exposed	255.459	OTH
External corrosion control: Protective coating	255.461(a), (b), (d), (e), (f), (g)	OTH

OTHER RISK SECTIONS PART 255		
ACTIVITY TITLE	**CODE SECTION**	**RISK FACTOR**
External corrosion control: Monitoring	255.465 (b)(c)(d)(f)	OTH
External corrosion control: Electrical isolation	255.467	OTH
External corrosion control: Test stations	255.469	OTH
External corrosion control: Test lead	255.471	OTH
External corrosion control: Interference currents	255.473	OTH
Internal corrosion control: General	255.475(a)(b)	OTH
Atmospheric corrosion control: General	255.479	OTH
Atmospheric corrosion control: Monitoring	255.481	OTH
Remedial measures: transmission lines	255.485(c)	OTH
Remedial measures: Pipelines lines other than cast iron or ductile iron lines	255.487	OTH
Remedial measures: Cast iron and ductile iron pipelines	255.489	OTH
Direct Assessment	255.490	OTH
Corrosion control records	255.491	OTH
General requirements (TESTING)	255.503	OTH
Strength test requirements for steel pipelines to operate at 125 PSIG or more	255.505 (e),(h), (i)	OTH
Test requirements for pipelines to operate at less than 125 PSIG	255.507	OTH
Test requirements for service lines	255.511	OTH
Environmental protection and safety requirements	255.515	OTH
Records (TESTING)	255.517	OTH
Notification requirements (UPGRADES)	255.552	OTH
General requirements (UPGRADES)	255.553 (d)(e)	OTH
Conversion to service subject to this Part	255.559(b)	OTH
Change in class location: Confirmation or revision of maximum allowable operating pressure	255.611(a), (d)	OTH
Continuing surveillance	255.613	OTH
Odorization	255.625 (e)(f)	OTH
Pipeline Markers	255.707(a),(c),(d),(e)	OTH
Transmission lines: Record keeping	255.709	OTH
Distribution systems: Patrolling	255.721(b)	OTH
Test requirements for reinstating service lines	255.725	OTH
Inactive Services	255.726	OTH
Abandonment or inactivation of facilities	255.727(b)-(g)	OTH
Compressor stations: storage of combustible materials	255.735	OTH
Pressure limiting and regulating stations: Inspection and testing	255.739 (c), (d)	OTH
Pressure limiting and regulating stations: Telemetering or recording gauges	255.741	OTH
Regulator Station MAOP	255.743 (c)	OTH
Service Regulator - Min.& Oper. Load, Vents	255.744	OTH
Distribution Line Valves	255.747	OTH
Valve maintenance: Service line valves	255.748	OTH
Regulator Station Vaults	255.749	OTH
Caulked bell and spigot joints	255.753	OTH
Reports of accidents	255.801	OTH
Emergency lists of operator personnel	255.803	OTH

OTHER RISK SECTIONS PART 255		
ACTIVITY TITLE	**CODE SECTION**	**RISK FACTOR**
Leaks General	255.805 (a), (b), (e), (g), (h)	OTH
Leaks: Records	255.807(a)-(c)	OTH
Type 3	255.817	OTH
Interruptions of service	255.823 (a)-(b)	OTH
Logging and analysis of gas emergency reports	255.825	OTH
Annual Report	255.829	OTH
Reporting safety-related conditions	255.831	OTH
General (IMP)	255.907	OTH
Changes to an Integrity Management Program (IMP)	255.909	OTH
Low Stress Reassessment (IMP)	255.941	OTH
Measuring Program Effectiveness (IMP)	255.945	OTH
Records (IMP)	255.947	OTH
Records an operator must keep	255.1011	OTH

OTHER RISK SECTIONS PART 261		
ACTIVITY TITLE	**CODE SECTION**	**RISK FACTOR**
High Pressure Piping - Annual Notice	261.19	OTH
Warning tag: Class C condition	261.61	OTH
Warning tag: Action and follow-up	261.63(a)-(h)	OTH
Warning Tag Records	261.65	OTH

Appendix 17 -- Customer Service Performance Mechanism

Consolidated Edison Company of New York, Inc.
Cases 16-E-0060, 16-G-0061
Customer Service Performance Mechanism

The Customer Service Performance Mechanism ("CSPM") described herein will be in effect for the term of the Rate Plan and thereafter unless and until changed by the Commission.

a. Operation of Mechanism

The CSPM establishes threshold performance levels for designated aspects of customer service. The threshold performance levels are detailed on page 6 of this Appendix. Failure by the Company to achieve the specified targets will result in a revenue adjustment of up to $40 million annually. All revenue adjustments related to the CSPM will be deferred for the benefit of customers.

b. Exclusions

Abnormal operating conditions are deemed to occur during any period of emergency, catastrophe, strike, natural disaster, major storm, or other unusual event not in the Company's control affecting more than 10 percent of the customers in an operating area during any month. A major storm will have the same definition as set forth in 16 NYCRR Part 97.

i) In the event abnormal operating conditions in one (1), two (2) or three (3) of the Company's six operating areas affect the Company's ability to perform any activity that is part of this CSPM, the data for the operating area(s) experiencing the abnormal operating conditions will be omitted from the calculation and the Company's results for any activity that is part of the CSPM that is affected by such abnormal operating conditions will be measured only by the data from the other operating area(s) for the period of the abnormal operating conditions.

ii) If abnormal operating conditions occur in more than three operating areas so that monthly results cannot be measured for a given activity, the month will be eliminated in the calculation of the actual annual average performance for that activity.

iii) In the event that abnormal operating conditions affecting the Company's ability to perform a given activity occur in more than three operating areas for an entire Rate Year, the activity will be inapplicable in that Rate Year and the associated revenue adjustment amount for that activity will also be inapplicable in that Rate Year.

iv) If changes in Company operations render it impractical to continue to measure performance in any activity, the measurement method and/or threshold standard will be revised or an alternative method or activity selected for the remainder of the period during which this CSPM is operative. Any such modifications must be mutually agreed to by Staff and the Company in writing. In the event Staff and the Company cannot agree to a modification, the revenue adjustment amount associated with the activity that can no longer be measured will be reallocated among the other activities for the remainder of the period during which this CSPM is operative.

c. Reporting

The Company will prepare an annual report on its performance that will be filed with the Secretary by March 1 following each Rate Year. Each report will state: (i) any changes anticipated to be implemented in the following measurement period in any activity reflected in this Proposal, (ii) a summary of the effect of any of the exclusions described herein and/or any significant changes in operations which led to the reported performance level during the measurement period; and (iii) whether a revenue adjustment is applicable, and if so, the amount of the revenue adjustment. The Company will maintain sufficient records to support such reports.

d. Threshold Standards

The Company's threshold performance will be measured based on the Company's cumulative monthly performance for each Rate Year for the following four activities, except as otherwise noted.

i) Commission Complaints

Con Edison's Commission complaint performance measure will be the 12-month complaint rate per 100,000 customers as reported by the Office of Consumer Services each year for the 12-month period ending in December, based on the number of complaints received. The net number of customers used to determine the complaint rate will include only metered account customers (i.e., will not include sub-metered or master-metered consumers). A complaint is a contact by a customer, applicant, or customer's or applicant's agent that follows a contact with the Company about the issue of concern as to which the Company, having been given a reasonable opportunity to address the matter, has not satisfied the customer. The issue of concern must be one within the Company's responsibility and control, including an action, practice or conduct of the Company or its employees, not matters within the responsibility or control of an alternative service provider. Complaints resulting from the price of electric energy and capacity or the operation of the Company's MSC and that do not otherwise present just cause for charging a complaint against the Company will not be counted as complaints for the purposes of the CSPM. One or more contacts by a rate consultant raising the same issue as to more than one account, whether such contacts are made at the same time or different times, will not be counted as more than one complaint if the issue is under consideration by the Department or the Commission and no Company deficiency is found. Contacts by customers about the Shared Meter Law will not be complaints if the contact is about the requirements of the Shared Meter Law and no Company deficiency is found. The annual report filed by the Company shall provide an accounting, without identifying specific customer information (*e.g.*, by listing complaints by reference number, without providing customer names), of any complaints that the Company believes should not be counted due to the provisions of this paragraph, and state the resulting adjusted Commission Complaint rate.

ii) **Call Answer Rate**

"Call Answer Rate" is the percentage of calls answered by a Company representative within thirty (30) seconds of the customer's request to speak to a representative between the hours of 9:00 AM and 5:00 PM Monday through Friday (excluding holidays). The performance rate is the sum of the system-wide number of calls answered by a representative within thirty (30) seconds divided by the sum of the system-wide number of calls answered by representatives.

iii) **Satisfaction of Callers, Visitors, and Emergency Contacts**

The average of the satisfaction index ratings on the semi-annual surveys (conducted during the second and fourth quarters) of emergency callers (electric only), Customer Experience Center (formerly referred to as Call Center callers (non-emergency)), and Service Center and Walk-in Center visitors, separately conducted by Communication Research Associates or another professional survey organization during each Rate Year. The Company shall notify Staff of any process instituted by the Company to change its survey contractor. The Company shall notify Staff at least six (6) months prior to making any material change to its survey questionnaire or survey methodologies. The Parties acknowledge that issues related to utility customer satisfaction surveys are being addressed in Case 15-M-0566, *In the Matter of Revisions to Customer Service Performance Indicators Applicable to Gas and Electric Corporations*.

iv) **Outage Notification**

The specific activities for communicating with customers, the public, and other external interests during defined electric service outage events remain as described by the Commission in Case 00-M-0095.[1] For each activity noted in that Order, performance that fails to meet the applicable threshold performance standard will result in a revenue adjustment at twice the level set forth in that Order (e.g, for each failure to complete a communication activity within the required time, the negative adjustment would be increased from $150,000 to $300,000). The overall amount at risk for Outage Notification ($8 million, established in Case 07-E-0523) shall remain unchanged.

[1] Case 00-M-0095, Joint Petition of Consolidated Edison, Inc. and Northeast Utilities for Approval of a Certificate of Merger, with All Assets Being Owned by a Single Holding Company, *Order Approving Outage Notification Incentive Mechanism* (issued April 23, 2002)

Customer Service Performance Mechanism
Incentive Targets

Indicator	Maximum Revenue Adjustment	Threshold Level	Revenue Adjustment
Commission Complaints	$ 9 million	</ = 2.1	N/A
		>2.1-</=2.4	$2,000,000
		>2.4-</=2.7	$5,000,000
		>2.7	$9,000,000
	$18 million		
Customer Satisfaction Surveys Emergency Calls (electric only)	$6 million	>/=84.2	N/A
		<84.2->/=81.2	$1,500,000
		<81.2->/=78.2	$3,000,000
		<78.2	$6,000,000
Customer Satisfaction Survey of Phone Center Callers (non-emergency)	$6 million	>/=87.8	N/A
		<87.8->/=85.8	$1,500,000
		<85.8->/=83.8	$3,000,000
		<83.8	$6,000,000
Customer Satisfaction Survey of Service Center Visitors	$6 million	>/=88.1	N/A
		<88.1->/=86.1	$1,500,000
		<86.1->/=84.1	$3,000,000
		<84.1	$6,000,000
Outage Notification	$ 8 million	Communication Timeliness; Communication Content	$300,000 per communication activity
Call Answer Rate	$ 5 million	>/=66.0%	N/A
		<66%->/=64.2%	$1,000,000
		<64.2%->/=62.5%	$2,000,000
		<62.5%->/=60.7%	$4,000,000
		<60.7%	$5,000,000

Appendix 18 -- AMI Metrics

Appendix 18 - Advanced Metering Infrastructure (AMI) Scorecard / Metrics

Category	Service/Function	Metric	Description	Target	Report Start Date	Update Frequency
Customer Engagement	Energy Savings Messages / Tools	Customers using the AMI Portal	Percentage of customers in each region with AMI meters that log on to usage/analytics page (available via web, mobile web, tablet or apps) at least once during the reporting period, broken down by service class and low income / non-low income. Baseline established based on data from at least the first 6 months of deployment in each region. Improvement measured against regional baselines each reporting period. Additional reporting (no targets established): Percentage of customers that logged on more than once during each reporting period.	To be set once-baseline has been established for each region, and following Staff review.	4/30/2018	Semi annual
		Customers targeted with energy saving messaging	Percentage of customers with AMI meter at least 30 days that are targeted during the reporting period with messages regarding their energy savings tools, personalized usage and/or savings tips. Data broken out by low income and non-low income. Additional reporting (no targets established): If possible, Company will track and report for each reporting period the number of customers that use the online portal once they receive targeted messaging.	Percentage of customers that will be targeted will be established after Staff review and prior to initial report on 4/30/2018.	4/30/2018	Semi annual
		Near-Real Time Data	Number of customers with an AMI meter that have access to near real-time data via the web, mobile web, tablet or apps.	Starting at end of 3Q2018, 99% of meters deployed will be presented with near real time data. Refer to roll-out plan for quantities on a quarterly basis.	4/30/2019	Semi annual
	Awareness / Education	Customer Awareness of AMI*	Customer awareness of AMI technology, features and benefits, measured by surveys of customers in each region. Baseline established on a regional basis prior to roll-out of AMI in each area (March 2017 for Staten Island). Subsequent progress ("check-in surveys") measured semi-annually, beginning at least 6 months after the beginning of deployment, through the end of roll-out in each region. Check-in surveys will draw from customers with AMI meters only. In the post-deployment surveys, the Company will measure low-income awareness. See Note 3 below.	To be set for each region following baseline surveys that will be done three months prior to-the deployment. Staff will review.	4/30/2018	Semi annual

Category	Service/Function	Metric	Description	Target	Report Start Date	Update Frequency
Customer Engagement	Awareness / Education	Targeted Energy Forum	Con Edison hosted forums where the Company will provide in-depth information on the AMI plan, features, and benefits.	2 per region. Staff will review.	4/30/2018	Annual
	Green Button Connect My Data	Green Button Connect My Data	Number of customers who share their data via GBC in the reporting period plus number of customers that continue to share based on elections made in a prior period. Establish baseline using calendar year 2018 data.	To be set once baseline has been established, and following Staff review.	4/30/2019	Semi annual
	TOU (Time of Use) and TVP (Time Variable Pricing) tariffs	Customer Adoption of Time-Variant Rates	Number of customers with AMI meters that adopt a TOU or TVP tariff, expressed as a number and percentage of each by rate (e.g., Electric SC1 Rate III, Electric SC2 Rate II, pilot rates, etc.). The Company will document the number of customers on existing TOU or TVP rates prior to the start of AMI roll-out, for comparison purposes.	Company will report this information for tracking purposes only.	4/30/2018	Semi annual
	Community Outreach	Community Organization Events	Number of organizational events attended where information on AMI plan, features, and benefits would be presented.	20 presentations per year. With a minimum of 4 per region in each year until the conclusion of deployment in that region.	4/30/2018	Semi annual
Billing	Billing	Estimated Bills	Percentage of bills that were estimated for accounts with AMI meters during the reporting period.	< 1.5 % of bills will be estimated for customers with AMI	4/30/2018	Semi annual
Outage Management	Power Quality	Proactive power quality issue identification	Reduction in truck rolls due to power quality complaints.	500 per year after full deployment of AMI in 2022.	4/30/2018	Annual
	False Outages	Number of false outages resolved through AMI	Number of false outages that were found through AMI that Company did not have to send a crew or call to confirm.	9000 per year once AMI is fully deployed in 2022.	4/30/2018	Annual
	Meter Reading Costs	Reduction in manual meter operations costs	Track avoided meter operations O&M costs and report.	In accordance with O&M reductions filed in the 2016 Rate Case.	4/30/2018	Annual
	Environmental benefits resulting from less vehicle usage	Reduction in vehicle fuel consumption and vehicle emissions	Reduction in vehicle fuel consumption and vehicle emissions due to reduction in manual meter reading costs, reduction in false outages and reduction in number of field visits during outages to confirm a customer has power.	This goal will be aligned with the information provided in the November 2015 Business Plan on tons of carbon avoided.	4/30/2018	Annual

Category	Service/Function	Metric	Description	Target	Report Start Date	Update Frequency
System Operation and Environmental Benefits	Conservation Voltage Optimization (CVO)-Networks	Number of networks deployed with CVO	Number of networks with AMI deployed and have implemented CVO.	Substation voltage schedules will be updated to incorporate the AMI feedback loop within one year following the installation of all AMI meters associated with that station. Note that for this reason, kWH reductions noted below cannot be reported on until mid-2019.	10/31/2018	Semi annual
	Conservation Voltage Optimization (CVO)-KWh savings	Quantify kWh savings attributed to CVO	Quantify kWh savings attributed to CVO.	Goal is 1.5% energy savings based on calculations verified using a similar measurement and verification process as used for Brooklyn/Queens Demand Management project, subject to future changes in load composition.	10/31/2019	Annual
	Conservation Voltage Optimization (CVO)-Environmental benefits	Environmental benefits due to CVO	Provide total fuel consumption savings and corresponding emissions reductions.	By the end of 2022, reduction in fossil fuel consumption resulting in CO_2 emission reductions of 229,000 metric tons in the CECONY service area and 369,000 metric tons in all of New York State annually, subject to changes in generation fuel mix and imports/exports with neighboring pools.	10/31/2019	Annual
AMI Meter Deployment	Number of AMI meters installed	Number of AMI meters installed	Provide the number and percentage of AMI meters installed and working by borough and in Westchester. Information will be provided on a quarterly basis.	See Note 4 for target.	4/30/2018	Semi annual

<u>Note 1</u> : Twelve months after AMI installation has been completed in each region, the Company will perform a survey to examine the link, if any, between AMI deployment and Distributed Energy Resource adoption. Results of this study will be provided at the next scheduled reporting interval.

