Rider X - Workpapers

Table of Contents

Schedule 1	Electric Underground Facilities Rental Rate Calculation	5 pages
Schedule 2	Service Lateral Rental Rate Calculation	4 pages
Schedule 3	Innerduct/Telecom Manhole Use Rental Rate Calculation	1 page
Schedule 4	Tunnel Rental Rate Calculation	2 pages
Schedule 5	River Crossing Rental Rate Calculation	1 page
Schedule 6	Manhole Point of Entry / Exit Rental Rate Calculation	1 page
Schedule 7	Transmission Tower Attachment Rental Rate Calculation	1 page
Schedule 8	Rights-of-Way Calculation	1 page
Schedule 9	Telecommunications Manhole Average Cost Calculation	1 page
Schedule 10	Unused Telecom Manhole Average Cost Calculation	1 page

Information Source

Backbone/Spur Route Rate Calculation

Formula based on FCC "Reconsideration Order", Appendix F-2, adopted May 22, 2001

Rate = (1 / number of innerduct) X (Net Conduit Investment / Total System Conduit Footage) X Carrying Charge Where;

Net Conduit Investment	(A)	2,990,814,020	Schedule 1, page 2 of 5
Carrying Charge	(B)	30.97%	Schedule 1, page 4 of 5
Total System Conduit Footage	(C)	135,033,579	Schedule 1, page 5 of 5
Rate per Foot of Innerduct (Existing Co	onduit)	= (1 / Number of Inne	erducts) X (A / C) X B
Average Innerduct per Duct		2.94	Schedule 1, page 5 of 5
Rate per Foot of Innerduct (Existing Co	onduit)	\$2.3332	Annual Rate

Consolidated Edison Company of New York, Inc. Rider X

Schedule 1 Page 2 of 5

Net Conduit Investment Calculation

Information Source

Gross Conduit Investment, Acct. 366 \$ 4,951,146,426 PSC Annual Report, p. 207, line 68, col g

Less Accumulated Depreciation, Acct. 366 1,201,505,618 Schedule 1, page 3 of 5

Less ADIT, Conduit 758,826,788 Schedule 1, page 3 of 5

Net Conduit Investment \$ 2,990,814,020

ADIT & Accumulated Depreciation

Formula based on FCC "Reconsideration Order", Appendix F-2, adopted May 22, 2001

<u>ADIT</u>

Accounts 366, 367, 369

ADIT (366, 367, 369) = [Gross Conduit Investment (Account 366, 367, or 369) / Total Gross Plant (electric)] X (Total ADIT Account 190, electric)

Given:				Information Source
Gross Conduit Investment, Account 366		Α	4,951,146,426	PSC Annual Report, p. 207, line 68, col g
Gross UG Conductors and Devices Investment, Account 367		В	7,591,139,816	PSC Annual Report, p. 207, line 69, col g
Gross Services Conduit Investment, Account 369		С	927,359,424	PowerPlant CPR
Total Gross Plant, electric		D	32,420,043,566	PSC Annual Report, p. 200, line 8, col c
		Е	4,968,788,114	Acct (281, 282, 283) - 190
Then:				
ADIT, conduit, Account 366	= (A / D) X E		758,826,788	
ADIT, UG Conductors and Devices, Account 367	= (B / D) X E		1,163,439,685	
ADIT, services, Account 369	= (C / D) X E		142,129,744	
			2,064,396,217	

Accumulated Depreciation

Accounts 366, 367, 369

-					Information Source
Electric Pl	ant				
	Accumulated Depreciation, Plant		F	7,867,443,445	PSC Annual Report, p. 200, line 22, col c
	Gross Plant Investment		G	32,420,043,566	PSC Annual Report, p. 200, line 8, col c
	Plant Depreciation Ratio, overall	= (F / G)		0.24	
Conduit, A	account 366				
	Gross Conduit Investment		Н	4,951,146,426	PSC Annual Report, p. 207, line 68, col g
	Plant Depreciation Ratio		-1	0.24	
	Accumulated Depreciation, Conduit	= (H X I)		1,201,505,618	
Undergrou	and Conductors and Devices, Account 367				
	Gross UG Conductors and Devices Investm	ent	J	7,591,139,816	PSC Annual Report, p. 207, line 69, col g
	Plant Depreciation Ratio		K .	0.24	
	Accumulated Depreciation	= (J X K)		1,842,158,634	
Services,	Account 369				
	Gross Services Conduit Investment		L	927,359,424	PowerPlant CPR
	Plant Depreciation Ratio		M	0.24	
	Accumulated Depreciation, services	= (L X M)		225,044,356	

