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End Office Originating and Terminating Revenue at 12/29/2011 Rates and FY 2011	
FY 2011 Originating and Terminating Local Switching MOU	
2011 Baseline Composite Terminating End Office Rate	
TY Target Composite Terminating End Office Rate	
TY Expected Maximum Terminating End Office Revenue	
TY Expected Terminating Local Switching MOU	
TY Effective Composite Terminating End Office Rate (to determine compliance)	

	TY 2012-2013 (Note 3)	TY 2013-2014	TY 2014-2015	TY 2015-2016	TY 2016-2017
Most Recently Filed Interstate Switched Access Revenue Requirement	Input	F7	F7	F7	F7
TY Baseline Adjustment Factor (BAF)	0.95	.95*.95	.95*.95*.95	.95*.95*.95*.95	.95*.95
BAF X Most Recently Filed Interstate Switched Access Revenue Requirement	F7*.95	H7*.H8	J7*.J8	L7*.L8	N7*.N8
NECA Pool Administration Expense	Input	Input	Input	Input	Input
Total Expected Maximum Interstate Revenue	Sum of Col. H	Sum of Col. K	Sum of Col. X	Sum of Col. AI	Sum of Col. AV
Interstate True-up Adjustment	NA	NA	O75	AB75	AO75
Interstate Eligible Recovery	F9+I10-F11	H9+H10-H11	J9+J10-J11+J121	L9+L10-L11+L12	N9+N10-N11+N12

TY 2012-2013 Interstate Rate and Eligible Recovery Calculations								TY 2013-2014 Interstate Calculations			TY 2014-2015 Interstate Rate and Eligible Recovery Calculations								
Interstate Tariff Section	USOC	Interstate Switched Access Rate Element	Unit of Demand (e.g., MOU or DS1)	12/29/11 Interstate Rate	7/3/2012 Proposed Rate	TY 2012-2013 Expected Maximum Revenue	TY 2012-2013 Expected Maximum Revenue	7/2/2013 Proposed Rate	TY 2013-2014 Expected Units	TY 2013-2014 Expected Maximum Revenue	TY 2012-2013 Actual Realized Units	TY 2012-2013 Expected Units Less Actual Realized Units	TY 2012-2013 Maximum Revenue	TY 2012-2013 True-Up Revenue	FY 2011 Originating and Terminating End Office Units	End Office Price- Out with 12/29/2011 Rates and FY 2011 Units	7/1/2014 Proposed Terminating End Office Rate	TY 2014-2015 Expected Terminating End Office Units	
Input	Input	Input (Note 2)	Input	Input	Input	Input	E*G	Input	Input	E*J	Input (Note 5)	G-L	Input (Notes 6, 7)	E*M or H74-N74	Input	E*P	W9 or Input (Notes &, 9, 10)	Input	
		***END OFFICE ACCESS SERVICE***																	
		Composite End Office Terminating Rate	MOU	----	----			----										0.031670	
		**LOCAL SWITCHING **																	
6.9.3(A)	LS2	Local Switching - Terminating	MOU	0.042622	0.042622				0.042622										
		** INFORMATION **																	
6.9.3(C)	IS	Information Surcharge	per 100 MOU	0.23832	0.23832				0.23832										
		** TANDEM-SWITCHED TRANSPORT AND TANDEM **																	
6.9.2(C)(1)	TSTRN	Tandem Switched Transport - Tandem Transport Per Minute	MOU	0.003993	0.003993				0.003993										
		** SIGNALING FOR TANDEM SWITCHING **																	
		** DIRECT-TRUNKED TRANSPORT **																	
6.9.2(D)(1)	DTFVG	Direct Trunked Facility	VG	0.56	0.56				0.56										
6.9.2(D)(1)	DTFDS1	Direct Trunked Facility	DS-1	3.56	3.56				3.56										
6.9.2(D)(2)	DTTVG	Direct Trunked Termination	VG	55.87	55.87				55.87										
6.9.2(D)(2)	DTTDS1	Direct Trunked Termination	DS-1	178.44	178.44				178.44										
6.9.2(E)	MUXDS1	Multiplexing Per Arrangement (DS-1 to Voice)		280.05	280.05				280.05										
		** DEDICATED SIGNALING TRANSPORT **																	
		** ENTRANCE FACILITIES **																	
6.9.2(A)(1)	EFVG	Entrance Facilities	VG	73.02	73.02			73.02											
6.9.2(A)(2)	EFDS1	Entrance Facilities	DS-1	195.45	195.45			195.45											
		** LINE INFORMATION DATABASE **																	
6.9.4(A)	QB	800 DB Queries-Basic	QUERY	0.00633	0.00633			0.00633											
6.9.4(B)	QV	800 DB Queries-Vertical	QUERY	0.006467	0.006467			0.006467											
		** BILLING NAME AND ADDRESS **																	