<u>Note 2</u> : The Company will file two reports in each calendar year, six months apart, with the Secretary to the Commission. The reports will contain Con Edison's eligibility for an Earnings Adjustment Mechanism (EAM) and Scorecard information. Information regarding the Company's eligibility for the EAM will be included in the report submitted after the post-deployment survey results are available; and this report will (1) provide the results from the customer surveys and (2) identify whether an earnings adjustment is applicable and the amount of the earnings adjustment.
All reports will no longer be required following the last reporting interval after completion of the AMI deployment.
<u>Note 3</u> : In the post-deployment survey performed for each region, the Company will measure low income customer awareness. Results will be provided at the next scheduled reporting interval.

<u>Note 4</u> : AMI Rollout Plan from Con Edison's November 2015 Benefit Cost Analysis spreadsheet, with exception for Westchester which has been accelerated from what was proposed in November 2015 Benefit Cost Analysis spreadsheet.

AMI Meter Deployment (000s)							
Quarter/Year	Staten Island	Westchester	Brooklyn	Manhattan	Bronx	Queens	Total
Q3 2017	32						32
Q4 2017	60	30					90
Q1 2018	60	60					120
Q2 2018	30	90	30				150
Q3 2018		90	60	30			180
Q4 2018		90	90	60			240
Q1 2019		90	90	90	30		300
Q2 2019		90	90	90	60		330
Q3 2019		40	90	120	75	5	330
Q4 2019		25	90	120	75	30	340
Q1 2020			90	120	75	60	345
Q2 2020			90	90	75	90	345
Q3 2020			90	90	75	90	345
Q4 2020			90	90	75	90	345
Q1 2021			60	60	75	150	345
Q2 2021			18	60	75	150	303
Q3 2021			6	60	75	150	291
Q4 2021			4	30	22	150	206
Q1 2022				30		40	70
Q2 2022				4		4	8
Total	182	605	988	1144	787	1009	4715

Appendix 19 -- Electric Revenue Allocation and Rate Design

Consolidated Edison Company of New York, Inc.

Case 16-E-0060

<u>Electric Revenue Allocation and Rate Design</u>

Revenue Allocation

Based on a three-year rate plan, the delivery revenue change for each Rate Year includes: (1) changes in delivery related revenues, e.g., total T&D revenue, including certain items related to the Monthly Adjustment Clause ("MAC"), competitive and non-competitive amounts; (2) a decrease in the MAC revenue requirement (Rate Year 1 only); (3) a change in the purchased power working capital component of the Merchant Function Charge ("MFC"); (4) an increase in the T&D delivery revenue to offset the reduction in the TCC imputation (Rate Year 1 only); (5) incremental program costs related to system peak reduction, energy efficiency above Efficiency Transition Implementation Plan ("ETIP") and Electric Vehicles ("EV") Programs (herein referred to as "New Programs"); and (6) an increase in delivery revenue to offset the projected decrease in revenue associated with the Low-Income Program and Reconnection Fee Waiver Program (Rate Year 1 only). The T&D delivery revenue change, including program costs related to the New Programs and incremental Low-Income Program and Reconnection Fee Waiver costs, was allocated to Con Edison customers and NYPA delivery service. The decrease in the MAC revenue requirement for Rate Year 1 was allocated to Con Edison full service and retail access customers. The change to the purchased power working capital is allocable only to Con Edison full service customers. The increase in the T&D delivery revenues related to the TCC imputation change is allocable only to Con Edison full service and retail access customers. Costs related to the New Programs are allocated to Con Edison and NYPA in the following manner: (1) 100% of energy efficiency and 95% of system peak reduction and EV program costs are allocated to Con Edison full service and retail access customers; and (2) 5% of system peak reduction and EV program costs are allocated to NYPA.

The Rate Year T&D delivery revenue change, less gross receipts taxes, for each Rate Year was allocated among the classes in four steps:

<u>Step 1: Revenue Realignment</u>

Con Edison and NYPA T&D delivery revenues were realigned in each Rate Year to address one-third of the revenue surpluses/deficiencies resulting from the Company's 2013 Embedded Cost of Service ("ECOS") study before applying the otherwise applicable revenue changes. The specific revenue adjustments are set forth in Table 1 to this Appendix.

Surplus classes are SC 6, SC 9 Rate I and SC 9 Rate II. Deficient classes are SC1, SC 2, SC5 Rate I and SC5 Rate II, SC 8 Rates I and II, and SC 12 Rates I. SC 12 Rate II is an average class (i.e., neither surplus nor deficient).

The revenue surpluses/deficiencies resulting from the 2013 ECOS study applicable to each customer class are shown on Table 1. The revenue surpluses/deficiencies are shown on Column (2) of Table 2 of this Appendix and were added to the bundled T&D revenue before the revenue change to establish the re-aligned bundled T&D revenue (Column (3) of Table 2).

Step 2: Allocation of T&D Revenue Change

The Rate Year T&D delivery revenue change was adjusted for changes to: (1) the MAC revenue requirement; (2) purchased power working capital, excluding GRT; (3) the TCC imputation; (4) the costs related to the New Programs; and (5) incremental costs associated with the Low Income Programs including the Reconnection Fee Waiver Program. The resultant Rate Year T&D related delivery revenue increase was then allocated as a uniform percentage increase to Con Edison and NYPA classes in proportion to their respective re-aligned bundled T&D revenues ((Column (3) of Table 2), with a final adjustment made to each class's T&D related delivery revenue change to reflect the ECOS revenue adjustments from Step 1. The portion of the New Program costs assigned to Con Edison is allocated to Con Edison full service and retail access customers in proportion to their respective re-aligned bundled T&D delivery revenues. The New Program costs assigned to each class including NYPA (Column (4b) (Rate Year 1 only) and Column (4a) (Rate Years 2 and 3) of Table 2) is then added to the class T&D related delivery revenue change (Column (4) of Table 2). The revenue increase associated with the TCC imputation change is allocable solely to Con Edison full service and retail access customers based on each class's pro rata share of bundled T&D delivery revenues as shown in Column 4a of Table 2 (Rate Year 1 only). The resultant total T&D delivery changes are shown in Column 5 of Table 2.

For Rate Year 1, the $7.2 million increase in the level of discounts associated with the change in the Low Income Program, as explained in the Proposal, was allocated to Con Edison classes and NYPA based on each class's pro rata share of bundled T&D delivery revenues. The incremental cost associated with the low income reconnection fee waivers reflected in the revenue allocation is $47,000 and includes recovery of the estimated annual reconnection fee waiver costs in excess of the costs at the current level (i.e., $547,000 less $500,000).

Step 3: Allocation of MAC Decrease and Changes to Purchased Power Working Capital

The impacts of the changes to the MAC revenue requirement (Rate Year 1 only) and Purchased Power Working Capital component of the MFC are shown in Columns (7a) and (7b), respectively, of Table 2 (pages 1, 2 and 3). The per kWh decrease in the MAC revenue requirement and the per kWh change in the Purchased Power Working Capital component of the MFC do not vary by customer class. The MAC decrease is applicable to Con Edison full service and retail access customers and the Purchased Power Working Capital component is applicable only to Con Edison full service customers.

Step 4: Total Class Revenue Change

The total revenue changes in Rate Years 1, 2 and 3 for each class are equal to the sum of each item described in Steps 2 and 3 (i.e., Column (8) in Table 2).

For Con Edison customers, the delivery revenue changes assigned to each class for the historic period were determined in three steps. First, the T&D delivery revenue change for each Rate Year was allocated among non-competitive revenues, customer charge revenues, reactive power demand charge revenues and competitive revenues. Customer charges for SCs 1, 2 and 6 were kept at their current levels as discussed in the Rate Design section of this Appendix. The Rate Year "non-competitive delivery revenue change" for each class was determined by adjusting the total Rate Year T&D related delivery revenue change allocated to each class by the changes in competitive service revenues, customer charge revenues (no changes in this case except for standby rates) and reactive power demand charge revenues for each class. Second, non-competitive T&D delivery revenue changes for each class were restated for the historic period (i.e., the twelve months ended December 31, 2013), the period for which detailed billing data were available. Revenue ratios were developed for each class by dividing the Rate Year non-competitive T&D revenues, less customer charge revenue, for each class by the historic period non-competitive T&D revenues, less customer charge revenue, for each class at the current rate level. For NYPA, the Rate Year T&D change was divided by the applicable revenue ratio to determine the rate change applicable for the historical period. Third, the revenue ratio for each class was applied to the Rate Year "non-competitive delivery revenue change" for each class to determine each class's "non- competitive delivery revenue change" for the historic period.

A summary of revenue impacts by class, on a delivery-only and total-bill basis for each of the Rate Years, is shown on Table 2a.

Rate Design

Revenue Neutral Rate Changes at Current (1/1/2016) Rate Level

Prior to adjusting delivery rates to reflect the rate changes allocated to the service classes for each Rate Year, demand and energy charges were redesigned revenue neutral to the January 1, 2016 rate level to better align revenues with costs for some of the demand-billed classes as described below.

A. Shift of Five Percent of Usage Revenues into Demand Revenues
Demand and energy rates were redesigned to reflect revenue neutral changes to shift five percent of usage revenues into demand revenues for Rate I of SCs 5, 8, 9 and 12.

B. Adjustment to High Tension and Low Tension Differentials
The high tension and low tension differential refers to the annualized high tension and low tension demand rates for demand billed customers compared with the high tension and low tension costs based on the 2013 ECOS study. For each Rate Year, Demand rates were redesigned, revenue neutral to the January 1, 2016 rate level, to adjust the high tension and low tension differentials for Rate I of SCs 5 and 12, Rate II of SCs 8 and 12, and NYPA. Demand rates were redesigned for these service

classes to eliminate one-third of the difference between: (1) annualized high tension rates over low tension rates relationship reflected in the January 1, 2016 rate level, and (2) high tension and low tension unit costs relationship for each of the Rate Years (i.e., address one third in Rate Year 1, plus one third in each of Rate Years 2 and 3).
A summary of the adjustments to the high tension and low tension differentials is shown on Table 3.

<u>Design of Rates to Collect Change in Revenue Requirement</u>

A. Non-Competitive Con Edison T&D Delivery Rates

1. In Rate Years 1, 2 and 3, the customer charges for SCs 1, 2 and 6, including voluntary time-of-day ("VTOD") rates, were kept at the current levels with the exception of customer charges for SC 2 unmetered service, which were reduced by $4.41 to reflect the removal of SC 2's allocated portion of metering costs in the 2013 ECOS study. Usage charges for all SC 2 customers were increased to offset the resulting revenue shortfall.

2. The per kWh charges in SC 1 Residential and Religious (Rate I), SC 2 General Small (Rate I) and the per kWh charges in SC 6 were changed to recover the entire non-competitive T&D delivery revenue requirement net of customer charge revenue, assigned to each respective rate class.

3. Voluntary TOD rates for SC 1 Rate II were designed to recover the overall SC 1 non-competitive delivery revenue requirement. Such rates were designed to be revenue neutral, i.e., the rates yield the same level of service class revenues that the Company would receive under the proposed conventional rates. The off-peak Domestic Hot Water Storage rate (Special Provision D) for SC1 Rate II was set equal to the SC 1 Rate II off-peak energy delivery rates.

4. Similar to SC 1 Rate II, Voluntary TOD rates for SC1 Rate III were designed to recover the overall SC 1 non-competitive delivery revenue requirement on a revenue-neutral basis.

5. Consistent with past practice, voluntary TOD rates for SC 2 Rate II were designed to recover the overall SC 2 non-competitive T&D related delivery revenue requirement. The rates were designed to be revenue neutral, i.e., the rates yield the same level of service class revenues that the Company would receive under the proposed conventional rates.

6. The revenue neutral redesigned demand charges of Rate I of SCs 5, 8, 9 and 12 were changed to recover the entire overall non-competitive T&D delivery revenue requirement applicable to each class. The minimum charges for Rate I of SCs 5, 8 and 12 demand rates were increased by five percent before the application of the non-competitive T&D rate percentage. The per kWh charges

for Rate I of SCs 5, 8, 9 and 12 were kept at the revenue neutral level (i.e., January 1, 2016 rate level) redesigned to reflect the shift of 5% usage revenues into demand revenues.

7. For SC 12 conventional customers billed for energy only (i.e., SC 12 Rate I), the per kWh charges and the minimum charge were increased by the non-competitive T&D delivery rate percentage change applicable to SC 12 (Rate I) customers. For SC 12 Rate III, rates are set equal to SC 2 Rate II rates.

8. The mandatory TOD rates for SC 5, 8, and 9, 12, and 13 and the voluntary TOD rates for SC 8, 9, and 12, were developed to collect the revised revenue requirement applicable to these classes solely through changes in demand charges. The per kWh rates were maintained at the current rate levels and set equal across classes for all three Rate Years. The demand rates of Rate II of SCs 5, 9 and 13 were set to recover the non-competitive revenue requirement for each of these classes. The redesigned demand rates of Rate II of SCs 8 and 12, adjusted to reflect the revenue neutral adjustment of the high tension and low tension differential for each of the Rate Years, were changed to recover the entire non-competitive revenue requirement for each of these classes for each Rate Year. Voluntary TOD rates were designed to recover the applicable class revenue requirement of all customers not billed under mandatory TOD rates.

9. Standby rates were developed consistent with the Commission's Opinion 01-04, Opinion and Order Approving Guidelines for the Design of Standby Service Rates, issued and effective October 26, 2001 ("Standby Rates Order") in Case 99-M-1470. In accordance with the standby rate guidelines, rates were developed for each standby class to be revenue neutral at the revised revenue level. The Standby Rates Order (p. 7) defines revenue neutral to mean that "the full service class (not any individual customer) would contribute the same revenues if the full class was priced under either the standard service class rates or the standby rates (given the historic usage patterns of the customers in that class)." The standby rates for SC 9 customers that are eligible for station-use rates (e.g., wholesale generators) taking service through the Company's distribution system were determined by removing the transmission component from the matrix contained in Appendix A of the PSC's Order of July 29, 2003, in Case 02-E-0781. Standby rates for SC 13 (Rate II) were developed by increasing the current rates by the non-competitive T&D delivery revenue percentage increase applicable to SC 13 Rate I.

10. The rates under Rider I – Experimental Rate Program for Multiple Dwellings were updated to recognize the SC 8 standby rates on which these rates are based.

11. The customer charges and distribution contract demand charges in SC 11 Buy-Back Service were set equal to the customer charges and contract demand charges of the standby rates for the respective class. In addition, the SC 11 and

other classes' reactive power charges applicable to induction generators were increased to the same level ($1.97 per billable kVar).

B. Design of NYPA Delivery Rates

After adjusting for any high tension and low tension differential on a revenue neutral basis as described above, Rate I and Rate II charges under the P.S.C. No. 12 delivery service rate schedule were changed by the overall T&D delivery revenue percentage change applicable to NYPA. Reactive power charges, including those applicable to induction generators, were increased to $1.97, the same as the rate set for Con Edison customers. Consistent with the standby rate guidelines, Rate III and IV rates were developed for each class within the NYPA tariff to be revenue neutral at the proposed revenue level, i.e., Rates III and IV were developed to produce the same delivery revenues as the equivalent non-standby rates.