BACKBONE / SPUR Carrying Charge

Formula based on FCC "Reconsideration Order", Appendix F-2, adopted May 22, 2001

PSC 366 Carrying Charge

A) Administrative Element = Total A&G / (Gross plant - Depreciation - ADIT)

Information Source

Total A&G 556,760,478 PSC Annual Report, p. 323, line 168, col b Gross Plant Investment, electric 32,420,043,566 PSC Annual Report, p. 200, line 8, col c Accumulated Depreciation, plant 7,867,443,445 PSC Annual Report, p. 200, line 22, col c 4,968,788,114 Acct (281, 282, 283) - 190

Administrative Element 2.84%

laintenance Element	= Acc [(Book Cost 366+367+369) - (Depreciation	ount 594 n 366+367+369) - (ADIT 366+367+369)]
ccount 594	220,198,721	PSC Annual Report, p. 322, line 157 col b
onduit Investment		
Book Cost, 366	4,951,146,426	PSC Annual Report, p. 207, line 68, col g
Book Cost, 367	7,591,139,816	PSC Annual Report, p. 207, line 69, col g
Book Cost, 369	927,359,424	PowerPlant CPR
	13,469,645,666	
onduit Depreciation		
Account 366	1,201,505,618	Schedule 1, page 3 of 5
Account 367	1,842,158,634	Schedule 1, page 3 of 5
Account 369	225,044,356	Schedule 1, page 3 of 5
	3,268,708,609	
ADIT 366	758,826,788	Schedule 1, page 3 of 5
ADIT 367	1,163,439,685	Schedule 1, page 3 of 5
ADIT 369	142,129,744	Schedule 1, page 3 of 5
	2,064,396,217	. •

Maintenance Element

2.71%

E) <u>Depreciation Element</u> = (Gross Conduit Investmt, Acct. 366) X Depreciation rate

Net Conduit Investment

Gross Conduit Investment, Acct. 366 4,951,146,426 PSC Annual Report, p. 207, line 68, col g

Net Conduit Investment 2,990,814,020 Schedule 1, page 2 of 5

Depreciation Rate 1.76%

Depreciation Element 2.91%

D)	Taxes Element	= (Account 408.1 + 409.1 + 410.1 + 411.4 - 411.1)
		(Gross Plant Inv - Depreciation - ADIT)

Account 408.1 2,054,756,866 PSC Annual Report, p. 115, line 14, col e

Account 409.1 107,700,104

Account 410.1 2,608,313,324 PSC Annual Report, p. 115, line 17, col e Account 411.4 (1,446,424) PSC Annual Report, p. 115, line 19, col e

 Account 411.1
 2,563,844,295
 PSC Annual Report, p. 115, line 18, col e

 Gross Plant Inv
 32,420,043,566
 PSC Annual Report, p. 200, line 8, col c

 Depreciation, Electric Plant
 7,867,443,445
 PSC Annual Report, p. 200, line 22, col c

ADIT 4,968,788,114

Taxes Element 11.26%

E) Rate of Return Element 11.25% FCC default

Carrying Charge Rate (A+B+C+D+E) 30.97%

Consolidated Edison Company of New York, Inc. Rider ${\bf X}$

Schedule 1 Page 5 of 5

Innerduct Footage, Account 366

Accounts 6096 & 6994					l otal System	
Duct size diameter	< 3"	3" - 3.5"	4" - 4.5"	5"+	Footage	
Footage	486,266	25,333,298	90,442,349	18,771,666	135,033,579	
Number of innerduct	1	2	3	4		
Total Footage of Innerduct	486,266	50,666,596	271,327,047	75,086,664	397,566,573 To	tal Footage of Innerduct for
				-	Ва	ckbone / Spur System

