

HAI Model Release 5.0a - Expense Module									Density Zone Level Calculations																			
density zone (lines/sq. m)	feeder type	total lines	business lines	residential lines	special access lines	public lines	single line business lines	households	copper feeder cable u/g	copper feeder cable buried	copper feeder cable aerial	fiber feeder cable u/g	fiber feeder cable buried	fiber feeder cable aerial	feeder conduit	feeder manholes	copper feeder u/g placement	fiber feeder u/g placement	copper feeder buried placement	fiber feeder buried placement								
0	DLC	563	67	483	11	2	5	483	\$	-	\$	-	\$	-	\$	518,764	\$	25,542	\$	-	\$	-	\$	-	\$	-	\$	215,081
5	DLC																											
100	DLC																											
200	DLC																											
650	DLC																											
850	DLC																											
2550	DLC																											
5000	DLC																											
10000	DLC																											
0	non-DLC																											
5	non-DLC																											
100	non-DLC																											
200	non-DLC																											
650	non-DLC																											
850	non-DLC																											
2550	non-DLC																											
5000	non-DLC																											
10000	non-DLC																											
Totals/Avg		563	67	483	11	2	5	483	\$	-	\$	-	\$	-	\$	518,764	\$	25,542	\$	-	\$	-	\$	-	\$	-	\$	215,081

HA

density zone (lines/sq mi)	feeder type	feeder pole inv	distribution cable underground	distribution cable buried	distribution cable aerial	distribution conduit	distribution conduit placement	distribution buried placement	distribution poles	calc copper feeder fill	calc distribution fill	calc "mainframe fill"	DLC inv w/site	SAI inv	terminal inv	drop inv	NID inv	feeder distance
0	DLC	\$ 19,473	\$ -	\$ 526,906	\$ 26,665	\$ -	\$ -	\$ 684,695	\$ 40,032	0.00%	31.54%	0.00%	\$ 319,115	\$ 5,850	\$ 47,259	\$ 55,060	\$ 15,180	165,125
5	DLC																	
100	DLC																	
200	DLC																	
650	DLC																	
850	DLC																	
2550	DLC																	
5000	DLC																	
10000	DLC																	
0	non-DLC																	
5	non-DLC																	
100	non-DLC																	
200	non-DLC																	
650	non-DLC																	
850	non-DLC																	
2550	non-DLC																	
5000	non-DLC																	
10000	non-DLC																	
Totals/Avg		\$ 19,473	\$ -	\$ 526,906	\$ 26,665	\$ -	\$ -	\$ 684,695	\$ 40,032				\$ 319,115	\$ 5,850	\$ 47,259	\$ 55,060	\$ 15,180	165,125

HA																		
density zone (lines/sq mi)	feeder type	total distribution distance	DLC lines	end office switching	MDF/protector inv	end office wire center	land	local tandem switching	local tandem wire center	OS tandem switching	OS tandem wire center	OS trunks	operator position	common transport, u/g	common transport, buried	common transport, aerial	common transport, poles	common transport, conduit
0	DLC	395,528	563	\$ 648,243	\$ -	\$ 75,000	\$ 10,000	\$ 1,049	\$ 1,380	\$ 442	\$ 552	\$ 58,941	\$ 807	\$ -	\$ 319,989	\$ 9,722	\$ 5,484	\$ -
5	DLC																	
100	DLC																	
200	DLC																	
650	DLC																	
850	DLC																	
2550	DLC																	
5000	DLC																	
10000	DLC																	
0	non-DLC																	
5	non-DLC																	
100	non-DLC																	
200	non-DLC																	
650	non-DLC																	
850	non-DLC																	
2550	non-DLC																	
5000	non-DLC																	
10000	non-DLC																	
Totals/Avg		395,528	563	\$ 648,243	\$ -	\$ 75,000	\$ 10,000	\$ 1,049	\$ 1,380	\$ 442	\$ 552	\$ 58,941	\$ 807	\$ -	\$ 319,989	\$ 9,722	\$ 5,484	\$ -

HA																																		
density zone (lines/sq mi)	feeder type	common transport, manholes	common transmission terminal inv	direct transport, u/g	direct transport, buried	direct transport, aerial	direct transport, poles	direct transport, conduit	direct transport, manholes	direct transmission terminal inv	dedicated transport, u/g	dedicated transport, buried	dedicated transport, aerial	dedicated transport, poles	dedicated transport, conduit	dedicated transport, manholes	dedicated transmission terminal inv	prop local direct trunks																
0	DLC	\$	124,104		\$	129,759	\$	3,941	\$	2,235	\$	-		\$	50,667		\$	121,998	\$	3,704	\$	2,110	\$	-		\$	47,888	12						
5	DLC																																	
100	DLC																																	
200	DLC																																	
650	DLC																																	
850	DLC																																	
2550	DLC																																	
5000	DLC																																	
10000	DLC																																	
0	non-DLC																																	
5	non-DLC																																	
100	non-DLC																																	
200	non-DLC																																	
650	non-DLC																																	
850	non-DLC																																	
2550	non-DLC																																	
5000	non-DLC																																	
10000	non-DLC																																	
Totals/Avg		\$	-	\$	124,104	\$	-	\$	129,759	\$	3,941	\$	2,235	\$	-	\$	-	\$	50,667	\$	-	\$	121,998	\$	3,704	\$	2,110	\$	-	\$	-	\$	47,888	12