C. Competitive Delivery Rates

Competitive delivery rates for Con Edison customers, i.e., the MFC and competitive metering charges, including the credit and collection ("C&C") related component of the Purchase of Receivables Discount Rate, were set in each Rate Year to reflect the revenue requirement for each Rate Year. Competitive metering credits applicable to NYPA were also adjusted to reflect the revenue requirement for each Rate Year. The MFC for Con Edison customers consists of two components: a supply-related component, including a purchased power working capital component, and a C&C related component. There were separate MFCs calculated for (1) SC 1 customers, (2) SC 2 customers, and (3) all other customers.

i. For each Rate Year, revised revenue levels for the MFC supply-related and C&C related components were based on percentages of delivery revenue as determined in the 2013 ECOS study. The resulting revenue requirement was then divided by the Rate Year full service customer sales in each group to determine the $/kWh supply-related portion of the MFC for each service class.

ii. The Rate Year revenue requirement for the C&C related component of the MFC was developed by multiplying the total Con Edison T&D Rate Year delivery revenue requirement by the percentage represented by C&C related costs for each group, inclusive of C&C costs attributable to the Purchase of Receivable ("POR") Discount Rate. The total Rate Year C&C related revenue requirement was split between full service and POR customers based on the respective split of full service and POR forecasted Rate Year kWh sales. The C&C related rate component to be recovered through the MFC from full service customers was then determined by dividing their share of the C&C related Rate Year revenue requirement for each group by the corresponding forecasted Rate Year kWh sales.

iii. The C&C related rate component to be recovered through the POR discount rate was set in each Rate Year to reflect the calculated portion of total C&C costs attributable to POR customers, the estimated Rate Year POR kWh sales, and the forecasted level of POR supply costs in the Rate Year.

iv. The proposed rate associated with the purchased power working capital component of the MFC was computed by dividing the purchased power working capital requirement for each Rate Year by forecasted Rate Year full-service customers' sales to derive a per kWh charge that was added to the applicable competitive supply related MFC component for each service group.

v. Competitive metering services recognize separate costing functions consisting of meter ownership, meter data service provider and combined meter service provider and meter installation costs. The Rate Year revenue requirements for the charges for meter ownership, meter services, and meter data services in each class eligible for competitive metering (i.e., SCs 5, 8, 9, 12 and 13 conventional demand-billed accounts) were developed similar to the Rate Year revenue requirement for the MFC components. The meter ownership, meter data service provider and combined meter service provider and meter installation costs applicable to Rate II of SC 5, 8, 9 and Rate I of SC 13 were changed by the overall Con Edison T&D average percent change. To calculate the $ per bill charges, the revenue requirements determined for each Rate Year were divided by each eligible class's annual number of bills. The metering charges for Rider M – Day Ahead Hourly Pricing customers were changed by the overall Con Edison T&D average percentage rate change in each Rate Year.

vi. The billing and payment processing charge applicable to Con Edison customers were maintained at the current level of $1.20 per bill. For customers with a combined electric and gas account, the portion of the charge applicable to electric service remains at $1.20 less the amount applicable to gas service (e.g., $0.60). Likewise, ESCOs pay $1.20 per bill per account, unless a customer has two separate ESCOs. In that case, the charge to the electric ESCO is $1.20 less the charge applicable to the gas ESCO (e.g., $0.60).

CASE 16-E-0060
Consolidated Edison Company of New York, Inc.
Embedded Cost-of-Service Study Results
For the Year 2013
Table 1A

	Service Classification	Initial Adjusted Surplus/Deficiency* ($000)	RY 1 Phase-in Surplus/Deficiency* ($000)	RY 1 Adjusted Surplus/Deficiency* ($000)	RY 2 Phase-in Surplus/Deficiency* ($000)	RY 2 Adjusted Surplus/Deficiency* ($000)	RY 3 Phase-in Surplus/Deficiency* ($000)
		(1)	(2) = (1) / 3	(3) = (1) - (2)	(4) = (1) / 3	(5) = (3) - (4)	(6) = (1) / 3
	NYPA	(5,209)	(1,736)	(3,473)	(1,736)	(1,737)	(1,737)
	Individual CECONY Classes						
SC 1	Residential	(37,334)	(12,445)	(24,889)	(12,445)	(12,444)	(12,444)
SC 2	General Small	(3,996)	(1,332)	(2,664)	(1,332)	(1,332)	(1,332)
SC 5	Traction	(10)	(3)	(7)	(3)	(4)	(4)
SC 5	TOD	(31)	(10)	(21)	(10)	(11)	(11)
SC 6	Street Lighting	321	107	214	107	107	107
SC 8	Apt. House	(1,646)	(549)	(1,097)	(549)	(548)	(548)
SC 8	TOD	(148)	(49)	(99)	(49)	(50)	(50)
SC 9	General Large	11,485	3,828	7,657	3,828	3,829	3,829
SC 9	TOD	37,038	12,346	24,692	12,346	12,346	12,346
SC 12	Apt. House Htg.	(470)	(157)	(313)	(157)	(156)	(156)
SC 12	TOD	0	0	0	0	0	0
	TOTAL CECONY CLASSES	5,209	1,736	3,473	1,736	1,737	1,737
	TOTAL SYSTEM	0	0	0	0	0	0

* Deficiencies shown as negative

Case No. 16-E-0060
Consolidated Edison Company of New York, Inc.
Estimated T&D Revenues for Rate Year Ending December 31, 2017
Levelized

Proposed Rate Increase in Bundled Delivery Rev Requirement for RY - Incl. GRT (b)	**$199,034,000**
Proposed Rate Increase in Bundled Delivery Rev Requirement for RY - Excl. GRT	**$193,959,000**
Adjustment to Bundled Delivery Revenue Requirement for RY - Excl. GRT	
MAC Change (Retained Generation)	$19,744,000
Purchase Power Working Capital Change	$10,470,171
Reconnection Fees Waiver for Low Income Program	$47,000
Additional Discount for Low Income Program	$7,200,000
TCC Imputation	-$15,000,000
New Program Costs	-$3,156,406
Total Adjustment	$19,304,765
T&D Related Delivery Revenue Increase	**$213,263,765**
Proposed % Rate Increase	4.31052546%

	RY Ending 12/31/2017 Bundled T&D Revenue at 1/1/16 Rate Level (a)	RY Deficiency /(Surplus)	Re-Aligned Bundled T&D Revenues at 1/1/16 Rate Level	Proposed RY Levelized Rate Increase Allocated to All Customers	Changes in TCC Imputation	Total New Program Costs allocable to CONED and NYPA	Levelized RY Total T&D Increase Including Deficiency /(Surplus) (b)	RY Total T&D % Rate Increase RY1 vs. Current	RY Target Bundled T&D Revenue at 1/1/2017 Rate Level (c)	Proposed RY MAC Increase Applicable to CECONY Customers	Proposed RY PPWC Change Applicable to CECONY Full Service Customers	Proposed RY Low Income Program Impact	RY Total Rate Increase Excl GRT
	(1)	(2)	(3)=(1)+(2)	(4)=(3)* 4.31052546%	(4a)	(4b)	(5)=(2)+(4)+(4a)+(4b)	(5a)=(5)/(1)	(6)=(1)+(5)	(7a)	(7b)	(7c)	(8)=(5)+ Σ[(7a)~(7c)]
SC1	$1,937,961,430	$12,445,000	$1,950,406,430	$84,072,766	$6,694,207	$1,346,691	$104,558,664	5.395291%	$2,042,520,094	-$6,108,855	-$5,981,033	-$7,247,000	$85,221,776
SC2	$356,751,240	$1,332,000	$358,083,240	$15,435,269	$1,229,017	$247,245	$18,243,531	5.113796%	$374,994,771	-$990,358	-$818,066	$0	$16,435,107
SC5 Rate I	$89,873	$3,000	$92,873	$4,003	$319	$64	$7,386	8.218264%	$97,259	-$430	-$538	$0	$6,418
SC5 Rate II	$3,128,000	$10,000	$3,138,000	$135,264	$10,770	$2,167	$158,201	5.057577%	$3,286,201	-$49,840	$0	$0	$108,361
SC6	$2,079,857	-$107,000	$1,972,857	$85,041	$6,771	$1,362	-$13,826	-0.664757%	$2,066,031	-$3,867	-$4,844	$0	-$22,537
SC8 Rate I&III	$137,748,811	$549,000	$138,297,811	$5,961,362	$474,667	$95,490	$7,080,519	5.140167%	$144,829,330	-$779,826	-$236,270	$0	$6,064,423
SC8 Rate II	$8,626,000	$49,000	$8,675,000	$373,938	$29,774	$5,990	$458,702	5.317668%	$9,084,702	-$58,433	$0	$0	$400,269
SC9 Rate I&III	$1,426,299,121	-$3,828,000	$1,422,471,121	$61,315,980	$4,882,222	$982,169	$63,352,371	4.441731%	$1,489,651,492	-$7,876,891	-$3,194,764	$0	$52,280,716
SC9 Rate II	$477,170,556	-$12,346,000	$464,824,556	$20,036,381	$1,595,376	$320,946	$9,606,703	2.013264%	$486,777,259	-$3,724,691	-$201,287	$0	$5,680,725
SC12 Rate I&III	$9,005,682	$157,000	$9,162,682	$394,960	$31,448	$6,327	$589,735	6.548477%	$9,595,417	-$65,308	-$18,299	$0	$506,128
SC12 Rate II	$11,316,444	$0	$11,316,444	$487,798	$38,840	$7,814	$534,452	4.722791%	$11,850,896	-$82,924	-$15,070	$0	$436,458
SC13	$1,919,000	$0	$1,919,000	$82,719	$6,586	$1,325	$90,630	4.722772%	$2,009,630	-$2,578	$0	$0	$88,052
CECONY	$4,372,096,014	-$1,736,000	$4,370,360,014	$188,385,481	$14,999,997	$3,017,590	$204,667,068	4.681212%	$4,576,763,082	-$19,744,001	-$10,470,171	-$7,247,000	$167,205,896
NYPA	$575,416,000	$1,736,000	$577,152,000	$24,878,284	$0	$138,818	$26,753,102	4.649350%	$602,169,102				$26,753,102
CECONY	$4,372,096,014	-$1,736,000	$4,370,360,014	$188,385,481	$14,999,997	$3,017,590	$204,667,068	4.681212%	$4,576,763,082	-$19,744,001	-$10,470,171	-$7,247,000	$167,205,896
Total	**$4,947,512,014**	**$0**	**$4,947,512,014**	**$213,263,765**	**$14,999,997**	**$3,156,408**	**$231,420,170**	**4.677506%**	**$5,178,932,184**	**-$19,744,001**	**-$10,470,171**	**-$7,247,000**	**$193,958,998**

Notes: (a) Excludes current Low Income Program credits of $48.00 million (i.e., $47.50 million of low income rate reductions and $500,000 of waived reconnection fees) for SC1 and PPWC.
(b) Excludes the proposed incremental Low Income Program credits of $7.247 million (i.e. $7.2 million of incremental low income rate reduction and $47,000 incremental waived reconnection fees).
(c) Excludes the proposed Low Income Program credits of $55.247 million for SC1 (i.e., $54.7 million of low income rate reductions and $547,000 of waived reconnection fees).

Case No. 16-E-0060
Consolidated Edison Company of New York, Inc.
Estimated T&D Revenues for Rate Year Ending December 31, 2018
Levelized

	RY2 Ending 12/31/2018 Bundled T&D Revenue at 1/1/16 Rate Level (a)	Proposed Total T&D % Rate Increase Effective 1/1/2017	RY2 Ending 12/31/2018 Bundled T&D Revenue at 1/1/17 Rate Level (b)	RY2 Deficiency /(Surplus)	Re-Aligned Bundled T&D Revenue at 1/1/17 Rate Level	Proposed RY2 Levelized Rate Increase Allocated to All Customers	RY 2 Total New Program Costs allocable to CONED and NYPA	Levelized RY2 Total T&D Increase Including Deficiency /(Surplus) (b)	RY2 Total T&D % Rate Increase RY2 vs. RY1	RY2 Target Bundled T&D Revenue at 1/1/2018 Rate Level (c)	Proposed RY2 MAC Increase Applicable to CECONY Customers	Proposed RY2 PPWC Change Applicable to CECONY Full Service Customers	Proposed RY2 Low Income Program Impact	RY2 Total Rate Increase Excl GRT
	(1a)	(1b)	(1)=(1a)*((1+(1b)	(2)	(3)=(1)+(2)	(4)=(3)* 3.57779598%	(4a)	(5)=(2)+(4)+(4a)	(5a)=(5)/(1)	(6)=(1)+(5)	(7a)	(7b)	(7c)	(8)=(5)+ Σ[(7a)~(7c)]
Proposed Rate Increase in Bundled Delivery Rev Requirement for RY - Incl. GRT (b)						**$199,034,000**								
Proposed Rate Increase in Bundled Delivery Rev Requirement for RY - Excl. GRT						**$193,959,000**								
Adjustment to Bundled Delivery Revenue Requirement for RY - Excl. GRT														
MAC Change (Retained Generation)						$0								
Purchase Power Working Capital Change						$219,590								
Reconnection Fees Waiver for Low Income Program						$0								
Additional Discount for Low Income Program						$0								
New Program Costs						-$6,891,664								
Total Adjustment						-$6,672,074								
T&D Related Delivery Revenue Increase						**$187,286,926**								
Proposed % Rate Increase						3.57779598%								
SC1	$1,965,677,920	5.395291%	$2,071,731,964	$12,445,000	$2,084,176,964	$74,567,600	$3,019,226	$90,031,826	4.345728%	$2,161,763,790	$0	-$125,442	$0	$89,906,384
SC2	$362,177,006	5.113796%	$380,697,999	$1,332,000	$382,029,999	$13,668,254	$553,425	$15,553,679	4.085569%	$396,251,678	$0	-$16,965	$0	$15,536,714
SC5 Rate I	$89,873	8.218264%	$97,259	$3,000	$100,259	$3,587	$145	$6,732	6.921724%	$103,991	$0	-$11	$0	$6,721
SC5 Rate II	$3,137,000	5.057577%	$3,295,656	$10,000	$3,305,656	$118,270	$4,789	$133,059	4.037406%	$3,428,715	$0	$0	$0	$133,059
SC6	$2,083,857	-0.664757%	$2,070,004	-$107,000	$1,963,004	$70,232	$2,844	-$33,924	-1.638837%	$2,036,080	$0	-$99	$0	-$34,023
SC8 Rate I&III	$139,750,874	5.140167%	$146,934,302	$549,000	$147,483,302	$5,276,652	$213,650	$6,039,302	4.110206%	$152,973,604	$0	-$5,184	$0	$6,034,118
SC8 Rate II	$9,023,000	5.317668%	$9,502,813	$49,000	$9,551,813	$341,744	$13,837	$404,581	4.257487%	$9,907,394	$0	$0	$0	$404,581
SC9 Rate I&III	$1,435,418,311	4.441731%	$1,499,175,731	-$3,828,000	$1,495,347,731	$53,500,491	$2,166,223	$51,838,714	3.457814%	$1,551,014,445	$0	-$66,604	$0	$51,772,110
SC9 Rate II	$477,518,698	2.013264%	$487,132,410	-$12,346,000	$474,786,410	$16,986,889	$687,795	$5,328,684	1.093888%	$492,461,094	$0	-$4,622	$0	$5,324,062
SC12 Rate I&III	$8,997,809	6.548477%	$9,587,028	$157,000	$9,744,028	$348,621	$14,116	$519,737	5.421253%	$10,106,765	$0	-$364	$0	$519,373
SC12 Rate II	$11,224,571	4.722791%	$11,754,684	$0	$11,754,684	$420,559	$17,028	$437,587	3.722661%	$12,192,271	$0	-$298	$0	$437,289
SC13	$1,916,000	4.722772%	$2,006,488	$0	$2,006,488	$71,788	$2,907	$74,695	3.722674%	$2,081,183	$0	$0	$0	$74,695
CECONY	$4,417,014,919		$4,623,986,338	-$1,736,000	$4,622,250,338	$165,374,687	$6,695,985	$170,334,672	3.683719%	$4,794,321,010	$0	-$219,589	$0	$170,115,083
NYPA	$583,582,000	4.649350%	$610,714,770	$1,736,000	$612,450,770	$21,912,239	$195,679	$23,843,918	3.904264%	$634,558,688				$23,843,918
CECONY	$4,417,014,919		$4,623,986,338	-$1,736,000	$4,622,250,338	$165,374,687	$6,695,985	$170,334,672	3.683719%	$4,794,321,010	$0	-$219,589	$0	$170,115,083
Total	**$5,000,596,919**		**$5,234,701,108**	**$0**	**$5,234,701,108**	**$187,286,926**	**$6,891,664**	**$194,178,590**	**3.709449%**	**$5,428,879,698**	**$0**	**-$219,589**	**$0**	**$193,959,001**

Notes: (a) Excludes current Low Income Program credits of $48.00 million (i.e., $47.50 million of low income rate reductions and $500,000 of waived reconnection fees) for SC1 and PPWC.
(b) Excludes the proposed incremental Low Income Program credits of $7.247 million (i.e. $7.2 million of incremental low income rate reduction and $47,000 incremental waived reconnection fees).
(c) Excludes the proposed Low Income Program credits of $55.247 million for SC1 (i.e., $54.7 million of low income rate reductions and $547,000 of waived reconnection fees).