Interstate Composite Terminating End Office Rate Calculations (Note 4)												
TY 2014-2015			TY 2015-2016		TY 2016-2017		TY 2017-2018		TY 2018-2019		TY 2019-2020	
1 Demand		Q74		Q74		Q74	---	---	---	---	---	---
		Input		W7		W7	---	---	---	---	---	---
	NECA Rate	W6/W7	0.045005	Y6/Y7	0.045005	AA6/AA7	0.045005	---	---	---	---	---
	NECA Rate	W8-((W8-.005)/3) or W8	0.031670	.005+((Y8-.005)/3) or Y8	0.018335	.005 or AA8	0.005000	.0007+((.005-.0007)*2/3) or AA9	0.003567	.0007+((.005-.0007)*1/3) or AC9	0.002133	.0007 or AE9
	T74		AE74		AR74		BE74		BR74		CE74	
	Input		Input		Input		Input		Input		Input	
	W10/W11	0.031670	Y10/Y11	0.018335	AA10/AA11	0.005000	AC10/AC11	0.003567	AE10/AE11	0.002133	AG10/AG11	0.000700

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2018 Switched Access Revenue Requirement Based on Frozen Category Relationships (carriers that unfreeze cat. rel. only)  
2018 Switched Access Revenue Requirement Based on Unfrozen Category Relationships (carriers that unfreeze cat. rel. only)  
Base Period Revenue Adjustment Due to Unfreezing Category Relationships

Input	
Input	
BG1-BG2	

Interstate Eligible Recovery Summary (continued from cell N6)						
		TY 2017-2018		TY 2018-2019		TY 2019-2020
Most Recently Filed Interstate Switched Access Revenue Requirement		F7		F7		F7-BG3
TY Baseline Adjustment Factor (BAF)		.95**6	0.7351	.95**7	0.6983	.95**8
BAF X Most Recently Filed Interstate Switched Access Revenue Requirement		BC7*BC8		BE7*BE8		BG7*BG8
NCA Pool Administration Expense		BI74		Input		Input
Total Expected Maximum Interstate Revenue		BV74		BV74		CV74
Interstate True-up Adjustment		BB74		BO74		CB74
Interstate Eligible Recovery		BC9+BC10-BC11+BC12		BE9+BE10-BE11+BE12		BG9+BG10-BG11+BG12

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	TY 2012-2013 (Note 2)	TY 2013-2014	TY 2014-2015	TY 2015-2016	TY 2016-2017	TY 2017-2018	TY 2018-
Total FY 2011 Actual Revenue for Transitional Intrastate Access Service Rate Elements	Sum of Col. O	Sum of Col. O	Sum of Col. O	Sum of Col. O	Sum of Col. O	Sum of Col. O	Sum of Col. O
Baseline Adjustment Factor X Total FY 2011 Actual Revenue for Transitional Intrastate Access Service Rate Elements	Sum of Col. P	0.95*0.95*17	0.95*0.95*7	.95*.95*.95*M7	.95*.95*O7	.95*6*Q7	.95*7*Q7
Total Expected Maximum Transitional Intrastate Access Service Revenue	Sum of Col. R	Sum of Col. X	Sum of Col. AG	Sum of Col. AO	Sum of Col. AW	Sum of Col. BE	Sum of Col. BM
Intrastate True-up Adjustment	NA	NA	AB69	AK69	AS69	BA69	BI69
Total Intrastate Eligible Recovery	Sum of Col. S	I8-I9	K8-K9+K10	M8-M9+M10	O8-O9+O10	Q8-Q9+Q10	S8-S9+S10