HA																			
density zone (lines/sq mi)	feeder type	prop local tandem trunks	prop intraLATA direct trunks	prop intraLATA tandem trunks	prop access dedicated trunks	prop access tandem trunks	prop operator trunks	SCP investment	SCP wire center inv	STP inv	signaling link inv	total public telephone inv	total residential annual DEMs	total business annual DEMs	Total Investment				
0	DLC	4	2	17	22	34	9	1,380	\$	221	\$	3,036	\$	24,971	\$	1,531	7,539,590	1,582,410	4,148,774
5	DLC																		-
100	DLC																		-
200	DLC																		-
650	DLC																		-
850	DLC																		-
2550	DLC																		-
5000	DLC																		-
10000	DLC																		-
0	non-DLC																		-
5	non-DLC																		-
100	non-DLC																		-
200	non-DLC																		-
650	non-DLC																		-
850	non-DLC																		-
2550	non-DLC																		-
5000	non-DLC																		-
10000	non-DLC																		-
Totals/Avg		4	2	17	22	34	9	1,380	\$	221	\$	3,036	\$	24,971	\$	1,531	7,539,590	1,582,410	4,148,774

Universal Service Calculation Sheet - monthly costs per line

Missouri
Holway Telephone Company

	0 - 5 lines/sq mi	5 - 100 lines/sq mi	100 - 200 lines/sq mi	200 - 650 lines/sq mi	650 - 850 lines/sq mi	850 - 2,550 lines/sq mi	2,550 - 5,000 lines/sq mi	5,000 - 10,000 lines/sq mi	> 10,000 lines/sq mi	Weighted Average
Local network costs										
Loop	\$ 97.56	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 97.56
Port	9.47	-	-	-	-	-	-	-	-	9.47
End office usage	12.57	-	-	-	-	-	-	-	-	12.57
Signaling	0.31	-	-	-	-	-	-	-	-	0.31
Transport	7.53	-	-	-	-	-	-	-	-	7.53
Local retail costs										
Billing/bill inquiries	\$ 2.74	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2.74
Directory listing	-	-	-	-	-	-	-	-	-	-
LNP expense (when available)	0.30	-	-	-	-	-	-	-	-	0.30
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-
Basic Local Service										
Avg monthly cost per line	\$ 130.47	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130.47
@ Residence usage per line	\$ 130.18	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 130.18
@ Business usage per line	\$ 132.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 132.50
Total switched lines	552	-	-	-	-	-	-	-	-	552
Primary residence lines	483	-	-	-	-	-	-	-	-	483
Secondary residence lines	0	-	-	-	-	-	-	-	-	0
Single line business lines	5	-	-	-	-	-	-	-	-	5
Multiline business lines	62	-	-	-	-	-	-	-	-	62
Public lines	2	-	-	-	-	-	-	-	-	2
FEDERAL FUND ANALYSIS										
Annual Support										
for line types:	Specify	Bench								
Primary residence lines	X	\$31.00	\$ 574,439	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 574,439
Secondary residence lines		\$31.00	\$ 192	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 192
Single line business lines	X	\$51.00	\$ 5,012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,012
Multiline business lines		\$51.00	\$ 60,673	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 60,673
Public lines		\$51.00	\$ 1,971	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,971
Support cost if all lines supported			\$ 642,286	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 642,286
Total annual support for specified lines										
@25% Federal allocation			\$ 144,863	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 144,863
@Implied 75% State allocation			\$ 434,588	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 434,588

Total Annual Support for Primary Residence Lines at Pre-Selected Monthly Benchmarks

\$20.00	\$ 638,150	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 638,150
\$30.00	\$ 580,231	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 580,231
\$40.00	\$ 522,312	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 522,312
\$50.00	\$ 464,393	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 464,393
\$60.00	\$ 406,474	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 406,474
\$70.00	\$ 348,555	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 348,555
\$80.00	\$ 290,636	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 290,636