Case No. 16-E-0060
Consolidated Edison Company of New York, Inc.
Estimated T&D Revenues for Rate Year Ending December 31, 2019
Levelized

	RY3 Ending 12/31/2019 Bundled T&D Revenue at 1/1/16 Rate Level (a)	Proposed Total T&D % Rate Increase Effective 1/1/2017	Proposed Total T&D % Rate Increase Effective 1/1/2018	RY3 Ending 12/31/2019 Bundled T&D Revenue at 1/1/18 Rate Level (b)	RY3 Deficiency /(Surplus)	Re-Aligned Bundled T&D Revenue at 1/1/18 Rate Level	Proposed RY3 Levelized Rate Increase Allocated to All Customers	RY 3 New Program Costs allocable to CONED and NYPA	Levelized RY3 Total T&D Increase Including Deficiency /(Surplus) (b)	RY3 Total T&D % Rate Increase RY3 vs. RY2	RY3 Target Bundled T&D Revenue at 1/1/2019 Rate Level (c)	Proposed RY3 MAC Increase Applicable to CECONY Customers	Proposed RY3 PPWC Change Applicable to CECONY Full Service Customers	Proposed RY3 Low Income Program Impact	RY3 Total Rate Increase Excl GRT
	(1a)	(1b)	(1c)	(1)=(1a)*((1+(1b))*((1+(1c))	(2)	(3)=(1)+(2)	(4)=(3)* 3.29219055%	(4a)	(5)=(2)+(4)+(4a)	(5a)=(5)/(1)	(6)=(1)+(5)	(7a)	(7b)	(7c)	(8)=(5)+ Σ[(7a)~(7c)]
Proposed Rate Increase in Bundled Delivery Rev Requirement for RY - Incl. GRT (b)							**$199,034,000**								
Proposed Rate Increase in Bundled Delivery Rev Requirement for RY - Excl. GRT							**$193,959,000**								
Adjustment to Bundled Delivery Revenue Requirement for RY - Excl. GRT															
MAC Change (Retained Generation)							$0								
Purchase Power Working Capital Change							$580,000								
Reconnection Fees Waiver for Low Income Program							$0								
Additional Discount for Low Income Program							$0								
New Program Costs							-$14,744,186								
Total Adjustment							-$14,164,186								
T&D Related Delivery Revenue Increase							**$179,794,814**								
Proposed % Rate Increase							3.29219055%								
SC1	$1,984,973,020	5.395291%	4.345728%	$2,182,983,679	$12,444,000	$2,195,427,679	$72,277,663	$6,604,057	$91,325,720	4.183527%	$2,274,309,399	$0	-$333,146	$0	$90,992,574
SC2	$366,137,337	5.113796%	4.085569%	$400,584,609	$1,332,000	$401,916,609	$13,231,861	$1,209,004	$15,772,865	3.937462%	$416,357,474	$0	-$44,613	$0	$15,728,252
SC5 Rate I	$89,873	8.218264%	6.921724%	$103,991	$4,000	$107,991	$3,555	$325	$7,880	7.577579%	$111,871	$0	-$29	$0	$7,851
SC5 Rate II	$3,142,000	5.057577%	4.037406%	$3,434,180	$11,000	$3,445,180	$113,422	$10,363	$134,785	3.924809%	$3,568,965	$0	$0	$0	$134,785
SC6	$2,082,857	-0.664757%	-1.638837%	$2,035,103	-$107,000	$1,928,103	$63,477	$5,800	-$37,723	-1.853616%	$1,997,380	$0	-$259	$0	-$37,982
SC8 Rate I&III	$140,656,366	5.140167%	4.110206%	$153,964,771	$548,000	$154,512,771	$5,086,855	$464,789	$6,099,644	3.961714%	$160,064,415	$0	-$13,634	$0	$6,086,010
SC8 Rate II	$9,292,000	5.317668%	4.257487%	$10,202,760	$50,000	$10,252,760	$337,540	$30,841	$418,381	4.100665%	$10,621,141	$0	$0	$0	$418,381
SC9 Rate I&III	$1,432,529,118	4.441731%	3.457814%	$1,547,892,576	-$3,829,000	$1,544,063,576	$50,833,515	$4,644,691	$51,649,206	3.336744%	$1,599,541,782	$0	-$173,103	$0	$51,476,103
SC9 Rate II	$479,468,570	2.013264%	1.093888%	$494,471,980	-$12,346,000	$482,125,980	$15,872,506	$1,450,281	$4,976,787	1.006485%	$499,448,767	$0	-$13,605	$0	$4,963,182
SC12 Rate I&III	$8,850,063	6.548477%	5.421253%	$9,940,810	$156,000	$10,096,810	$332,406	$30,372	$518,778	5.218669%	$10,459,588	$0	-$892	$0	$517,886
SC12 Rate II	$11,025,825	4.722791%	3.722661%	$11,976,391	$0	$11,976,391	$394,286	$36,026	$430,312	3.593002%	$12,406,703	$0	-$719	$0	$429,593
SC13	$1,917,000	4.722772%	3.722674%	$2,082,270	$0	$2,082,270	$68,552	$6,264	$74,816	3.593002%	$2,157,086	$0	$0	$0	$74,816
CECONY	$4,440,164,029			$4,819,673,120	-$1,737,000	$4,817,936,120	$158,615,638	$14,492,813	$171,371,451	3.555665%	$4,991,044,571	$0	-$580,000	$0	$170,791,451
NYPA	$590,038,000	4.649350%	3.904264%	$641,578,627	$1,737,000	$643,315,627	$21,179,176	$251,372	$23,167,548	3.611022%	$664,746,175				$23,167,548
CECONY	$4,440,164,029			$4,819,673,120	-$1,737,000	$4,817,936,120	$158,615,638	$14,492,813	$171,371,451	3.555665%	$4,991,044,571	$0	-$580,000	$0	$170,791,451
Total	**$5,030,202,029**			**$5,461,251,747**	**$0**	**$5,461,251,747**	**$179,794,814**	**$14,744,185**	**$194,538,999**	**3.562169%**	**$5,655,790,746**	**$0**	**-$580,000**	**$0**	**$193,958,999**

Notes: (a) Excludes current Low Income Program credits of $48.00 million (i.e., $47.50 million of low income rate reductions and $500,000 of waived reconnection fees) for SC1 and PPWC.
(b) Excludes the proposed incremental Low Income Program credits of $7.247 million (i.e. $7.2 million of incremental low income rate reduction and $47,000 incremental waived reconnection fees).
(c) Excludes the proposed Low Income Program credits of $55.247 million for SC1 (i.e., $54.7 million of low income rate reductions and $547,000 of waived reconnection fees).

Consolidated Edison Company of New York, Inc.
Case 16-E-0060 - Joint Proposal
Summary of Revenue Increases

Rate Year 1

Levelized

	Current Revenues		RY 1 Increases			Percentage Changes over Current Revenues		
Class	Bundled T&D Revenue at 1/1/16 Rates **Incl.** PPWC & $47.50 MM Low Income Credits and $0.5 M Reconnection Fee Waiver *	Total Bill Incl. MAC, MSC, SBC, 18-A and GRT at 1/1/16 Rates **	RY Total T&D Increase Incl. Low Income Discount, PPWC and MAC Change	RY Total Rate Increase Incl. Incremental Low Income Discount, PPWC, MAC Change due to Retained Generation, Reduction in MAC offsetting change in TCC and TSC Imputation and New MAC charges and NYPA Surcharges Excl. GRT ***	Total Bill Increase Incl. GRT	**T&D** % Increase Incl. Low Income discount and PPWC and MAC Over **RY1** Revenue @1/1/16 Rate Level	**T&D** % Increase Incl. Incremental Low Income discount and PPWC, MAC Change due to Retained Generation,Reduction in the MAC offsetting Changes in TCC and TSC Imputations and New MAC Charges and NYPA Surcharges Over **RY1** Revenue @1/1/16 Rate Level	**Total Bill** % Increase Over **RY1** Revenue @1/1/16 Rate Level
	(1)	(2)	(3)	(4)	(5)=(4)*GRT	(6)=(3)/(1)	(7)=(4)/(1)	(8)=(5)/(2)
SC1	$1,902,819,171	$3,474,966,347	$85,221,776	$80,380,718	$82,484,040	4.5%	4.2%	2.4%
SC2	358,509,880	614,206,876	16,435,107	15,650,282	16,059,803	4.6%	4.4%	2.6%
SC5 Rate I&III	91,030	199,872	6,418	6,078	6,237	7.1%	6.7%	3.1%
SC5 Rate II	3,128,000	15,475,850	108,361	68,864	70,666	3.5%	2.2%	0.5%
SC6	2,090,270	3,120,836	-22,537	-25,601	-26,271	-1.1%	-1.2%	-0.8%
SC8 Rate I&III	138,256,734	334,669,189	6,064,423	5,446,437	5,588,954	4.4%	3.9%	1.7%
SC8 Rate II	8,626,000	23,274,412	400,269	353,963	363,225	4.6%	4.1%	1.6%
SC9 Rate I&III	1,433,167,073	3,415,517,315	52,280,716	46,038,551	47,243,242	3.6%	3.2%	1.4%
SC9 Rate II	477,603,274	1,404,172,297	5,680,725	2,729,035	2,800,446	1.2%	0.6%	0.2%
SC12 Rate I&III	9,045,020	25,411,569	506,128	454,374	466,264	5.6%	5.0%	1.8%
SC12 Rate II	11,348,840	32,115,595	436,458	370,744	380,445	3.8%	3.3%	1.2%
SC13	1,919,000	2,624,940	88,052	86,009	88,260	4.6%	4.5%	3.4%
CECONY Subtotal	$4,346,604,292	$9,345,755,096	$167,205,896	$151,559,454	$155,525,311			
NYPA	$575,416,000	$1,291,113,971	$26,753,102	$26,932,878	$27,637,630	4.6%	4.7%	2.1%
CECONY	4,346,604,292	9,345,755,096	167,205,896	151,559,454	155,525,311	3.8%	3.5%	1.7%
Total	**$4,922,020,292**	**$10,636,869,067**	**$193,958,998**	**$178,492,332**	**$183,162,941**	**3.9%**	**3.6%**	**1.7%**

* Assumes the low income discount level of $47.50 M and $0.5 M Reconnection Fee Waiver. Incudes temporary credit of $47.776 M.
** Assumes the same MSC, MAC, 18-a, SBC factors used in the Company's initial filing. Includes supply estimates for RA customers and NYPA.
*** Excludes changes outside of rate case: (1) decreases to above market costs of NUG/public policy contracts and (2) a decrease in PJM OATT costs in RY 2.

Consolidated Edison Company of New York, Inc.
Case 16-E-0060 - Joint Proposal
Summary of Revenue Increases

Rate Year 2

Levelized

Class	RY 1 Revenues: Bundled T&D Revenue at 1/1/17 Rates Incl. PPWC & $54.7 MM Low Income Credits and $0.547 M Reconnection Fee Waiver *	RY 1 Revenues: Total Bill Incl. MAC, MSC, SBC, 18-A and GRT at 1/1/17 Rates **	RY 2 Increases: RY 2 Total T&D Increase Incl. Low Income Discount, PPWC and MAC Change	RY 2 Increases: RY 2 Total Rate Increase Incl. Incremental Low Income Discount, PPWC, and New MAC Charges and NYPA Surcharges Excl. GRT ***	RY 2 Increases: RY2 Total Bill Increase Incl. GRT	Percent Changes - RY 2 Increases over RY 1 Revenues: **T&D** % Increase Incl. Low Income discount and PPWC and MAC Over **RY2** Revenue @1/1/17 Rate Level	Percent Changes - RY 2 Increases over RY 1 Revenues: **T&D** % Increase Incl. Incremental Low Income discount and PPWC and New MAC Charges and NYPA Surcharges Over **RY 2** Revenue @1/1/17 Rate Level	Percent Changes - RY 2 Increases over RY 1 Revenues: **Total Bill** % Increase Over **RY2** Revenue @1/1/17 Rate Level
	(1)	**(2)**	**(3)**	**(4)**	**(5)=(4)*GRT**	**(6)=(3)/(1)**	**(7)=(4)/(1)**	**(8)=(5)/(2)**
SC1	$2,023,524,232	$3,611,991,685	$89,906,384	$92,174,238	$94,586,161	4.4%	4.6%	2.6%
SC2	381,650,021	639,206,496	15,536,714	15,903,100	16,319,236	4.1%	4.2%	2.6%
SC5 Rate I&III	97,878	206,109	6,721	6,878	7,058	6.9%	7.0%	3.4%
SC5 Rate II	3,295,656	15,556,236	133,059	151,268	155,226	4.0%	4.6%	1.0%
SC6	2,075,575	3,098,645	-34,023	-32,610	-33,463	-1.6%	-1.6%	-1.1%
SC8 Rate I&III	147,225,232	346,039,323	6,034,118	6,324,369	6,489,859	4.1%	4.3%	1.9%
SC8 Rate II	9,502,813	24,593,003	404,581	426,715	437,881	4.3%	4.5%	1.8%
SC9 Rate I&III	1,502,913,253	3,481,296,323	51,772,110	54,662,851	56,093,214	3.4%	3.6%	1.6%
SC9 Rate II	487,391,771	1,410,553,226	5,324,062	6,689,610	6,864,657	1.1%	1.4%	0.5%
SC12 Rate I&III	9,607,455	25,867,900	519,373	543,234	557,449	5.4%	5.7%	2.2%
SC12 Rate II	11,771,397	32,290,825	437,289	467,429	479,660	3.7%	4.0%	1.5%
SC13	2,006,488	2,709,976	74,695	75,637	77,616	3.7%	3.8%	2.9%
CECONY Subtotal	$4,581,061,771	$9,593,409,747	$170,115,083	$177,392,719	$182,034,554			
NYPA	$610,714,770	$1,325,324,596	$23,843,918	$24,189,033	$24,821,987	3.9%	4.0%	1.9%
CECONY	4,581,061,771	9,593,409,747	170,115,083	177,392,719	182,034,554	3.7%	3.9%	1.9%
Total	**$5,191,776,541**	**$10,918,734,342**	**$193,959,001**	**$201,581,752**	**$206,856,541**	**3.7%**	**3.9%**	**1.9%**

* Assumes the low income discount level of $54.7 M and $0.547 M Reconnection Fee Waiver.

** Assumes RY1 MAC and NYPA Surcharges. Assumes the same MSC, 18-a and SBC Factors used in the Company's initial filing. Includes supply estimates for RA customers and NYPA.

*** Excludes changes outside of rate case: (1) decreases to above market costs of NUG/public policy contracts and (2) a decrease in PJM OATT costs in RY 2.

Consolidated Edison Company of New York, Inc.
Case 16-E-0060 - Joint Proposal
Summary of Revenue Increases

Rate Year 3

Levelized

	RY 2 Revenues		RY 3 Increases			Percent Changes - RY 3 Increases over RY 2 Revenues		
Class	Bundled T&D Revenue at 1/1/18 Rates Incl. PPWC & $54.7 M Low Income Credits and $0.547 M Reconnection Fee Waiver *	Total Bill Incl. MAC, MSC, SBC, 18-A and GRT at 1/1/18 Rates **	RY 3 Total T&D Increase Incl. Low Income Discount, PPWC and MAC Change	RY 3 Total Rate Increase Incl. Incremental Low Income Discount, PPWC, and New MAC Charges and NYPA Surcharges Excl. GRT ***	RY3 Total Bill Increase Incl. GRT	**T&D** % Increase Incl. Low Income discount and PPWC and MAC Over **RY3** Revenue @1/1/18 Rate Level	**T&D** % Increase Incl. Incremental Low Income discount and PPWC and New MAC Charges and NYPA Surcharges Over **RY 3** Revenue @1/1/18 Rate Level	**Total Bill** % Increase Over **RY3** Revenue @1/1/18 Rate Level
	(1)	(2)	(3)	(4)	(5)=(4)*GRT	(6)=(3)/(1)	(7)=(4)/(1)	(8)=(5)/(2)
SC1	$2,134,616,387	$3,745,939,689	$90,992,574	$96,187,653	$98,704,595	4.3%	4.5%	2.6%
SC2	401,505,903	661,976,729	15,728,252	16,564,826	16,998,278	3.9%	4.1%	2.6%
SC5 Rate I&III	104,585	213,152	7,851	8,207	8,422	7.5%	7.8%	4.0%
SC5 Rate II	3,434,180	15,717,073	134,785	176,027	180,633	3.9%	5.1%	1.1%
SC6	2,040,449	3,064,049	-37,982	-34,782	-35,692	-1.9%	-1.7%	-1.2%
SC8 Rate I&III	154,246,327	354,388,262	6,086,010	6,746,239	6,922,768	3.9%	4.4%	2.0%
SC8 Rate II	10,202,760	25,650,243	418,381	469,578	481,865	4.1%	4.6%	1.9%
SC9 Rate I&III	1,551,467,268	3,531,546,410	51,476,103	58,014,749	59,532,821	3.3%	3.7%	1.7%
SC9 Rate II	494,752,942	1,425,022,199	4,963,182	8,074,470	8,285,755	1.0%	1.6%	0.6%
SC12 Rate I&III	9,959,224	26,041,270	517,886	571,216	586,163	5.2%	5.7%	2.3%
SC12 Rate II	11,991,241	32,124,606	429,593	496,434	509,424	3.6%	4.1%	1.6%
SC13	2,082,270	2,788,708	74,816	76,949	78,963	3.6%	3.7%	2.8%
CECONY Subtotal	$4,776,403,536	$9,824,472,392	$170,791,451	$187,351,566	$192,253,995			
NYPA	$641,578,627	$1,355,437,316	$23,167,548	$24,848,059	$25,498,258	3.6%	3.9%	1.9%
CECONY	4,776,403,536	9,824,472,392	170,791,451	187,351,566	192,253,995	3.6%	3.9%	2.0%
Total	**$5,417,982,163**	**$11,179,909,708**	**$193,958,999**	**$212,199,625**	**$217,752,253**	**3.6%**	**3.9%**	**1.9%**

* Assumes the low income discount level of $54.7 M and $0.547 M Reconnection Fee Waiver.
** Assumes RY2 MAC and NYPA Surcharges. Assumes the same MSC, 18-a and SBC Factors used in the Company's initial filing. Includes supply estimates for RA customers and NYPA.
*** Excludes changes outside of rate case: (1) decreases to above market costs of NUG/public policy contracts and (2) a decrease in PJM OATT costs in RY 2.