2.94 Innerduct per duct,

					current weighted average
Account 6096	Footage less than 3"	3 - 3.5	4" - 4.5"	5"+	
	473,547	11,216,564	65,149,852	11,157,824	
Sub-total	473,547	11,216,564	65,149,852	11,157,824	87,997,787
Account 6994	Footage less than 3"	3 - 3.5	4" - 4.5"	5"+	
	12,719	14,116,734	25,292,497	7,613,842	
Sub-total	12,719	14,116,734	25,292,497	7,613,842	47,035,792
Total					135,033,579

Service Lateral Rental Rate Calculation

Rate = (1 / number of innerduct per duct) X (Net Service Investment / Total Service Footage) X Carrying Charge

Note: The weighted average number of innerduct per service duct is

1.92 from Schedule 2, page 3 of 4

Where;

				Information Source
Net Service Investment	(A)	560	,185,324	Schedule 2, page 2 of 4
Carrying Charge	(B)		33.57%	Schedule 2, page 4 of 4
Total footage of duct	(C)	19	,031,923	Acct. 369, PowerPlant CPR , Acct 369200
Rate per Foot of Service L	ateral	= (A / C)	X B X 1 / 1.92	Schedule 2, page 3 of 4
Rate per Foot of Service L	ateral	\$	5.15	Annual Rate

Consolidated Edison Company of New York, Inc. Rider X

Schedule 2 Page 2 of 4

Net Service Investment Calculation

Where;

Net Service Conduit Investment = (Gross Service Investment, Acct. 369) - (Accum. Service Depreciation) - (ADIT, services)

Book Cost, Acct. 369 \$ 927,359,424 PowerPlant CPR

Less Depreciation 369 \$ 225,044,356 Schedule 1, page 3 of 5

Less ADIT (services) \$ 142,129,744 Schedule 1, page 3 of 5

Net Service Conduit Investment \$560,185,324

Schedule 2 Page 3 of 4

Service Laterals- Average Weighted Innerduct per Duct

Acct. 369

Based on Data From PowerPlant CPR and PowerPlant Equipment ledger Year-end 2021

<u>Diameter</u>	No. Srvcs	<u>Feet</u>	<u>Innerduct</u>	Innerduct feet
1	4	101	0	-
1.5	1,951	59,861	0	-
2	238,570	8,347,547	1	8,347,547
2.5	19,804	701,033	1	701,033
3	87,553	2,348,676	2	4,697,352
3.5	3,950	122,472	2	244,944
4	221,389	7,294,516	3	21,883,548
4.5	13	445	3	1,335
5	4,032	155,944	4	623,776
6	<u>4</u>	<u>1,328</u>	5	6,640
	577,270	19,031,923		36,506,175

Total Innerduct Footage 36,506,175
Total Service Footage 19,031,923
Average Innerduct per Service Duct **1.92**

Consolidated Edison Company of New York, Inc. <u>Service Lateral Carrying Charge</u> Rider X

Schedule 2 Page 4 of 4

Account 369

A) Administrative Element

Same as Backbone/Spur 2.84% Schedule 1, page 4 of 5

B) Maintenance Element

Same as Backbone/Spur 2.71% Schedule 1, page 4 of 5

C) <u>Depreciation Element</u> = (Gross Service Investment, 369) X Depreciation Rate

Net Service Investment, 369

		Information Source
Gross Service Conduit Investment, 369	927,359,424	PowerPlant CPR