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Total

2019	TY 2019-2020 (Note 3)
	Sum of Col. O .95^8*U7 Sum of Col. BU BQ69 U8-U9+U10

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Filing Date:	7/9/2019
Filing Entity:	Union Telephone Company
Transmittal Number:	89
COSA:	512297

	TY 2012-2013 (Note 2)	TY 2013-2014	TY 2014-2015	TY 2015-2016	TY 2016-2017	TY 2017-2018	TY 2018-2019	TY 2019-2020 (Note 3)
Reciprocal Compensation Eligible Recovery Revenue	O22	W22	AI22	AU22	BG22	BS22	CE22	CQ22
Reciprocal Compensation Revenue True-Up	NA	NA	AA22	AM22	AY22	BK22	BW22	CI22
Reciprocal Compensation Eligible Recovery Expense	J28	U28	AG28	AS28	BE28	BQ28	CC28	CO28
Reciprocal Compensation Expense True-Up	NA	NA	AA28	AM28	AY28	BK28	BW28	CI28
Net Reciprocal Compensation Eligible Recovery	E7-E9	G7-G9	I7+I8-I9-I10	K7+K8-K9-K10	M7+M8-M9-M10	O7+O8-O9-O10	Q7+Q8-Q9-Q10	S7+S8-S9-S10

Reciprocal Compensation				Equivalent Interstate Access			TY 2012-2013 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations								TY 2013-2014 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations								TY 2012-2013 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations		
Revenue Category (Note 1)	FY 2011 Revenue	FY 2011 MOU	FY 2011 Average Rate	FY 2011 Terminating Revenue	FY 2011 Terminating MOU	FY 2011 Average Rate	July 3, 2012 Average Rate and FY 2011 Units	Price Out with July 3, 2012 Average Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2012-2013 Expected Demand	TY 2012-2013 Expected Revenue	95% of FY 2011 Revenue	TY 2012-2013 Rec. Comp. Eligible Recovery Revenue	July 2, 2013 Average Rate	Price Out with July 2, 2013 Average Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2013-2014 Expected Demand	TY 2013-2014 Expected Revenue	90.25% of FY 2011 Revenue	TY 2013-2014 Rec. Comp. Eligible Recovery Revenue	TY 2012-2013 Actual Realized Demand	TY 2012-2013 Actual Realized Demand	TY 2012-2013 Expected Demand Less Actual Revenue
	Input	Input	B/C	Input	Input	E/F	(D-G)/2+G or D	H*C	B - I	(J/B)*100	Input	H*L	.95*B	N-M	Min D or G	P*C	B - Q	(R/B)*100	Input	P*T	.9025*B	V-U	Input (Note 4)	L-X	Input (Notes 5 and 6)
End Office Switching			0.004000			0.041449	0.004000			N/A					0.004000			N/A							
Tandem Switching			0.000000			0.000000	0.000000			N/A					0.000000			N/A							
Common Transport			0.000000			0.000000	0.000000			N/A					0.000000			N/A							
Transport and Termination			0.007457			0.004506	0.005981			N/A					0.004506			N/A							
Total			0.005176			0.007212									0.00517585										

TY 2012-2013 Reciprocal Compensation Eligible Recovery Expense Calculations									
Expense Category	FY 2011 Expense	FY 2011 MOU	FY 2011 Average Rate	% Revenue Difference	July 3, 2012 Average Rate	TY 2012-2013 Expected MOU	TY 2012-2013 Expected Expense	95% of FY 2011 Expense	TY 2012-2013 Rec. Comp. Eligible Recovery Expense
	Input	Input	B/C	K22	D*(1-E)	Input	F*G	.95*B	I-H
Total Expense			0.009062		0.008184				