Case 16-E-0060

Consolidated Edison Company of New York, Inc.

Summary of Revenue Neutral Redesigned Rates to Reflect High Tension/Low Tension Differential Adjustments for SC 5 Rate I, SC 12 Rate I and NYPA

At Current 1/1/2016 Rate Level

SC5 Rate I

					Three-Year Phase-In Before Application of T&D Increase		
					RY 1	RY 2	RY 3
Rate I	**Demand**	Blocks	Current 1/1/2016 Rate (1)	Redesigned to Reflect Shift of 5% of Rev. Recovered from Energy to Demand at 1/1/2016	1/3 HT/LT Differential Adjustment	2/3 HT/LT Differential Adjustment	Full (3/3) HT/LT Differential Adjustment
Summer	LT	0-5 kW	$109.13	$114.51	$114.51	$114.51	$114.51
		> 5kW	$20.51	$21.52	$21.52	$21.52	$21.52
	HT	0-5 kW	$96.61	$101.37	$96.97	$91.72	$87.32
		> 5kW	$18.13	$19.02	$18.18	$17.18	$16.34
Winter	LT	0-5 kW	$70.01	$73.46	$73.46	$73.46	$73.46
		> 5kW	$13.06	$13.70	$13.70	$13.70	$13.70
	HT	0-5 kW	$57.49	$60.32	$55.92	$50.67	$46.27
		> 5kW	$10.67	$11.19	$10.35	$9.35	$8.51

SC12 Rate I

					Three-Year Phase-In Before Application of T&D Increase		
					RY 1	RY2	RY3
Rate I	**Demand**	Blocks	Current 1/1/2016 Rate (1)	Redesigned to Reflect Shift of 5% of Rev. Recovered from Energy to Demand at 1/1/2016	1/3 HT/LT Differential Adjustment	2/3 HT/LT Differential Adjustment	Full (3/3) HT/LT Differential Adjustment
Summer	LT	0-5 kW	$133.80	$137.16	$137.16	$137.16	$137.16
		> 5kW	$25.46	$26.10	$26.10	$26.10	$26.10
	HT	0-5 kW	$117.36	$120.31	$114.41	$108.51	$102.56
		> 5kW	$22.33	$22.89	$21.76	$20.63	$19.50
Winter	LT	0-5 kW	$75.12	$77.01	$77.01	$77.01	$77.01
		> 5kW	$14.28	$14.64	$14.64	$14.64	$14.64
	HT	0-5 kW	$58.80	$60.28	$54.38	$48.48	$42.53
		> 5kW	$11.17	$11.45	$10.32	$9.19	$8.06

NYPA

				Three-Year Phase-In Before Application of T&D Increase		
				RY 1	RY2	RY3
Rate I	**Demand**	Blocks	Current 1/1/2016 Rate (1)	1/3 HT/LT Differential Adjustment	2/3 HT/LT Differential Adjustment	Full (3/3) HT/LT Differential Adjustment
Summer	LT	Low Tension	$22.69	$23.31	$23.85	$24.47
	HT	High Tension	$20.43	$19.24	$18.20	$17.00
Winter	LT	Low Tension	$22.69	$23.31	$23.85	$24.47
	HT	High Tension	$20.43	$19.24	$18.20	$17.00

Annualized Charge

SC5 Rate I	Current 1/1/2016 Rate (1)	Redesigned at 1/1/2016	RY 1	RY 2	RY 3
LT	$15.54	$16.31	$16.31	$16.31	$16.31
HT	$13.16	$13.80	$12.96	$11.96	$11.12
HT/LT %	85%	85%	79%	73%	68%
HT/LT % Based on Costs (2)					69%

SC12 Rate I	Current 1/1/2016 Rate (1)	Redesigned at 1/1/2016	RY 1	RY2	RY3
LT	$18.01	$18.46	$18.46	$18.46	$18.46
HT	$14.89	$15.26	$14.13	$13.00	$11.87
% HT/LT	83%	83%	77%	70%	64%
HT/LT % Based on Costs (2)					65%

NYPA	Current 1/1/2016 Rate (1)	RY 1	RY2	RY3
LT	$22.69	$23.31	$23.85	$24.47
HT	$20.43	$19.24	$18.20	$17.00
% HT/LT	90%	83%	76%	69%
HT/LT % Based on Costs (2)				67%

(1) Includes temporary credits.

(2) See Exhibit_(ERP-1) Schedule 1.

Case 16-E-0060
Consolidated Edison Company of New York, Inc.
Summary of Revenue Neutral Redesigned Rates to Reflect High Tension/Low Tension Differential Adjustments for SC 8 Rate II and SC 12 Rate II
At Current 1/1/2016 Rate Level

			SC8 II				SC12 II			
				Three-Year Phase-In Before Application of T&D Increase				Three-Year Phase-In Before Application of T&D Increase		
				RY 1	RY 2	RY 3		RY 1	RY 2	RY 3
Rate II	**Demand**	Time Period (Per kW)	Current 1/1/2016 Rate (1)	1/3 HT/LT Differential Adjustment	2/3 HT/LT Differential Adjustment	Full (3/3) HT/LT Differential Adjustment	Current 1/1/2016 Rate (1)	1/3 HT/LT Differential Adjustment	2/3 HT/LT Differential Adjustment	Full (3/3) HT/LT Differential Adjustment
Summer	LT	M - F, 8 AM - 6 PM	$7.80	$7.80	$7.80	$7.80	$7.12	$7.12	$7.12	$7.12
		M - F, 8 AM - 10 PM	$15.02	$16.30	$17.42	$18.81	$13.87	$15.38	$16.84	$18.30
		All hours - all days	$19.05	$17.78	$16.67	$15.28	$15.23	$13.73	$12.28	$10.84
			$41.87	$41.88	$41.89	$41.89	$36.22	$36.23	$36.24	$36.26
	HT	M - F, 8 AM - 6 PM	$7.80	$7.80	$7.80	$7.80	$7.12	$7.12	$7.12	$7.12
		M - F, 8 AM - 10 PM	$15.02	$16.30	$17.42	$18.81	$13.87	$15.38	$16.84	$18.30
			$22.82	$24.10	$25.22	$26.61	$20.99	$22.50	$23.96	$25.42
Winter	LT	M - F, 8 AM - 10 PM	$9.97	$11.25	$12.37	$13.76	$7.26	$8.77	$10.23	$11.69
		All hours - all days	$6.99	$5.72	$4.61	$3.22	$11.76	$10.26	$8.81	$7.37
			$16.96	$16.97	$16.98	$16.98	$19.02	$19.03	$19.04	$19.06
	HT	M - F, 8 AM - 10 PM	$9.97	$11.25	$12.37	$13.76	$7.26	$8.77	$10.23	$11.69

Annualized Charges								
HT	$14.25	$15.53	$16.65	$18.04	$11.84	$13.35	$14.81	$16.27
LT	$25.26	$25.27	$25.28	$25.28	$24.75	$24.76	$24.77	$24.79
% HT/LT	56%	61%	66%	71%	48%	54%	60%	66%
HT/LT % Based on Costs (2)				70%				66%

(1) Includes temporary credits.
(2) See Exhibit_(ERP-1) Schedule 1.

Case No 16-E-0060
Consolidated Edison Company of New York, Inc.
Factor Used to Allocate Certain Costs Between NYPA and Con Edison Classes
PASNY Allocation
Levelized

	Bundled T&D Revenues at 1/1/2017 Rate Level Incl. Low Income Discount and PPWC RY1 (Effective 1/1/2017)	Bundled T&D Revenues at 1/1/2018 Rate Level Incl. Low Income Discount and PPWC RY2 (Effective 1/1/2018)	Bundled T&D Revenues at 1/1/2019 Rate Level Incl. Low Income Discount and PPWC RY3 (Effective 1/1/2019)
NYPA	$ 602,169,102	$ 634,558,688	$ 664,746,175
Coned	$ 4,533,553,672	$ 4,750,892,010	$ 4,947,035,571
Total	$ 5,135,722,774	$ 5,385,450,698	$ 5,611,781,746
% NYPA	11.73%	11.78%	11.85%
% Coned	88.27%	88.22%	88.15%
Total	100.00%	100.00%	100.00%

Appendix 20 -- Standby Rate Pilot

Consolidated Edison Company of New York, Inc.
Cases 16-E-0060
<u>Standby Rate Pilot</u>

The Company will implement the Pilot as follows:

Option 1: Targeted 10-Year Exemption or Pilot Rates:

This option is available for up to 50 MW of new or expanded efficient Combined Heat and Power ("CHP") facilities with no less than 1 MW per interconnection and up to 25 MW of new battery energy storage projects with no less than 50 kW of storage per interconnection. The following customer eligibility requirements apply:

(a) To participate in the ten-year exemption from paying standby rates, customers with CHP facilities that are not in operation as of the effective date of the Joint Proposal must have a completed application in the Company's distributed generation ("DG") interconnection queue by December 31, 2019, and the customer must begin commercial operation of the CHP facility or storage system by December 31, 2021.

(b) For customers participating by expanding an existing facility, only the new portion of the facility shall be eligible. The new portion of the facility must be separately metered and billed.

(c) At least 25 MW of the aggregated CHP megawatt capacity shall have the ability to operate in grid-export mode.

Participating customers will remain on non-standby delivery rates for up to 10 years, beginning on the initial date of commercial operation of the project, and will receive shadow billing at the Pilot rates described below during the term of the Pilot and at the then-effective standby rates thereafter. Participants may elect a one-time switch to billing at either: (1) the Pilot rate during the term of the Pilot program; or (2) the then-effective standby rates. The total amount of MW under this Option that can receive the up-to-10-year exemption or be on the Pilot rate described in Option 2 shall be 50 MW of CHP and 25 MW of storage, *e.g.*, if a customer switches from the 10-year exemption to the Option 2 Pilot rate there will be no additional MW that would be eligible for the up to 10-year exemption from standby rates.

CHP facilities participating in this Option shall have the following additional requirements with respect to qualification for the standby rate exemption:

(a) 4-year exemption from standby rates requires an average annual efficiency of 60 percent or greater, but less than 63 percent;

(b) 7-year exemption from standby rates requires an average annual efficiency of 63 percent or greater, but less than 65 percent; and

(c) 10-year exemption from standby rates requires an average annual efficiency of 63 percent or greater and peak efficiency of 65 percent or greater.

(d) All CHP facilities shall meet the NOx emissions standard of 1.6 lbs/MWh or less; and

(e) Participation under this option is not available to technologies that emit criteria air pollutants (*e.g.*, burn fossil fuels) that are not in compliance with local air quality criteria established as part of the Standby/Export Rates Pilot Collaborative as described below.

For items (a)-(c) above, average annual and peak efficiency will be determined using the Higher Heating Value of the fuel. For peak efficiency, power island system efficiency will be measured at the prime mover connections for fuel and electricity, and at the heat recovery device connections for steam and/or hot water. Peak efficiency calculations are performed based on full utilization of electrical and thermal energy.

Option 2: Standby/Export Pilot Rates:

This option is available to standby customers for up to 125 MW as follows: (1) 75 MW is reserved for customers that have qualified under Option 1; and (2) 50 MW is available to standby customers, either new or existing, that do not qualify under Option 1. Applications to participate in the Pilot will remain available until the Pilot is fully subscribed, or until December 31, 2021, whichever is sooner.

The Company will convene a collaborative on or about February 1, 2017 to develop proposed Pilot rates that the Company will file with the Commission with a proposed effective date of January 1, 2018, except that the collaborative will be convened after September 15, 2016, to determine the air quality criteria that will apply to both this Pilot and the SC 11 Bill Credit Proposal such that the air quality criteria will be applicable beginning on January 1, 2017. If the parties cannot reach agreement on this issue in the collaborative, the parties will submit this issue to the Commission for decision.

Once rates are approved by the Commission, participants that choose to be billed at the Pilot rates will be placed on the Pilot rates, with shadow billing at the current standby and/or export rates. The Pilot rates, as described in more detail below, will be designed to test (1) differential levels of standby service by allowing customers to elect a level of Contract Demand; (2) more granular Daily As-Used Demand Charges that include locational and time-varying rates; and (3) payment for locational benefits for SC 11 customers that operate their generation assets to support the distribution system.

The collaborative will develop Pilot rates that will:

(a) develop and test options for customers to assume all or a portion of the reliability risk of their onsite generation by contracting for a lower level of service from the utility, with substantial penalties for non-compliance:

(i) Customers may choose a level of Contract Demand based on the type of service they want from Con Edison;

(ii) Because load-limiting devices are not available for these types of interconnections, significant financial ramifications/price signals will be used to deter customers from exceeding their selected Contract Demand level:

a. Customers will be assessed an Exceedance Surcharge for any kW usage which exceeds the selected Contract Demand amount, unless such exceedance occurs during a scheduled maintenance outage as mutually agreed upon by both the customer and the Company;

b. The Exceedance Surcharge will be set equal to the product of (1) the maximum actual demand less the Contract Demand selected by the customer, in kW; (2) the number of months since the Contract Demand was selected by the customer, up to a maximum of 36; and (3) 1.5 times the applicable Contract Demand rate per kW, in $/kW;

c. If the customer exceeds its Contract Demand, the customer may choose to set a different Contract Demand, provided that the new Contract Demand is higher than the previous amount. Doing so will reset the “timer” in section b.2 above of the Exceedance Surcharge calculation. If the customer elects not to increase its Contract Demand after an exceedance the “timer” used in section b.2 above of the Exceedance Surcharge calculation is not reset.

(b) develop time and locational-variant Daily As-Used Demand pricing, with increased As-Used Demand Charges during network-specific peak hours and lower As-Used Demand Charges outside of network-specific peak hours.

(c) develop and test new export delivery rates for SC 11 customers with onsite generation that actively sell excess generation into the grid and operate their generation for the benefit of the distribution grid.

   a. The collaborative will use data and information from the Con Edison SC 11 buyback delivery rate filing to develop pilot export rates;

   b. Customers may be eligible to participate in the SC 11 Bill Credit Program during the CSRP call hours, depending on the rate to be developed.

Metering and Data Requirements Applicable to Both Exemption and Pilot Customers

Participating customers must provide, at their cost, revenue-grade interval metering (with communications capability and the associated communications service) to measure the output of CHP facilities and/or the charging usage and discharge output of storage projects, as applicable. The metering must be compatible with the Company's metering infrastructure, including compatibility with the Company's meter reading systems and meter communications systems.

Additional Collaborative Activities

The Collaborative will evaluate the reliability, fuel consumption, and efficiency of CHP and storage technologies over the pilot period to provide utilities and stakeholders with data regarding performance and operational needs as follows:

(a) Data reporting shall be in accordance with NYSERDA program protocols, and shall include hourly generation and fuel consumption data, as well as hourly, annual average, and peak efficiency data;

(b) Participants shall provide data related to characterization of output profiles of CHP and storage facilities which may be used for utility planning, operations, and rate design purposes in order to meet the Pilot's goals of (1) providing relevant data to Con Edison and all other interested parties to enable the Company to include the impacts of onsite CHP and storage in its planning, operations, reliability criteria and in the determination of DER hosting capability; and (2) to provide relevant data for the design of future DER compensation;

(c) The Collaborative will seek to leverage existing data from the NYSERDA DG Integrated Data System.