Net Service Conduit Investment 560,185,324 Schedule 2, page 2 of 4

Depreciation rate, services 3.33%

5.51%

D) Taxes Element

Same as Backbone/Spur 11.26% Schedule 1, page 4 of 5

E) Rate of Return Element 11.25% Schedule 1, page 4 of 5 , FCC Default

<u>Carrying Charge Rate</u> (A+B+C+D+E) 33.57%

Rider X

Calculation of Rates Effective September 1, 2022

Calculation of Rental Rate for Use of Innerduct

Electric Underground Facilities

_	Double Date (f) (f) of invasiduati)	#0.0000
а	Rental Rate (\$/ft of innerduct)	\$2.3332
b	Innerduct Footage in existing duct	<u>528,161</u>
С	Revenue Requirement, Electric Underground Facilities (a * b)	\$1,232,305
	Telecommunications Underground Facilities	
d	Innerduct Footage	105,382
e f g	Calculation of Levelized Charge Telecommunications Underground Facilities Costs Levelized Carrying Charge Levelized Charge (e * f)	\$397,989 18.01% \$71,671
h i	<u>Calculation of 10% Charge on Original Book Cost</u> Original Book Cost 10% Charge (h * 10%)	\$14,312,606 1,431,261
j	Revenue Requirement, Telecom Underground Facilities (g + i)	\$1,502,932
k	Calculation of Rental Rate for Use of Innerduct Total Revenue Requirement (c+j)	\$2,735,237
1	Footage of Innerduct in use or reserved in Electric (b)	528,161
m	Footage of Telecom Underground Facilities (d)	<u>105,382</u>
n	Total Footage (I + m)	633,543
0	Rental Rate for Use of Innerduct (k / n), \$ Per Innerduct Foot Per Year	\$4.3174
Calculat	tion of Rental Rate for Telecom Manholes	
p q r	Calculation of Levelized Charge Telecom Underground Facilities Costs, with Adders Levelized Carrying Charge Levelized Charge (p*q)	\$0 18.01% \$0
s t	Calculation of 10% Charge on Original Book Cost Original Book Cost 10% Charge (s * 10%)	\$9,296,122 929,612
u	Rev Requirement, Telecom Manholes (r + t)	\$929,612
V W	Number of Manhole Uses Rental Rate, \$ / manhole use / year (u / v)	424 \$2,192
		. ,

Tunnel Rate Calculations

Formula = (Revenue Requiremt of Unusable Space) + ((25% of Book Cost - Revenue Requiremt of Unusable Space) X Area of Innerduct w/ hanger)

Number of Users

Usable Area

Tunnel Crossings Α В С Book Cost, Year-End 2021 9,590,731 \$ 17,137,155 \$ 9,505,110 \$ а 25% Carrying Charge = a X 0.25 \$ 2,397,683 4,284,289 \$ 2,376,277 b Shaft Diameter, feet 10 18 С 26 Total Area sq footage = 3.14 X (c / 2)2 78.5 530.7 d 254.3 Usable Area = d - f 31.6 227.4 75.1 е Common Area, See p. 2 of 2 46.9 303.3 179.2 f Percent Unusable Area = f / d 59.7% 57.2% 70.5% g Revenue Requirement of Usable Area = b - j h 965,946 1,835,483 701,763 Cost per Sq. Ft., Usable Area = h/e \$ \$ \$ 30,544 8,073 9,344 Revenue Requirement of Unusable Area = b X g \$ 1,431,737 \$ 2,448,806 \$ 1,674,514 Area of innerduct with hanger, 2" x 2" space 0.03 k 0.03 0.03 280 Cost per innerduct = i X k \$ 916 \$ 242 \$ Total Cost per innerduct or cable = (j/m)+l Number of Users* 5 \$287,263 m \$490,003 5 m 6 \$279,366 m

^{*} Con Edison electric is considered a separate user for each transmission voltage in a tunnel. Con Edison Gas, Steam and communication are each considered separate users. Each Telecom innerduct/cable is considered a user.