STATE FUND ANALYSIS															
Annual Support for line types:		Specify	Bench mark												
Primary residence lines	X	\$31.00	\$	574,439	\$	-	\$	-	\$	-	\$	-	\$	574,439	
Secondary residence lines		\$31.00	\$	192	\$	-	\$	-	\$	-	\$	-	\$	192	
Single line business lines	X	\$51.00	\$	5,012	\$	-	\$	-	\$	-	\$	-	\$	5,012	
Multiline business lines		\$51.00	\$	60,673	\$	-	\$	-	\$	-	\$	-	\$	60,673	
Public lines		\$51.00	\$	1,971	\$	-	\$	-	\$	-	\$	-	\$	1,971	
Support cost if all lines supported			\$	642,286	\$	-	\$	-	\$	-	\$	-	\$	642,286	
<u>Total annual support for specified lines</u>				\$	579,450	\$	-	\$	-	\$	-	\$	-	\$	579,450
@75% State allocation				\$	434,588	\$	-	\$	-	\$	-	\$	-	\$	434,588
@Implied 25% Federal allocation				\$	144,863	\$	-	\$	-	\$	-	\$	-	\$	144,863

TOTAL FUND ANALYSIS																
25% Federal allocation from Federal Fund Analysis	\$	144,863	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	144,863
75% State allocation from State Fund Analysis	\$	434,588	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	434,588
Total Federal + State fund	\$	579,450	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	579,450

Module release date: 11/4/1997

COST OF NETWORK ELEMENTS

**Missouri
Holway Telephone Company**

Loop elements	0-5 lines/sq mi	5-100 lines/sq mi	100-200 lines/sq mi	200-650 lines/sq mi	650-850 lines/sq mi	850-2550 lines/sq mi	2550-5000 lines/sq mi	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals
NID										
Annual Cost	\$ 3,785	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,785
Unit Cost/month	0.56	-	-	-	-	-	-	-	-	0.56
Loop Distribution (DLC)										
Annual Cost	\$ 358,170	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 358,170
Unit Cost/month	53.02	-	-	-	-	-	-	-	-	53.02
Loop Distribution (non-DLC)										
Annual Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unit Cost/month	-	-	-	-	-	-	-	-	-	-
Loop Distribution (all)										
Annual Cost	\$ 358,170	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 358,170
Unit Cost/month	53.02	-	-	-	-	-	-	-	-	53.02
Loop Concentration (DLC)										
Annual Cost	\$ 88,248	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 88,248
Unit Cost/month	13.06	-	-	-	-	-	-	-	-	13.06
Loop Concentration (non-DLC)										
Annual Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unit Cost/month	-	-	-	-	-	-	-	-	-	-
Loop Concentration (all)										
Annual Cost	\$ 88,248	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 88,248
Unit Cost/month	13.06	-	-	-	-	-	-	-	-	13.06
Loop Feeder (DLC)										
Annual Cost	\$ 197,239	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 197,239
Unit Cost/month	29.20	-	-	-	-	-	-	-	-	29.20
Loop Feeder (non-DLC)										
Annual Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unit Cost/month	-	-	-	-	-	-	-	-	-	-
Loop Feeder (all)										
Annual Cost	\$ 197,239	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 197,239
Unit Cost/month	29.20	-	-	-	-	-	-	-	-	29.20
Total Loop (DLC)										
Annual Cost	\$ 647,442	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 647,442
Unit Cost/month	95.84	-	-	-	-	-	-	-	-	95.84
Total Loop (non-DLC)										
Annual Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Unit Cost/month	-	-	-	-	-	-	-	-	-	-
Total Loop (all)										
Annual Cost	\$ 647,442	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 647,442
Unit Cost/month	95.84	-	-	-	-	-	-	-	-	95.84
Total lines	563	-	-	-	-	-	-	-	-	563
Total lines served by DLC	563	-	-	-	-	-	-	-	-	563

	Annual Cost	Units	Unit Cost
End office switching	\$ 205,303		
Line Port	61,591	552 switched lines	\$ 9.30 per line/month
Non-Line Port	143,712	6,305,165 actual minutes	\$ 0.02279 per actual minute (for rate per DEM, see "Cost detail" sheet)
Signaling network elements	\$ 7,776		
Links	6,558	4 links	\$ 139.32 per link per month
STP	797	3,558,232 TCAP+ISUP msgs	\$ 0.00022 per signaling message
SCP	420	361,800 TCAP queries	\$ 0.00116 per query
Transport network elements			
<i>Dedicated</i>			
Sw+Sp Transport	\$ 32,647	22 trunks	\$ 122.89 per DS-0 equivalent per month
Switched	16,511	11 trunks	\$ 0.01224 per minute
Special	16,136	11 trunks	
Transmission Terminal	13,193	22 trunks	\$ 49.66 per DS-0 equivalent per month
			\$ 0.00494 per minute
			\$ 0.01718 total per minute
<i>Common</i>			
Transport	\$ 85,615	2,731,987 minutes	\$ 0.01291 per minute per leg (orig or term)
Transmission Terminal	34,191	2,731,987 minutes	\$ 0.00516 per minute
			\$ 0.01807 total per minute
<i>Direct</i>			
Transport	\$ 34,721	367,186 minutes	\$ 0.09456 per minute
Transmission Terminal	13,959	367,186 minutes	\$ 0.03802 per minute
			\$ 0.13257 total per minute
Tandem switch	\$ 759	2,384,719 minutes	\$ 0.00032 per minute
Operator systems	\$ 17,200		
Public Telephones	\$ 774		
Total (w/ Public)	\$ 1,093,579		
Total cost of switched network elements (w/o Public)	\$ 159.66 per line/month		