The collaborative will also seek to build consensus on additional data that may be necessary. Pilot participants will also provide certain data to Staff as agreed upon in the collaborative. Pilot participants will engage local New York City permitting agencies to facilitate standardized review and approvals.

Deferral

The Company will defer for future recovery any resulting revenue shortfall from customers who participate in either Option 1 or Option 2.

Appendix 21 -- Gas Revenue Allocation and Rate Design

Consolidated Edison Company of New York, Inc.
Case 16-G-0061

Gas Revenue Allocation and Rate Design

1. Revenue Allocation

Table 1 provides the revenue allocation for each Rate Year, which is explained below. For the first Rate Year, the total increase in the Company's revenue requirement of $35,483,000, less gross receipts tax of $1,228,000, was allocated to firm sales and firm transportation customers in SC 1, 2, 3, 9 and 13 in the following manner:

(a) The Rate Year total delivery revenues at the current rates, including competitive and non-competitive revenues, for each class were realigned for the current low income program based on current total delivery revenues;
(b) The Rate Year total delivery revenues at the current level for SC 1, SC 2 Rate 1, and Rider H were also realigned in a revenue neutral manner to reduce interclass deficiencies and surpluses as indicated by the Company's Gas embedded cost of service ("ECOS") study. For each Rate Year, deficiency and surplus indications have been reduced by one-third;
(c) The Rate Year delivery revenue increase was then allocated to each class by applying the overall Rate Year percentage increase to each class' Adjusted Rate Year delivery revenue as realigned for the low income program and the ECOS surplus and deficiency indications;
(d) The Rate Year delivery revenues for each class were then realigned for the proposed low income program based upon the Adjusted Rate Year delivery revenues;
(e) The total delivery revenue increase by class was determined by subtracting the Adjusted Delivery Revenue at the Rate Year Level from the Total Delivery Revenues at the current rate level;
(f) The RY1 overall percentage rate change for each class was determined by dividing the total RY1 delivery rate change by the total delivery revenue at current rates.

For the second and third Rate Years, the allocation of the total increase in the Company's revenue requirement, less gross receipts tax, was calculated in a similar fashion with the exception of the realignments for the low income program. These realignments were eliminated in Rate Years 2 and 3 in order to reflect the change in the treatment of the low income discounts from a reduced rate to a bill credit.

The overall percentage rate change for each class for Rate Years 2 and 3 were also determined by dividing the total Rate Year delivery rate change by the total Rate Year delivery revenues at current rates. The RY2 delivery revenues at current rates reflect the RY1 non-competitive base tariff rates as well as the RY1 Merchant Function Charge ("MFC") supply and Merchant Function Charge Credit and Collection ("C&C") targets. The RY3 total Rate Year delivery revenues at current rates reflect the RY2 non-competitive base tariff rates as well as the RY2 MFC supply and MFC C&C targets.

A summary of revenue impacts by class, on a delivery-only and total-bill basis for each of the Rate Years, is shown on Table 1a.

2. **Rate Design**

The rate design process for each Rate Year consisted of the following steps:

- Determining the amount of the revenue increase applicable to competitive charges;
- Determining the amount of the revenue increase to be applied to non-competitive charges; and
- Designing rates for non-competitive charges.

Competitive Delivery Charges

The competitive delivery components include the Merchant Function Charge fixed components, that is, the MFC supply and credit and collections components; the purchase of receivables ("POR") credit and collections component and the billing and payment processing ("BPP") charge, as discussed in Section 3 below. For each Rate Year revised revenue levels for the MFC fixed components and POR credit and collections component were based on percentages of delivery revenue as determined in the Gas ECOS study. There were no revenue changes associated with the BPP charge since it will remain at its current level during the term of the Gas Rate Plan.

Since there was no change in the BPP rate, the amount of the revenue increase attributable to the competitive service charges only reflects the change in the MFC revenues. The change in the MFC revenues for each Rate Year was determined by taking the difference between the MFC target revenues calculated at the Rate Year level and the MFC targets revenues for the previous Rate Year.

Table 2 provides the MFC Supply and MFC C&C Targets for all three Rate Years.

Non-Competitive Delivery Revenues and Rates

The non-competitive delivery revenue increase by class was determined by subtracting the increase in the competitive delivery revenues from the total delivery revenue increase as shown on Table 1.

A summary of the proposed non-competitive rate design methodology, which was used for all three Rate Years, is described below.

The minimum charges (the charge for the delivery of the first three therms or less) in all three Rate Years for SC 2 Rate I, SC 2 Rate II, SC 3, SC 13 and for the corresponding SC 9 rates, will remain at the current levels. The SC 1 minimum charge is increased in all three Rate Years to avoid disproportionally affecting customers using more than 6 therms a month and was set at a level which produces similar bill impacts, on a percentage basis, across all usage ranges.

After considering the amount of the delivery revenue increase attributable to changes in the minimum charges, the remaining non-competitive delivery revenue increase within each class was allocated as follows:

A. For SC 1 and the corresponding SC 9 rate, the balance of the revenue increase was collected through the volumetric rate block (i.e., for all usage over 3 therms per month).

B. For SC 2 Rate I, SC 2 Rate II and the corresponding SC 9 rates, the rate design reflects the change in the applicability criteria. The charges for the first volumetric rate block (i.e., for usage from 4 to 90 therms) within SC 2 were set equal for Rate I and Rate II. The charges for the remaining two volumetric rate blocks within Rate I and Rate II (i.e., for usage from 91 to 3,000 therms and for usage greater than 3,000 therms) were increased, on a uniform percentage basis, based upon the remaining revenue increases for Rate I and Rate II after deducting the change in annual revenues attributable to the minimum charge, the first volumetric (4-90 therms) per therm charge and the air conditioning rates (described below).

C. The charges for the three volumetric rate blocks within SC 3 and the corresponding SC 9 rates (i.e., for usage from 4 to 90 therms, for usage from 91 to 3,000 therms and for usage greater than 3,000 therms) were increased, on a uniform percentage basis, based upon the remaining revenue increase for this class after deducting the changes in annual revenues attributable to the minimum charge and to the air conditioning rates (as explained below).

D. The two volumetric rate blocks within SC 13 and the corresponding SC 9 rates were increased, on a uniform percentage basis, based on the revenue increase for this class.

E. The air-conditioning rates within SC 2 and SC 3 were set equal to the proposed block rates in SC 13 consistent with past practice.

F. Rider G (Economic Development Zone) and Rider I (Gas Manufacturing Incentive) rates were set equal to the applicable SC 2 rates for the first 250 therms per month of usage. The delivery rates for usage from 251-3,000 therms (the "penultimate rate") and in excess of 3,000 therms (the "terminal rate") were increased at the same uniform percentage as their applicable SC 2 rates which maintains the relationship that exists today between the penultimate and terminal delivery rates for Riders G and I and SC 2 delivery rates.

G. Distributed generation rates under Riders H and J were changed as follows:

- The Rider H minimum charges were maintained at their current levels. The per therm rates and the contract demand rate were increased, on a uniform percentage basis, based upon the revenue increase for this class.
- The Rider J Rate I minimum charge and per therm delivery rate, applicable to SC 1 and equivalent SC 9 customers, were increased by the same percentage increases as applied to the SC 1 non-competitive delivery rates.

- The Rider J minimum charge, applicable to SC 3 and equivalent SC 9 customers in buildings with four or less dwelling units, was maintained at its current level. The per therm rate was increased by the same percentage increase as the SC 3 per therm rates.

H. No change was allocated to SC 14, and bypass customers taking firm service under contract rates.

In Rate Year 1, SC 1 and SC 3 low income customers will continue to receive a discount through the base tariff rates. SC 1 low income customers will receive a reduction of $3.00 off the full SC 1 minimum charge. SC 3 low income customers will continue to receive a reduction of $0.4880 per therm in their 4-90 therm block as well as a reduction of $7.25 off the full SC 3 minimum charge.

For Rate Years 2 and 3, the discounts provided to SC 1 and SC 3 low income customers will be reflected on customer bills as credits rather than through reduced rates. As such, low income customers taking service under SC 1 and SC 3 will be charged the same base tariff rates as non-low income customers in those service classes.

Rates in all three Rate Years in the SC 1, SC 2 Rate I, SC 2 Rate II, SC 3 and SC 13 classes still reflect increases to account for the low income funding level of $10.9 million.

3. Competitive Service Charges

Con Edison will continue to unbundle the following competitive service charges:

A. Merchant Function Charge

The Merchant Function Charge, which is applicable to firm full service customers, consists of the following components:

- Supply-Related Component – This component will change each Rate Year in accordance with the rate design targets shown in Table 2.
- C&C Component – This component will change each Rate Year based upon the rate design targets shown in Table 2. Any C&C charges related to gas transportation customers whose ESCOs participate in the Company's Purchase of Receivables program ("POR"), will be included in the POR discount rate, based upon the rate design target shown in Table 2.
- Uncollectible Accounts Expense ("UBs") associated with supply – This component will change each month in the manner described below.
- Gas in Storage Working Capital – This component will continue to be recovered from all firm customers and will change annually as set forth in the Company's gas tariff.

Separate MFC charges will continue to be established for SC 1, SC 2 Rate I, SC 2 Rate

II, SC 3, and SC 13. For the Supply-Related component and for the C&C component, different unit costs will be set for residential and for non-residential classes. At the end of each Rate Year, the supply-related and C&C components of the MFC will be trued up to the Rate Year design targets and any reconciliation amount will be included in the subsequent year's calculation of the MFC.

The charge for UBs associated with supply will continue to be based upon actual supply costs for each month included in the Company's monthly Gas Cost Factor ("GCF"). The UBs associated with supply costs will be included in the MFC. Separate UB factors will be calculated for each of the three GCF groupings and will reflect the overall uncollectible rate of 0.69%, with uncollectible rates of 1.09% for residential customers and 0.41% for non-residential customers.

B. **Billing and Payment Processing Charge**

The BPP Charge for gas will remain at its current level of $1.20 for single service gas customers who purchase both their commodity and delivery from the Company and for retail access customers receiving separate bills from the Company and the ESCO. Dual service customers will pay no more than $0.60 for gas BPP.

C. **Transition Adjustment for Competitive Services**

The Transition Adjustment for Competitive Services ("TACS") reconciles (1) actual revenues received through the C&C component of the POR discount rate with the amount reflected in the discount rate, and (2) any BPP lost revenue attributable to customers migrating to retail access and being billed for their gas use through an ESCO consolidated bill. The reconciliation in (1) above will be based on an allocation of the C&C POR targets as shown on Table 2 for Rate Years 1, 2 and 3.

The TACS applies to firm full service customers and to firm transportation customers and will continue to be assessed through the MRA. The TACS will be recovered at the same cents per therm rate from all firm customers.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

Case 16-G-0061

Determination of Total Rate Increase by Service Class for Rate Year 1

Service Class	(1) Rate Year Total Delivery Rev. ($)	(2) Re-alignment of Low Income at Current Rate Level ($)	(3) (Surplus)/ Deficiency (a) ($)	(4)=(1)+(2)+(3) Adjusted Rate Year Del Revenue ($)	(5) = (4) * % Rate Increase 3.076% ($)	(6) Re-alignment of Low Income at RY Rate Level ($)	(7)=(4)+(5)+(6) Adj Delivery Rev incl Rate Increase at RY Rate Level ($)	(8)=(7)-(1) Total Rate Year Increase ($)	(9) = (8)/(1) Rate Year % Increase
SC No. 1	176,126,837	751,665	4,975,333	181,853,836	5,594,091	(1,744,951)	185,702,976	9,576,138	5.4%
SC No. 2 Rate I	117,115,934	(1,135,260)	(4,715,798)	111,264,877	3,422,671	1,089,100	115,776,648	(1,339,287)	-1.1%
SC No. 2 Rate I, Rider H	6,445,516	(62,479)	(259,536)	6,123,501	188,368	59,939	6,371,807	(73,708)	-1.1%
SC No. 2 Rate II	172,369,440	(1,670,858)	0	170,698,582	5,250,939	1,670,858	177,620,379	5,250,939	3.0%
SC No. 3	641,050,490	2,121,393	0	643,171,884	19,784,910	(1,079,407)	661,877,387	20,826,896	3.2%
SC. No. 13	460,286	(4,462)	0	455,824	14,022	4,462	474,308	14,022	3.0%
Sub-Total	1,113,568,504	0	0	1,113,568,504	34,255,000	0	1,147,823,504	34,255,000	3.1%
SC No. 14 + Firm Bypass	2,848,543								
Total	1,116,417,047								

(a) Represents 1/3 of the (Surplus)/Deficiency Indications

Determination of Non-Competitive Delivery Rate Increase by Service Class for Rate Year 1

		Incremental Competitive Service Revenues				
Service Class	(1) Rate Year Increase ($)	(2) Billing and Payment Processing Component ($)	(3) MFC Fixed Supply Related Revenue ($)	(4) Total MFC Credit & Collection Related Revenue ($)	(5)=(2)+(3)+(4) Total Competitive Related Revenues ($)	(6)=(1)-(5) Non-Competitive Rate Year Delivery Revenue Increase ($)
SC No. 1	9,576,138	0	(25,092)	195,863	170,770	9,405,368
SC No. 2 Rate I	(1,339,287)	0	(10,409)	991,734	981,325	(2,320,612)
SC No. 2 Rate I, Rider H	(73,708)	0	22,984	72,687	95,671	(169,379)
SC No. 2 Rate II	5,250,939	0	(129,662)	1,546,038	1,416,376	3,834,563
SC No. 3	20,826,896	0	(198,412)	3,052,904	2,854,492	17,972,404
SC. No. 13	14,022	0	(524)	1,897	1,372	12,650
Sub-Total	34,255,000	0	(341,116)	5,861,123	5,520,006	28,734,994
SC No. 14 + Firm Bypass	0					
Total	34,255,000					

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

Case 16-G-0061

Determination of Total Rate Increase by Service Class for Rate Year 2

	(1)	(2)	(3)=(1)+(2)	(4) = (3) * %	(5)=(3)+(4)	(6)=(5)-(1)	(7) = (6)/(1)
Service Class	Rate Year Total Delivery Rev. ($)	(Surplus)/ Deficiency (a) ($)	Adjusted Rate Year Del Revenue ($)	Rate Increase 7.542% ($)	Adj Delivery Rev incl Rate Increase at RY Rate Level ($)	Total Rate Year Increase ($)	Rate Year % Increase
SC No. 1	189,273,766	4,975,333	194,249,099	14,650,952	208,900,051	19,626,285	10.4%
SC No. 2 Rate I	117,245,226	(4,711,777)	112,533,449	8,487,669	121,021,118	3,775,892	3.2%
SC No. 2 Rate I, Rider H	6,558,187	(263,556)	6,294,630	474,763	6,769,393	211,207	3.2%
SC No. 2 Rate II	178,323,819	0	178,323,819	13,449,811	191,773,630	13,449,811	7.5%
SC No. 3	690,004,297	0	690,004,297	52,042,555	742,046,853	52,042,555	7.5%
SC. No. 13	480,617	0	480,617	36,250	516,867	36,250	7.5%
Sub-Total	1,181,885,912	0	1,181,885,912	89,142,000	1,271,027,912	89,142,000	7.5%
SC No. 14 + Firm Bypass	2,848,543						
Total	1,184,734,455						

(a) Represents 1/3 of the (Surplus)/Deficiency Indications

Determination of Non-Competitive Delivery Rate Increase by Service Class for Rate Year 2

	(1)	(2)	(3)	(4)	(5)=(2)+(3)+(4)	(6)=(1)-(5)
		Incremental Competitive Service Revenues				
Service Class	Rate Year Increase ($)	Billing and Payment Processing Component ($)	MFC Fixed Supply Related Revenue ($)	Total MFC Credit & Collection Related Revenue ($)	Total Competitive Related Revenues ($)	Non-Competitive Rate Year Delivery Revenue Increase ($)
SC No. 1	19,626,285	0	6,320	40,647	46,967	19,579,318
SC No. 2 Rate I	3,775,892	0	27,804	162,976	190,780	3,585,112
SC No. 2 Rate I, Rider H	211,207	0	9,628	21,736	31,364	179,843
SC No. 2 Rate II	13,449,811	0	26,055	221,766	247,821	13,201,989
SC No. 3	52,042,555	0	209,263	881,816	1,091,079	50,951,476
SC. No. 13	36,250	0	180	490	669	35,580
Sub-Total	89,142,000	0	279,250	1,329,431	1,608,682	87,533,318
SC No. 14 + Firm Bypass	0					
Total	89,142,000					