Tunnel Rate Calculations

UNUSABLE SPACE CALCULATION

Tunnel Crossing A

			Total Area
Diameter	10.17	ft	
Total Area	78.5	sq-ft	78.5
Unusable/common spa	ace items in sl	<u>naft</u>	
Elevator	(5 x 2.5)/2		6.3
Landing	25% of shaft	inclusive of 1/2 elev & Maint riser	19.6
I beams	.67 x 27ft		18
Ladder	1.5 x 2		3
Maintenand	ce riser	0	0
		unusable/common space	46.9

Tunnel Crossing B

			Total Area
Dia	26	ft	
Total Area	530.7	sq-ft	530.7 sq-ft
Unusable/common spa	ace items in sh	<u>naft</u>	
Elevator	8.125 x 3.25		0.0 sq-ft
Landing	4.875 x 19.5	inclusive of elevator	95.1 sq-ft
I beams	$(.83 \times 68.25)$	+ (.5 x 51.2)	82.485 sq-ft
Ladder	1.5 x 2		3 sq-ft
Maintenand	ce riser		122.8 sq-ft
		unusable/common space	303.3

Tunnel Crossing C

			Total Area
Dia	18	ft	
Total Area	254.34	sq-ft	254.34 sq-ft
Unusable/common spa	ace items in sh	<u>naft</u>	
Elevator	0		0 sq-ft
Landing	6.25 x 20	inclusive of elevator & Maint riser	125 sq-ft
I beams	$(.67 \times 69.3) +$	(.5 x 10)	51.2 sq-ft
Ladder	1.5 x 2		3 sq-ft
Maintenand	ce riser	0	0 sq-ft
		unusable/common space	179.2

Schedule 5 Page 1 of 1

Consolidated Edison Company of New York, Inc. Rider X

River Crossings

River Crossing, D

Annual Rate	\$4,643	F = (C/D)*E
Carrying Charge	25.00%	E
Number of Innerduct	5	D
Average cost per duct	\$92,851	C = (A / B)
Number of duct	7	В
Original book cost	649,959	Α

River Crossing, E

Original book cost	80,147	Α
Number of duct	2	В
Average cost per duct	\$40,073	C = (A / B)
Number of Innerduct	7	D
Carrying Charge	25.00%	E
Annual Rate	\$1,431	F = (C/D)*E

Manhole POE to Enter/Exit Company Facilities

Formula = (Carrying Chg. of an Elec. MH) x (Avg. Original Bk. Cost of an Elec. MH) (Avg. No. of POE's in an Elec. MH)

Rate		(a X b)/c	\$94.2188
Average Number of POE's in an Electric Manhole	С		16
Carrying Charge of an Electric Manhole	b		25%
Average Original Book Cost of Electric Manhole	а	<u>Formula</u>	\$6,030.00

Rider X

Transmission Tower Attachments

Formula = (Book Cost, facility) X (Number of Pot. Telecom Attachments per Tower) X (Carrying Charge)

Total Potential Attachments per Tower

"K" Line

Book Cost, entire facility- towers and fixtures only	а		\$32,322,938
Potential Number of Telecom Attachments (used) per Tower	b		1
Carrying Charge	С		25.00%
Total Potential Attachments* per Tower	d		16
Rate, entire facility	е	(a x b xc)/d	\$505,045.91
Number of Towers	f		386
Rate/Tower	g	g = (e / f)	\$1,308.41
Usable Space Factor	h		80.00%
Attachment/Tower	i	i = g * h	\$1,047

"E" Line

Book Cost, entire facility- towers and fixtures only	а		\$15,549,237
Potential Number of Telecom Attachments (used) per Tower	b		1
Carrying Charge	С		25.00%
Total Potential Attachments* per Tower	d		16
Rate, entire facility	е	(a x b xc)/d	\$242,956.83
Number of Towers	f		144
Rate/Tower	g	g = (e / f)	\$1,687.20
Usable Space Factor	h		80.00%
Attachment/Tower	i	i = g * h	\$1,350

* 16 Total Potential Attachments	2 pair of 3 phase c	onductors	<u>6</u>
	2 Circuits	X 2	12
	2 Static lines		<u>2</u>
			14

Potential Telecom Attachments

Total Potential Attachments

Rights-of-Way

Findings based on Real Estate Appraisal study of February 27, 1997 with 3% annual escalation