TY 2013-2014 Reciprocal Compensation Eligible Recovery Expense Calculations					
% Revenue Difference	July 2, 2013 Average Rate	TY 2013-2014 Expected MOU	TY 2013-2014 Expected Expense	90.25% of FY 2011 Expense	TY 2013-2014 Rec. Comp. Eligible Recovery Expense
S22	D*(1-P)	Input	Q*R	.9025*B	T-S
	0.007305				

TY 2014-		
TY 2012-2013 Actual Realized MOU	TY 2012-2013 Expected MOU Less Actual Realized MOU	TY 2012-2013 Expense
Input (Note 7)	G-X	Input

Note 1: Use rows 16, 17, and 18 for traffic carried pursuant to reciprocal compensation agreements that specify separate rates for end office switching, tandem switching, and common transport. Use row 19 for traffic carried pursuant to reciprocal compensation agreements that specify only a single transport and termination rate.

Note 2: This worksheet, the 2018 RoLR ILEC Rec. Comp. worksheet, has both non-shaded and shaded cells. Both types of cells must be populated with data and formulas.

2011 Baseline Composite Terminating End Office Rate  
Target Composite Terminating End Office Rate  
Difference

TY 2014-2015 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations									TY 2015-2016 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations												TY 2016-2017 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations			
TY 2012-2013 True-Up Revenue	July 1, 2014 Rate	Price Out with July 1, 2014 Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2014-2015 Expected Demand	TY 2014-2015 Expected Revenue	85.74% of FY 2011 Revenue	TY 2014-2015 Rec. Comp. Eligible Recovery Revenue	TY 2013-2014 Actual Realized Demand	TY 2013-2014 Actual Realized Demand Less Expected Demand	TY 2013-2014 Revenue	TY 2013-2014 True-Up Revenue	July 1, 2015 Rate	Price Out with July 1, 2015 Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2015-2016 Expected Demand	TY 2015-2016 Expected Revenue	81.45% of FY 2011 Revenue	TY 2015-2016 Rec. Comp. Eligible Recovery Revenue	TY 2014-2015 Actual Realized Demand	TY 2014-2015 Expected Demand Less Actual Realized Demand	TY 2014-2015 Revenue	TY 2014-2015 True-Up Revenue
H*Y or M22-Z22	Min P or G-((G-.005)/3); P; or Min P or G-AF34	AB*C	B-AC	(AD/B)*100	Input	AB*AF	.95*.95*.95*B	AH-AG	Input (Note 8)	T-AJ	Input (Notes 9 and 10)	P*AK or U22- AL22	.005+((G-.005)/3); AB; or Min AB or G- AK34	AN*C	B-AO	(AP/B)*100	Input	AN*AR	.95*4*B	AT-AS	Input (Note 12)	AF-AV	Input (Notes 13 and 14)	AB*AW or AG22-AX22
	0.004000 0.000000 0.000000 0.004506 0.00517585			N/A N/A N/A N/A									0.004000 0.000000 0.000000 0.004506 0.0051759			N/A N/A N/A N/A								

2015 Reciprocal Compensation Eligible Recovery Expense Calculations						
TY 2012-2013 True-Up Expense	% Revenue Difference	July 1, 2014 Rate	TY 2014-2015 Expected MOU	TY 2014-2015 Expected Expense	85.74% of FY 2011 Expense	TY 2014-2015 Rec. Comp. Eligible Recovery Expense
F*Y or H-Z	AE22	D*(1-AB)	Input	AC*AD	.95*.95*.95*B	AF-AE
		0.007305				

TY 2015-2016 Reciprocal Compensation Eligible Recovery Expense Calculations									
TY 2013-2014 Actual Realized MOU	TY 2013-2014 Expected MOU Less Actual Realized MOU	TY 2013-2014 Expense	TY 2013-2014 True-Up Expense	% Revenue Difference	July 1, 2015 Rate	TY 2015-2016 Expected MOU	TY 2015-2016 Expected Expense	81.45% of FY 2011 Expense	TY 2015-2016 Rec. Comp. Eligible Recovery Expense
Input (Note 11)	R-AJ	Input	Q*AK or S-AL	AQ22	D*(1-AN)	Input	AO*AP	.95*4*B	AR-AQ
					0.007305				