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

Case 16-G-0061

Determination of Total Rate Increase by Service Class for Rate Year 3

Service Class	(1) Rate Year Total Delivery Rev. ($)	(2) (Surplus)/ Deficiency (a) ($)	(3)=(1)+(2) Adjusted Rate Year Del Revenue ($)	(4) = (3) * % Rate Increase 6.680% ($)	(5)=(3)+(4) Adj Delivery Rev incl Rate Increase at RY Rate Level ($)	(6)=(5)-(1) Total Rate Year Increase ($)	(7) = (6)/(1) Rate Year % Increase
SC No. 1	207,844,158	4,975,333	212,819,491	14,215,666	227,035,157	19,190,999	9.2%
SC No. 2 Rate I	121,105,717	(4,706,682)	116,399,035	7,775,086	124,174,121	3,068,403	2.5%
SC No. 2 Rate I, Rider H	6,912,551	(268,651)	6,643,900	443,791	7,087,691	175,140	2.5%
SC No. 2 Rate II	192,686,070	0	192,686,070	12,870,817	205,556,887	12,870,817	6.7%
SC No. 3	763,772,191	0	763,772,191	51,017,555	814,789,745	51,017,555	6.7%
SC. No. 13	525,255	0	525,255	35,085	560,340	35,085	6.7%
Sub-Total	1,292,845,941	0	1,292,845,941	86,358,000	1,379,203,941	86,358,000	6.7%
SC No. 14 + Firm Bypass	2,848,543						
Total	1,295,694,484						

(a) Represents 1/3 of the (Surplus)/Deficiency Indications

Determination of Non-Competitive Delivery Rate Increase by Service Class for Rate Year 3

		Incremental Competitive Service Revenues				
Service Class	(1) Rate Year Increase ($)	(2) Billing and Payment Processing Component ($)	(3) MFC Fixed Supply Related Revenue ($)	(4) Total MFC Credit & Collection Related Revenue ($)	(5)=(2)+(3)+(4) Total Competitive Related Revenues ($)	(6)=(1)-(5) Non-Competitive Rate Year Delivery Revenue Increase ($)
SC No. 1	19,190,999	0	6,213	37,766	43,978	19,147,021
SC No. 2 Rate I	3,068,403	0	17,487	127,461	144,948	2,923,456
SC No. 2 Rate I, Rider H	175,140	0	9,949	22,461	32,410	142,731
SC No. 2 Rate II	12,870,817	0	28,265	206,879	235,144	12,635,673
SC No. 3	51,017,555	0	183,074	772,176	955,250	50,062,305
SC. No. 13	35,085	0	200	526	726	34,359
Sub-Total	86,358,000	0	245,187	1,167,268	1,412,456	84,945,544
SC No. 14 + Firm Bypass	0					
Total	86,358,000					

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
Case 16-G-0061 - Joint Proposal
Summary of Rate Increase

Rate Year 1

	Current Revenues at 1/1/16 Rates		RY1 Rate Change	Percent Rate Change	
Service Class	Rate Year Total Delivery Revenue with GRT * (1)	Rate Year Total Bill with GRT ** (2)	Total Rate Change with GRT (3)	Delivery Only (4)=(3)/(1)	Total Bill (5)=(3)/(2)
SC No. 1	$182,440,771	$204,199,955	$9,919,431	5.4%	4.9%
SC No. 2 Rate I	121,314,398	221,015,445	(1,387,298)	-1.1%	-0.6%
SC No. 2 Rate I, Rider H	6,676,580	20,970,813	(76,351)	-1.1%	-0.4%
SC No. 2 Rate II	178,548,675	327,635,962	5,439,178	3.0%	1.7%
SC No. 3	664,031,372	1,111,289,580	21,573,515	3.2%	1.9%
SC. No. 13	476,787	869,491	14,524	3.0%	1.7%
Sub-Total	$1,153,488,583	$1,885,981,247	$35,483,000	3.1%	1.9%
SC No. 14 + contracts	$2,950,660	16,943,314			
Total	$1,156,439,243	$1,902,924,561	$35,483,000	3.1%	1.9%

Notes:
* Includes temporary credit of $40.856 M.
** Includes supply estimate for transportation customers.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
Case 16-G-0061 - Joint Proposal
Summary of Rate Increase

Rate Year 2

	Current Revenues at 1/1/17 Rates		RY2 Rate Change			Percent Rate Change: RY2 Rate Change Only		Percent Rate Change: Total Rate Changes (including cost recovery related to Gate Station Projects)	
Service Class	Rate Year Total Delivery Revenue with GRT (1)	Rate Year Total Bill with GRT* (2)	RY 2 Rate Change with GRT (3)	Cost Recovery for Gate Stations with GRT ** (4)	Total Rate Change with GRT (5)=(4)+(3)	Delivery Only (6)=(3)/(1)	Total Bill (7)=(3)/(2)	Delivery Only (8)=(5)/(1)	Total Bill (9)=(5)/(2)
SC No. 1	$196,057,658	$218,404,908	$20,329,724	$499,107	$20,828,831	10.4%	9.3%	10.6%	9.5%
SC No. 2 Rate I	121,447,493	225,248,450	3,911,227	2,478,866	6,390,093	3.2%	1.7%	5.3%	2.8%
SC No. 2 Rate I, Rider H	6,793,243	21,897,968	218,777	364,512	583,289	3.2%	1.0%	8.6%	2.7%
SC No. 2 Rate II	184,715,246	336,938,572	13,931,875	3,637,588	17,569,463	7.5%	4.1%	9.5%	5.2%
SC No. 3	714,735,218	1,189,988,023	53,907,849	11,297,939	65,205,788	7.5%	4.5%	9.1%	5.5%
SC. No. 13	497,843	905,123	37,549	9,704	47,253	7.5%	4.1%	9.5%	5.2%
Sub-Total	1,224,246,701	1,993,383,045	92,337,000	18,287,716	110,624,716	7.5%	4.6%	9.0%	5.5%
SC No. 14 + contracts	2,950,640	17,300,633		357,434	357,434			12.1%	2.1%
Total	$1,227,197,341	$2,010,683,678	$92,337,000	$18,645,150	$110,982,150	7.5%	4.6%	9.0%	5.5%

Notes:
* Includes supply estimate for transportation customers.
** Assumes recovery of $18 million related to Peekskill and Rye Gate Station Projects. Assumes in service date of November 2017 with recovery in RY2 through MRA at 1.1 c/therm.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.
Case 16-G-0061 - Joint Proposal
Summary of Rate Increase

Rate Year 3

	Current Revenues at 1/1/18 Rates				RY3 Rate Change			Percent Rate Change: RY3 Rate Change Only		Percent Rate Change: Total Rate Changes (reflects inclusion of Gate Station Projects at Current Revenues)	
Service Class	Rate Year Total Delivery Revenue with GRT (1)	Rate Year Total Bill with GRT * (2)	Cost Recovery for Gate Stations with GRT ** (3)	Rate Year Total Bill including Gate Station Projects with GRT (4)=(3)+(2)	RY3 Rate Change with GRT (5)	Expiration of Cost Recovery for Gate Stations with GRT (6)	Total Rate Change with GRT (7)	Delivery Only (8)=(5)/(1)	Total Bill (9)=(5)/(2)	Delivery Only (10)=(7)/((1)+(3))	Total Bill (11)=(7)/(4)
SC No. 1	$215,293,122	$237,115,440	$499,107	$237,614,546	$19,878,789	($499,107)	$19,379,682	9.2%	8.4%	9.0%	8.2%
SC No. 2 Rate I	125,446,047	226,270,700	2,478,866	228,749,566	3,178,372	(2,478,866)	699,506	2.5%	1.4%	0.5%	0.3%
SC No. 2 Rate I, Rider H	7,160,291	22,186,348	364,512	22,550,860	181,417	(364,512)	(183,095)	2.5%	0.8%	-2.4%	-0.8%
SC No. 2 Rate II	199,591,781	348,310,062	3,637,588	351,947,650	13,332,097	(3,637,588)	9,694,509	6.7%	3.8%	4.8%	2.8%
SC No. 3	791,145,160	1,267,144,876	11,297,939	1,278,442,816	52,845,982	(11,297,939)	41,548,043	6.7%	4.2%	5.2%	3.2%
SC. No. 13	544,080	946,332	9,704	956,036	36,343	(9,704)	26,639	6.7%	3.8%	4.8%	2.8%
Sub-Total	$1,339,180,481	$2,101,973,758	$18,287,716	$2,120,261,474	$89,453,000	($18,287,716)	$71,165,284	6.7%	4.3%	5.2%	3.4%
SC No. 14 + contracts	2,950,633	16,943,157	357,434	17,300,591		(357,434)	(357,434)				
Total	$1,342,131,114	$2,118,916,915	$18,645,150	$2,137,562,065	$89,453,000	($18,645,150)	$70,807,850	6.7%	4.2%	5.2%	3.3%

Notes:
* Includes supply estimate for transportation customers.
** Assumes recovery of $18 million related to Peekskill and Rye Gate Station Projects. Assumes in service date of November 2017 with recovery in RY2 through MRA at 1.1 c/therm.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

Case 16-G-0061

Merchant Function Charge Targets

		Credit & Collections (C&C)		
	Supply MFC	C&C MFC	C&C POR	C&C Total
	$	$	$	$
Rate Year 1	2,607,205	7,643,126	4,769,039	12,412,165
Rate Year 2	2,886,455	8,461,760	5,279,837	13,741,597
Rate Year 3	3,131,643	9,180,537	5,728,328	14,908,865

Appendix 22-- Electric, Gas and Customer Service Reporting Requirements

Consolidated Edison Company of New York, Inc.
Cases 16-E-0060, 16-G-0061
Electric, Gas and Customer Service Reporting Requirements

The following are the Capital Reporting Requirements noted in Section D for Electric, Gas and Customer Service

1. **Electric**

By January 15, 2017, 2018 and 2019, the Company will, for informational purposes, file with the Secretary its most recent projected capital projects and programs list with associated expenditures for electric transmission, substations and distribution operations, electric production, distributed system implementation plan, municipal infrastructure, and shared services allocable to electric, ("Project/Program List") for the upcoming year and the subsequent year. The Company has the flexibility over the term of the Electric Rate Plan to modify the list, priority, nature and scope of its electric capital projects identified in the Project/Program List, subject to the reporting provisions set forth below.

The Company will, for informational purposes, file with the Secretary and submit to the parties in this proceeding, subject to confidentiality concerns, by February 28, 2018, 2019 and 2020:

- a report on its project and/or program expenditures during the prior calendar year for electric transmission, substations and distribution operations, electric production, electric storm hardening, municipal infrastructure, and shared services allocable to electric ("Report").
- A five-year capital budget for electric transmission, substations and

distribution operations, electric production, municipal infrastructure, and shared services allocable to electric.

- This report will include the actual capital and O&M expenditures and deferred amounts, if applicable, during the prior calendar year for AMI, REV demonstration projects, and Distributed System Implementation Plan implementation. The actual expenditures will be presented in aggregate form, separately for capital and O&M expenditures, and for deferred amounts, if applicable, for each of the categories listed above (*i.e.*, AMI, REV demonstration projects, and DSIP implementation), except that for the REV demonstration projects, the actual expenditures will also be presented for each REV demonstration project.

The program budget for the DSIP as set forth in the Company's rate filing is as follows:

	2017	2018	2019
Data Analytics	$1,194	$1,230	$1,260
Load Flow	-	$1,230	$1,260
NRI	$1,194	-	-
Interconnection Portal	$4,509	-	-
DERMS (extend (extend smart grid)	$2,388	$4,919	$5,040
DRMS	$2,388	$2,460	$1,260
DMTS	$3,581	$2,460	$2,520
DMAP (analytics platform)	$3,581	$2,460	$1,260
Customer Portal	-	-	$6,198
Data Exchange	$11,273	$1,127	-
Modernize Protective Relays	$2,865	$5,534	$6,931
Voltage VAR Control (WC)	-	$2,460	$2,520
	$32,972	$23,879	$28,250

The Report will provide (1) a list of all projects and/or programs reflected on the Project/Program List and in the Company's annual capital budgets that were eliminated, with supporting explanation; (2) a list of all new projects and/or programs that were added, with supporting explanation; (3) for all projects and/or programs, including new and eliminated projects and/or programs, the actual amount spent as compared to the forecasted budget amounts. To the extent the amount spent on a project or program varies from the forecasted amount by more than 15 percent, for projects or programs with a forecasted cost greater than $5 million but less than $25 million, or by more than 10 percent for projects or programs with a forecasted cost of $25 million or more, the Company shall provide an explanation of the reasons for the variance.

Quarterly budget meetings with Staff will continue, at which, among other issues, the Company will report on its current expectations in meeting the annual electric capital budget and Net Plant Targets.

2. <u>Gas</u>

The Company will, for informational purposes, file a Gas Capital Expenditures Report with the Secretary and submit it to the parties in this proceeding, subject to confidentiality concerns. The reports will be filed every six (6) months, annual reports (covering the preceding calendar year) will be filed on February 28, 2018, 2019 and 2020; mid-year reports[1] (covering the first six (6) months of the applicable calendar

[1] The Company's mid-year reports will recognize the fact that this Proposal reflects agreement on the annual forecasts in the 2017-2019 Gas Capital Program, rather than monthly expenditures.

year) will be filed on August 31, 2017, 2018 and 2019. The Company has the flexibility over the term of the Gas Rate Plan to modify the list, priority, nature and scope of its gas capital projects identified in the 2017-2019 Gas Capital Program (listed below), subject to the reporting provisions set forth below. The reports will include:

- Summary of Capital Expenditures - formatted similar to the Company's presentation in Exhibit___(GIOP-1); categorize projects into Transmission, Distribution, Technical Operations, Growth and Other; separately track AMI costs during the deployment period; separately identify AMI module costs, tin case meter replacements and the gas portion of allocated common costs; and continue all other current reporting requirements.

- Summary of Capital Additions - broken down by programs and projects.

- For all programs and projects, a comparison of calendar year forecast of expenditures set forth in the 2017-2019 Gas Capital Program vs. calendar year actual expenditures.

- For multi-year programs and projects, a comparison of total expenditures set forth in the 2017-2019 Gas Capital Program vs. actual expenditures, broken down by calendar year (as part of the fourth quarter report).

- Narrative explanation of the reason(s) for any variance in excess of ten (10) percent between the expenditures set forth in the 2017-2019 Gas Capital Program and actual expenditures for any program or project.

- Narrative explanation of the reason and purpose for any new projects or programs exceeding $1 million that were or are going to be undertaken during the current calendar year that were not included in the expenditures set forth in the 2017-2019 Gas Capital Program for that calendar year.

- Summary of expenditures set forth in and the 2017-2019 Gas Capital Program actual capital expenditures for Interference related to:
  - Municipal storm hardening projects.
  - DEP Combined Sewer Overflow projects.

- Summary of capital expenditures related to No. 4/No. 6 oil-to-gas conversions. To the extent necessary, Company will report annually on higher than anticipated capital expenditures, as set forth in Section D.2.b. of the Joint Proposal.

- For Main Replacement programs:
  - For the LPP identified and removed under the risk

prioritization model:
    - Number of miles removed or abandoned by material.
    - The specific location of each section of main removed or abandoned.
- For the LPP removed under all Other capital expenditure programs:
    - Number of miles removed or abandoned by material.
    - The specific location of each section of main removed or abandoned.
- Annual ranking of Total Population LPP by Main Replacement Prioritization Model with segment ID only:
    - Rank of segments expected to be removed in current rate year with segment ID and location.
    - As part of year-end report, identify actual segments removed as compared to expected.
- Actual cost of removal by material, by region.
- The amount of and calculation for any incremental costs the Company recovers through the Safety and Reliability Surcharge Mechanism.

- Rehabilitation of Large Diameter Gas Mains
    - For CISBOT (Cast Iron Joint Sealing Robot)
        - The number of joints rehabilitated
        - The specific location of each section of main that is rehabilitated.
        - Actual cost of CISBOT by region.
        - Results of integrity verification using an internal camera and an external pit at tie-in locations (including assessment for graphitization for cast iron mains) where rehabilitation work is planned
        - Any repairs completed on CISBOT joints
    - For CIPL (Cure in Place Liner)
        - Number of feet rehabilitated by material.
        - The specific location of each section of main rehabilitated.
        - Actual cost of CIPL by material, by region
        - Results of integrity verification using an internal camera and an external pit at tie-in locations where rehabilitation work is planned
        - Any repairs completed on lined mains
    - The Company will also report on the progress of a new NYSEARCH project (M2016-001) to field test aged cured-in-place lined segments as they interact with host steel or cast iron pipe to demonstrate the technology's long-term performance.