Aerial:	\$0.9671	per foot	1998	0.4900	1.03
			1999	0.5047	
			2000	0.5198	
			2001	0.5354	
			2002	0.5515	
			2003	0.5680	
			2004 2005	0.5851 0.6026	
			2005	0.6207	
			2007	0.6393	
			2008	0.6585	
			2009	0.6783	
			2010	0.6986	
			2011	0.7196	
			2012	0.7412	
			2013	0.7634	
			2014	0.7863	
			2015	0.8099	
			2016	0.8342	
			2017	0.8592	
			2018	0.8850	
			2019	0.9115	
			2020	0.9389	
			2021	0.9671	
	* 4 • * • • • • • • • • • • • • • • • • • • •				4.00
Underground:	\$1.9736	per foot	4000	1 0000	1.03
Underground:	\$1.9736	per foot	1998	1.0000	1.03
Underground:	\$1.9736	per foot	1999	1.0300	1.03
Underground:	\$1.9736	per foot	1999 2000	1.0300 1.0609	1.03
Underground:	\$1.9736	per foot	1999 2000 2001	1.0300 1.0609 1.0927	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002	1.0300 1.0609 1.0927 1.1255	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003	1.0300 1.0609 1.0927 1.1255 1.1593	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685 1.5126	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685 1.5126 1.5580	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2010 2011 2012 2013 2014	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685 1.5126 1.5580 1.6047	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685 1.5126 1.5580 1.6047 1.6528	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685 1.5126 1.5580 1.6047 1.6528 1.7024	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685 1.5126 1.5580 1.6047 1.6528 1.7024 1.7535	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685 1.5126 1.5580 1.6047 1.6528 1.7024 1.7535 1.8061	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685 1.5126 1.5580 1.6047 1.6528 1.7024 1.7535 1.8061 1.8603	1.03
Underground:	\$1.9736	per foot	1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018	1.0300 1.0609 1.0927 1.1255 1.1593 1.1941 1.2299 1.2668 1.3048 1.3439 1.3842 1.4258 1.4685 1.5126 1.5580 1.6047 1.6528 1.7024 1.7535 1.8061	1.03

Consolidated Edison Company of New York, Inc.

Schedule 9 Page 1 of 1

Rider X

Calculation of Average Cost of a Telecom Manhole

Manhole Construction Costs Through May 2003 (incl adders)	\$9,100,368
Manhole Costs June through October 2003	51,660
Telergy Manholes Occupied by CEC through Oct. 2003	531,505
Manhole Costs Nov. 2003 through Jan. 2004	51,656
Subtotal	\$9,735,189
Customer Contributions to Manhole Depreciation	(1,330,196)
Manhole Costs Net of Depreciation Recoveries	\$8,404,993
CIAC Tax	1,284,332
Manhole Cost Including CIAC	\$9,689,325
Add Back Depreciation Recoveries	1,330,196
Subtotal	\$11,019,521
Manhole Costs Feb. 2004 - June 2004	\$74,800
Manhole Costs July 2004 - June 2005	\$41,379
Manhole Costs July 2005 - June 2006	\$104,669
Manhole Costs July 2006 - June 2007	\$30,716
Manhole Costs July 2007 - June 2008	\$0
Manhole Costs July 2008 - June 2009	\$0
Manhole Costs July 2009 - June 2010	\$0
Manhole Costs July 2010 - June 2011	\$60,987
Manhole Costs July 2011 - June 2012	\$95,344
Manhole Costs July 2012 - June 2013	\$0
Manhole Costs July 2013 - June 2014	\$152,433
Manhole Costs July 2014 - June 2015	\$0
Manhole Costs July 2015 - June 2016	0
Manhole Costs July 2016 - June 2017	0
Manhole Costs July 2017 - June 2018	0
Manhole Costs July 2018 - June 2019	0
Manhole Costs July 2019 - June 2020	0
Manhole Costs July 2020 - June 2021	0
Manhole Costs July 2021 - June 2022	0
Total Manhole Costs	\$11,579,848
Number of Telecom Manholes	285
Average Cost Per Telecom Manhole	\$40,631

Consolidated Edison Company of New York, Inc. Rider X

Schedule 10 Page 1 of 1

Unused Telecom Manhole Average Cost

	Number of Manholes	Total Costs	Average Cost Per Manhole
Telergy Manholes	83	\$2,925,641	\$35,249