TY 2016-2017 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations			
TY 2014-2015 Actual Realized MOU	TY 2014-2015 Expected MOU Less Actual Realized MOU	TY 2014-2015 Expense	TY 2014-2015 True-Up Expense
Input (Note 15)	AE-AV	Input	AC*AW or AE-AX

Interstate Composite Terminating End Office Rate Decrease														
TY 2014-2015			TY 2015-2016			TY 2016-2017			TY 2017-2018			TY 2018-2019		
Rate	2019 RoR ILEC Interstate Rates, cell W8	0.045005	2019 RoR ILEC Interstate Rates, cell Y8	0.045005	2019 RoR ILEC Interstate Rates, cell A8	0.045005	2019 RoR ILEC Interstate Rates, cell A8	0.045005	2019 RoR ILEC Interstate Rates, cell A8	0.045005	2019 RoR ILEC Interstate Rates, cell A8	0.045005	2019 RoR ILEC Interstate Rates, cell A8	
	2019 RoR ILEC Interstate Rates, cell W9	0.031670	2019 RoR ILEC Interstate Rates, cell Y9	0.018335	2019 RoR ILEC Interstate Rates, cell A9	0.005000	2019 RoR ILEC Interstate Rates, cell A9	0.003567	2019 RoR ILEC Interstate Rates, cell A9	0.003567	2019 RoR ILEC Interstate Rates, cell A9	0.003567	2019 RoR ILEC Interstate Rates, cell A9	
	AF32-AF33	0.013335	AK32-AK33	0.026670	AP32-AP33	0.040005	AU32-AU33	0.041438	AZ32-AZ33	0.041438	AZ32-AZ33	0.041438	AZ32-AZ33	

iprocal Compensation Rate and Eligible Recovery Revenue Calculations								TY 2017-2018 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations												TY 2018-2019 Reciprocal Compensation Rate					
July 1, 2016 Rate	Price Out with July 1, 2016 Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2016-2017 Expected Demand	TY 2016-2017 Expected Revenue	77.38% of FY 2011 Revenue	TY 2016-2017 Rec. Comp. Eligible Recovery Revenue	TY 2015-2016 Actual Realized Demand	TY 2015-2016 Expected Demand Less Actual Realized Demand	TY 2015-2016 Revenue	TY 2015-2016 True-Up Revenue	July 1, 2017 Rate	Price Out with July 1, 2017 Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2017-2018 Expected Demand	TY 2017-2018 Expected Revenue	73.51% of FY 2011 Revenue	TY 2017-2018 Rec. Comp. Eligible Recovery Revenue	TY 2016-2017 Actual Realized Demand	TY 2016-2017 Expected Demand Less Actual Realized Demand	TY 2016-2017 Revenue	TY 2016-2017 True-Up Revenue	July 1, 2018 Rate	Price Out with July 1, 2018 Rates and FY 2011 Units
Min AN or .005; AN; or Min AN or G-AP34	AZ*C	B-BA	(BB/B)*100	Input	AZ*BD	.95*5*B	BF-BE	Input (Note 16)	AR-BH	Input (Notes 17 and 18)	AN*BI or AS22-BJ22	MIN (AZ or .0007+.05-.0007)/2/3; AZ; or Min AZ or G-AU34	BL*C	B-BM	(BN/B)*100	Input	BL*BP	.95*6*B	BR-BQ	Input (Note 20)	BD-BT	Input (Notes 21 and 22)	AZ*BU or BE22-BV22	.0007+((.05-.0007)/3); BL; or Min BL or G-AZ34	BX*C
0.004000			N/A							----		0.003567			N/A									0.003567	
0.000000			N/A							----		0.000000			N/A									0.000000	
0.000000			N/A							----		0.000000			N/A									0.000000	
0.004506			N/A							----		0.004506			N/A									0.004506	
0.00517585																									

mpensation Eligible Recovery Expense Calculations					
% Revenue Difference	July 1, 2016 Rate	TY 2016-2017 Expected MOU	TY 2016-2017 Expected Expense	77.38% of FY 2011 Expense	TY 2016-2017 Rec. Comp. Eligible Recovery Expense
BC22	D*(1-AZ)	Input	BA*BB	.95*5*B	BD-BC
	0.156323				