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. 2017-2019 GAS CAPITAL PROGRAMS		Total Dollars ($000)		
Project /Program Description	**Category Code**	**FY 17**	**FY 18**	**FY 19**
Distribution System Improvement Programs				
Main Replacement Program				
Replace Corroded Steel Mains	Risk Reduction	$98,319	$106,685	$121,291
Replace Cast Iron Mains	Risk Reduction	$141,665	$164,143	$180,150
Cathodic Protection Steel Mains	Risk Reduction	$1,261	$1,284	$1,284
	Sub-Total	**$241,246**	**$272,112**	**$302,725**
Distribution Supply Main Program				
Winter Load Relief	Risk Reduction	$17,163	$17,513	$17,491
Supply Main Planned Reinforcement (CONFIDENTIAL*)	Risk Reduction	$5,558	$6,767	$6,813
Gas System Vulnerability Elimination Program (CONFIDENTIAL*)	Risk Reduction	$11,113	$8,566	$14,943
Emerging Supply Mains Reliability	Risk Reduction	$4,041	$4,129	$4,123
Rehabilitate Large Diameter Gas Mains	Risk Reduction	$4,798	$4,902	$4,895
Replacement of Existing PE and Emergent Water Intrusion	Risk Reduction	$3,029	$3,094	$3,089
SM - Yorktown Upgrade	Risk Reduction	$1,010	$1,032	$1,031
Rehabilitation of the Gas Supply Main to City Island	Risk Reduction	$0	$0	$721
Second Supply to Roosevelt Island	Risk Reduction	$12,123	$0	$0
	Sub-Total	**$58,835**	**$46,003**	**$53,106**
Isolation Valve Installation Program				
Isolation Valves	Risk Reduction	$5,051	$5,161	$5,153
Service Replacement				
Services associated with main work	Risk Reduction	$42,367	$46,066	$50,072
Services Without Curb Valves	Risk Reduction	$1,110	$1,134	$1,132
	Sub-Total	**$43,477**	**$47,200**	**$51,204**
Emergency Replacement of Services				
Leaking Services	Risk Reduction	**$46,854**	**$47,990**	**$47,408**
Distribution System Improvement Programs Total		**$395,463**	**$418,467**	**$459,595**
Transmission Programs and Projects				
Transmission Risk Reduction and Reliability Projects				
Remotely Operating Valves (ROVs)	Risk Reduction	$1,478	$1,478	$3,608
TG – Transmission Pipeline Integrity Main Replacement Program	Risk Reduction	$600	$600	$600
Transmission Main Leaks	Risk Reduction	$2,018	$2,058	$2,056

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. 2017-2019 GAS CAPITAL PROGRAMS		**Total Dollars ($000)**		
Project /Program Description	**Category Code**	**FY 17**	**FY 18**	**FY 19**
TG – St. Ann's Tee to Hunt Point Downgrade	Risk Reduction	$10,609	$7,742	$0
TG – Yorktown Gate Station Refurbishment	Risk Reduction	$0	$0	$9,291
Newtown Creek Metering Station	Risk Reduction	$3,032	$0	$0
Cortlandt Gate Station Refurbishment	Risk Reduction	$0	$9,093	$0
Greenburgh Yard Refurbishment	Risk Reduction	$2,082	$6,000	$0
Westchester / Bronx Border to White Plains	Risk Reduction	$36,791	$37,526	$38,277
TG - Bronx River Tunnel to Bronx Westchester Border	Risk Reduction	$25,261	$24,810	$24,146
Bronx River Tunnel and Easement	Risk Reduction	$0	$15,485	$12,368
Astoria Transmission Main Reinforcement OTG	Risk Reduction	$10,103	$0	$0
OTG Transmission Main Reinforcement	Risk Reduction	$11,821	$12,078	$7,214
Millennium - Lower Westchester Interconnect	System Expansion	$0	$0	$0
Iroquois-3rd Ward of Queens Interconnect	System Expansion	$0	$0	$15,458
Millennium Pipeline Distribution Regulator Stations (CONFIDENTIAL*)	System Expansion	$0	$0	$0
	Sub-Total	**$103,794**	**$116,870**	**$113,017**
Pressure Control				
PC - Water Proof Manholes	Risk Reduction	$100	$100	$100
PC - Replace Regulators, Valves & Strainer 2 and Larger	Risk Reduction	$500	$500	$500
PC - Unserviceable Equipment	Risk Reduction	$500	$500	$500
PC - Regulator Vent System Refurbishment	Risk Reduction	$456	$463	$462
PC - Uncoated Piping	Risk Reduction	$203	$206	$205
PC - Corroded Gauge Lines	Risk Reduction	$101	$103	$103
PC - Pressure Monitoring / Telemetrics	Risk Reduction	$500	$500	$500
PC - Gridboss / Automated Adaptive Controls	Risk Reduction	$650	$650	$650
	Sub-Total	**$3,010**	**$3,022**	**$3,020**
Transmission Programs and Projects Total		**$106,804**	**$119,892**	**$116,038**
Security				
Tier 2 Security Improvement	Safety/Security	$1,011	$1,032	$1,031
Various Tunnel Properties - Security Improvements	Safety/Security	$0	$0	$310

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. 2017-2019 GAS CAPITAL PROGRAMS		Total Dollars ($000)		
Project /Program Description	**Category Code**	**FY 17**	**FY 18**	**FY 19**
Security Total		**$1,011**	**$1,032**	**$1,340**
Growth Related Programs and Projects				
OTG - #4/6 Conversions NYC	New Business	$55,244	$29,437	$25,150
OTG - #2 Oil Conversions NYC	New Business	$13,422	$13,234	$12,801
OTG - Westchester Area Growth	New Business	$10,102	$10,322	$10,306
OTG - Westchester Conversions	New Business	$17,590	$18,545	$19,684
New Business - Traditional	New Business	$51,904	$53,144	$53,410
OTG – Regulator Stations	New Business	$24,244	$21,669	$12,569
New Business - Regulator Stations	New Business	$7,072	$7,225	$7,208
Growth Related Programs and Projects Total		**$179,577**	**$153,577**	**$141,128**
Technical Operations				
Liquid Natural Gas (LNG)				
LNG - Purchase and Install Vaporizers 1 and 2	Rplmt – Replacement	$3,250	$1,700	$1,400
LNG - Liquefier Instrumentation	Rplmt – Replacement	$0	$0	$1,163
LNG - Purchase and Install Balance of Plant Instrumentation	Rplmt – Replacement	$0	$1,360	$0
LNG - Year Round Liquefier Operation	Rplmt – Replacement	$1,746	$440	$0
LNG - Plant Boil-Off Compressor	Rplmt – Replacement	$0	$0	$750
LNG - Plant Motor Control Center	Rplmt – Replacement	$0	$1,100	$900
LNG - Plant Regeneration Skid	Rplmt – Replacement	$0	$0	$1,300
LNG - Rebuild Turbines 601 and 626	Rplmt – Replacement	$450	$216	$223
LNG - Reconditioning of Plant Structures	Rplmt – Replacement	$845	$0	$0
LNG Plant- Replacement of Dry Chemical Fire Suppression System Zones 5 & 6A	Rplmt – Replacement	$695	$1,200	$0
LNG Plant - Fire Detection and Suppression Compliance Upgrades	Rplmt – Replacement	$5,937	$2,563	$0
	Sub-Total	**$12,923**	**$8,579**	**$5,736**
Tunnels				
Various Tunnel Properties - Steel Replacement Program	Rplmt – Replacement	$0	$996	$0

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. 2017-2019 GAS CAPITAL PROGRAMS		Total Dollars ($000)		
Project /Program Description	**Category Code**	**FY 17**	**FY 18**	**FY 19**
Ravenswood Tunnel - Electric Upgrade	Rplmt – Replacement	$1,323	$0	$0
Ravenswood Tunnel - NYF Gas Main Rollers	Rplmt – Replacement	$626	$918	$500
Ravenswood Tunnel - Feeder Support	Rplmt – Replacement	$627	$918	$500
Bronx River Tunnel - Hoistway	Rplmt – Replacement	$96	$0	$0
Flushing Tunnel - Hoistway	Rplmt – Replacement	$96	$0	$0
Ravenswood Tunnel - Hoistway	Rplmt – Replacement	$0	$0	$100
Hudson Avenue Tunnel - Oil Minder	Rplmt – Replacement	$0	$0	$35
Ravenswood Tunnel - Oil Minder	Rplmt – Replacement	$0	$0	$35
Various Tunnel Properties – Sump Pumps	Rplmt – Replacement	$0	$75	$0
Various Tunnel Properties - Upgrade Cable Radio Systems	Rplmt – Replacement	$0	$0	$926
Various Tunnel Properties - Asphalt Paving	Rplmt – Replacement	$0	$0	$81
First Ave. Tunnel - Flash Tank Replacement	Rplmt – Replacement	$0	$0	$500
Hudson Avenue Tunnel - Floor Meter	Rplmt – Replacement	$0	$0	$65
	Sub-Total	$2,768	$2,907	$2,742
Meters				
Meter Purchases - New Business and Program Replacements	Equipment Purchases	$9,577	$9,521	$9,600
Meter Purchases - #4/6 Oil-to-Gas	Equipment Purchases	$2,100	$1,800	$1,500
Meter Installations – New Business and Program Replacements	New Business	$16,378	$16,481	$16,495
Meter Installations – #4/6 Oil-to-Gas	New Business	$852	$743	$590
	Sub-Total	**$28,907**	**$28,545**	**$28,185**
Picarro Leak Detection Equipment	Information Technology	**$1,200**	**$0**	**$0**
Technical Operations Total		**$45,799**	**$40,031**	**$36,663**
Storm Hardening Projects Total		**$0**	**$0**	**$0**
Gas Work and Asset Management Total		**$21,929**	**$27,149**	**$32,715**

CONSOLIDATED EDISON COMPANY OF NEW YORK, INC. 2017-2019 GAS CAPITAL PROGRAMS		Total Dollars ($000)		
Project /Program Description	**Category Code**	**FY 17**	**FY 18**	**FY 19**
Municipal Infrastructure Total		**$82,365**	**$82,055**	**$79,860**
Grand Total- GIOP		**$832,948**	**$842,202**	**$867,339**
Additional IT Projects (See DPS-417 For Clarification)				
IGS Interface with Pipeline Bulletin Boards		$655	$0	$0
Transport customer Info System (TCIS) Daily Delivery Service		$0	$0	$0
AMI - Gas meters		$4,711	$18,551	$44,133
Implementation of new TCIS functionality and Technology Upgrades		$2,790	$1,925	$1,425
MV 90 Upgrade/Replacement Project		$0	$0	$800
Gas Transaction System Replacement/Upgrade		$0	$4,390	$3,400
Additional IT Total		**$8,156**	**$24,866**	**$49,758**
Grand Total - GIOP + Additional IT		**$841,105**	**$867,067**	**$917,098**
		$841,105	**$867,067**	**$917,098**

3. Customer Service:

Beginning January 1, 2017, the Company will, for informational purposes, file a report for each calendar quarter (the "Reporting Period"). Each report will be filed with the Secretary within thirty (30) days after the end of each Reporting Period. The report will include the following:

- Number of residential customers who are subject to a $10 minimum written DPA as of the last date of each month in the Reporting period;
- Number of residential customers who are subject to a payment plan for arrears as of the last date of each month in the Reporting period;
- Number of residential late payment charges assessed as of the last date of each month in the Reporting period;

- Number of residential customers at end of month with arrears greater than 60 days that are supplied by an ESCO as of the last date of each month in the Reporting period;
- Number of residential customers who had meters removed under a replevin action as of the last date of each month in the Reporting period;
- Number of residential customers for which replevin actions were commenced for non-payment of utility bills for service supplied by ESCOs as of the last date of each month in the Reporting period; and
- Number of residential customers who had meters removed under replevin actions for non-payment of utility bills for service supplied by ESCOs during prior 12 months as of the last date of each month in the Reporting period.

Appendix 23 – Replevin Letter

FORM OF NEW YORK CITY PRE-REPLEVIN LETTER

[CON ED LOGO]

Date:

Dear Customer:

Our records indicate that you have a past due amount of ($) for utility service under account number XXXXXXXXXXXXXXX at (SERVICE ADDRESS). Since payment was not made and we could not access the meter in order to terminate service, we have the right to begin legal action to recover our meter.

We have not yet brought legal action against you.

You can avoid possible legal action and additional charges on your account by making prompt payment of the total amount due. To pay by phone, please call 1-888-925-5016. Please have your account number along with your banking information available at the time of your call. To pay by mail, please write your account number, shown above, on your check or money order and mail your payment in the enclosed return envelope. Please ensure that our address appears properly in the envelope window. If you cannot pay the total amount due on your account, depending on your circumstances, we may be able to arrange a deferred payment agreement.

If you do not contact us promptly to either pay the total amount due on your account, or if a deferred payment agreement cannot be arranged, we have the right to begin legal action to recover our meter by applying to the court for an order of seizure. Recovering our meter through an Order of Seizure will result in termination of [electric or gas] service.

If legal action is taken against you, you can anticipate the following:

(1) You will be served a “Notice of Application” and “Attorney Affirmation” which contains supporting documentation about the money you owe to the Company, and informing you of the legal action against you in an attempt to recover our utility meter because you have failed to pay the outstanding balance listed above on your account.

(2) You will have fifteen (15) days from the date the “Notice of Application” and “Attorney Affirmation” are mailed to you to appear at the designated court to respond.

(3) When you appear at the designated court, you will have two options:

a. You must either inform the clerk of the court that you request a voluntary informal conference (“VIC”) be scheduled by the court; or
b. You must inform the clerk of the court that you do not wish to participate in a VIC, and

that you request that a hearing with a Judge be scheduled by the court instead.

<u>NOTE ABOUT VOLUNTARY INFORMAL CONFERENCES</u>

Voluntary informal conferences ("VIC") are optional. Selecting to have a VIC means that the court clerk will schedule a date and time for you to discuss your account with a representative from Con Edison at the courthouse. However, a VIC can only be scheduled by the court clerk ***if requested by you***. At the VIC, it may be possible for the Con Edison representative to establish a new deferred payment agreement even if you defaulted on a payment agreement previously. Our records indicate that previously you defaulted on a Payment Agreement on (MMDDYY).

In preparing for a voluntary informal conference with the Company, or alternatively, for a hearing before a Judge, please bring proof of any medical condition necessitating utility service for you or a member of your household, or documentation showing your status, or a family member's status, as elderly, blind, or having a disability. You may also choose to bring proof of unemployment, or financial hardship to support your request for a reduced deferred payment agreement.

(4) If you do not respond to the Notice of Application within fifteen days from the date it was mailed to you, we may present an order of seizure for a Judge's signature. If an order of seizure is signed, the court will likely authorize a City Marshal to gain access to the premises to recover our meter, and a court filing fee, and a Marshal fee, will both likely be added to your account.

As stated above, we have not yet brought legal action against you. **You can prevent legal action from occurring by contacting us immediately** to arrange payment of the balance on your account, or to request a deferred payment agreement.

Keep this letter as a guide in the event that we decide to take legal action against you

Appendix 24 -- Low Income Template

QUARTERLY LOW INCOME REPORT

[Company Name]

LOW INCOME PROGRAM

QUARTER ENDING: 3/31/2016

ITEM DESCRIPTION	CUSTOMERS		
	Electric-only	Gas-only	Combination
1a. Rate discount participants -Total			
1b. Tier 1			
1b. Tier 2			
1c. Tier 3			
1d. Tier 4			
1e. New enrollments			
1f. Exited customers			
2a. Arrears forgiveness participants - Total			
2b. New enrollments			
2c. Exited customers			
2d. Completed			
2e. Defaulted			
2f. Cancelled (customer request)			
2g. Other			
4a. Energy efficiency program participant referrals - Total			
4b. EmPower-NY			
4c. Other			
3. Participant reconnnection fees waived - Total			

ITEM DESCRIPTION	DOLLARS	
	Electric	Gas
5a. Rate discounts - Amount expended		
5b. Over/undercollection		
6a. Arrears forgiveness - Amount expended		
6b. Over/undercollection		
7a. Reconnection fee waivers - Total		
7b. Remaining balance		
8. Average bill - Heating		
9. Average bill - Non-heating		
10a. Total Over/Under Collection		
10b. Regulatory Asset/(Liability) Balance-End of Qua		

ITEM DESCRIPTION	COLLECTION DATA	
	Customers	Dollars
11. Participant Arrears - Total		
12. Termination notices sent to participants		
13a. Participants terminated		
13b. Heat-related		
14a. Participants reconnected		
14b. Due to HEAP/DSS		
14c. Due to DPA		
15a. Active Participant DPAs - beginning of period		
15b. DPAs made		
15c. DPAs reinstated		
15d. DPAs defaulted		
15e. DPAs satisfied		
15f. Active Participant DPAs - End of Period		
15g. Participant DPAs in Arrears >60 days		
16. Participant Uncollectibles		
17. Budget Billing Participants		
17a. Credit Reconciliations (overcollection)		
17b. Debit Reconciliations (undercollection)		