TY 2017-2018 Reciprocal Compensation Eligible Recovery Expense Calculations									
TY 2015-2016 Actual Realized MOU	TY 2015-2016 Expected MOU Less Actual Realized MOU	TY 2015-2016 Expense	TY 2015-2016 True-Up Expense	% Revenue Difference	July 1, 2017 Rate	TY 2017-2018 Expected MOU	TY 2017-2018 Expected Expense	73.51% of FY 2011 Expense	TY 2017-2018 Rec. Comp. Eligible Recovery Expense
Input (Note 19)	AP-BH	Input	AO*BI or AQ-BJ	BC22	D*(1-BL)	Input	BM*BN	.95*6*B	BP-BO
					0.156323				

TY 2018-2019 Reciprocal Compensation Eligible Recove					
TY 2016-2017 Actual Realized MOU	TY 2016-2017 Expected MOU Less Actual Realized MOU	TY 2016-2017 Expense	TY 2016-2017 True-Up Expense	% Revenue Difference	July 1, 2018 Rate
Input (Note 19)	BB-BT	Input	BA*BU or BC-BV	CA22	D*(1-BX)
					0.006804

TY 2019-2020			
0.045005	2019 RoR ILEC Interstate Rates, cell AA8		0.045005
0.002133	2019 RoR ILEC Interstate Rates, cell AG9		0.000700
0.042872	BE32-BE33		0.044305

9 and Eligible Recovery Revenue Calculations						TY 2019-2020 Reciprocal Compensation Rate and Eligible Recovery Revenue Calculations											
Revenue Difference	% Revenue Difference	TY 2019-2019 Expected Demand	TY 2018-2019 Expected Revenue	69.83% of FY 2011 Revenue	TY 2018-2019 Rec. Comp. Eligible Recovery Revenue	TY 2017-2018 Actual Realized Demand	TY 2017-2018 Expected Demand Less Actual Realized Demand	TY 2017-2018 Revenue	TY 2017-2018 True-Up Revenue	July 1, 2019 Rate	Price Out with July 1, 2019 Rates and FY 2011 Units	Revenue Difference	% Revenue Difference	TY 2019-2020 Expected Demand	TY 2019-2020 Expected Revenue	66.34% of FY 2011 Revenue	TY 2019-2020 Rec. Comp. Eligible Recovery Revenue
B-BM	(BZ/B)*100	Input	BX*CB	.95*7*B	CD-CC	Input (Note 24)	BP-CF	Input (Notes 25 and 26)	BL*CG or BQ22-CH22	MIN (BX or .0007; BX; or Min BX or G-BE34	CJ*C	B-CK	(CL/B)*100	Input	CJ*CN	.95*8*B	CP-CO
	N/A N/A N/A N/A							----- ----- ----- -----		0.000700 0.000000 0.000000 0.004506			N/A N/A N/A N/A				

ry Expense Calculations			
TY 2018-2019 Expected MOU	TY 2018-2019 Expected Expense	69.83% of FY 2011 Expense	TY 2018-2019 Rec. Comp. Eligible Recovery Expense
Input	BY*BZ	.95*7*B	CB-CA

TY 2019-2020 Reciprocal Compensation Eligible Recovery Expense Calculations									
TY 2017-2018 Actual Realized MOU	TY 2017-2018 Expected MOU Less Actual Realized MOU	TY 2017-2018 Expense	TY 2017-2018 True-Up Expense	% Revenue Difference	July 1, 2019 Rate	TY 2019-2020 Expected MOU	TY 2019-2020 Expected Expense	66.34% of FY 2011 Expense	TY 2019-2020 Rec. Comp. Eligible Recovery Expense
Input (Note 27)	BN-CF	Input	BM*CG or BO-CH	CM22	D*(1-BX)	Input	CK*CL	.95*8*B	CN-CM
					0.003492				