	interconnected at		
	end office	tandem	wtd average
Local interconnection			
EO switching	\$ 0.02279	\$ 0.02279	
ISUP	\$ 0.00260	\$ 0.00260	
Common Transport	\$ -	\$ 0.01807	
Tandem Switching	\$ -	\$ 0.00032	
TOTAL	\$ 0.02540	\$ 0.04379	n/a

IXC switched access			
EO switching	\$ 0.02279	\$ 0.02279	
ISUP	\$ 0.00260	\$ 0.00260	
Dedicated Transport	\$ 0.01718	\$ 0.01718	
Common Transport	\$ -	\$ 0.01807	
Tandem Switching	\$ -	\$ 0.00032	
TOTAL	\$ 0.04258	\$ 0.06097	\$ 0.06097

Signaling detail			
cost per 800 call attempt (TCAP)	\$ 0.0028		
ISUP cost/transaction	\$ 0.01365		
ISUP cost/completion	0.0195		
IXC switched access MOU/comp	7.49		
ISUP cost/min	\$ 0.002604		
D link per month	\$ -		

Switching detail

The HAI Model engineers switch capacity based on the number of times calls have to pass through a switch fabric. For intraswitch calls, this is once. Because some rate structures for unbundled switching may impose two switch charges -- even when the call only passes through the switch once, the appropriate way to calculate the level of such switch charges is to divide the total usage cost of switching by DEMs (rather than actual switched minutes), because two DEMs are counted even when a call originates and terminates on the same switch.

Switch non-line port annual cost	143,712
Total DEMs	9,122,000
Cost per DEM \$	0.01575

Dedicated Transport Costs Per Trunk

DS-0 per month	
Transport per month	\$ 122.89
Terminal per month *	\$ 615.83
TOTAL	\$ 738.73

DS-1 per month	
Transport per month	\$ 2,949.46
Terminal per month	\$ 1,191.94
TOTAL	\$ 4,141.39

DS-3 per month	
Transport per month	\$ 82,584.76
Terminal per month	\$ 3,371.14
TOTAL	\$ 85,955.90

Trunk Port Costs

per trunk port (DS-0 equivalent) per month	\$ 2.64
per trunk port minute	\$ 0.000263

total EO usage per minute	\$ 0.022793
trk port/min	\$ 0.000263
other	\$ 0.022530

	0-5 lines/sq mi	5-100 lines/sq mi	100-200 lines/sq mi	200-650 lines/sq mi	650-850 lines/sq mi	850-2550 lines/sq mi	2550-5000 lines/sq mi	5000-10000 lines/sq mi	>10000 lines/sq mi	weighted average
calculated distribution fill (DLC)	31.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	31.5%
calculated distribution fill (non-DLC)	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	#DIV/0!
weighted average										#DIV/0!

Per DS0 Transport Calculations

Entrance Facility Investment per Line	\$ -
Total Dedicated Terminal Investment	47,888
Total Lines	563
Total Dedicated Terminal Investment per line	\$ 85
Entrance Facility percent to total	\$ -
Terminal Investment per DS-0	\$ 2,163
Transport Investment per DS-0	\$ 5,774

Network-Related Expenses

	0-5	5-100	100-200	200-650	650-850	850-2550	2550-5000	5000-10000	>10000	Totals
	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	
NID										
Annual Capital Cost	\$ 2,429	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,429
Network Expenses	\$ 499	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	499
Direct expense	\$ 2,928	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,928
Investment	\$ 15,180	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	15,180
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ 837	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	837
Total	\$ 3,766	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3,766
with carrier-to-carrier	\$ 3,769	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3,769
Distribution (DLC)										
Annual Capital Cost	\$ 222,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	222,683
Network Expenses	\$ 54,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54,400
Direct expense	\$ 277,083	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	277,083
Investment	\$ 1,380,617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,380,617
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ 79,221	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	79,221
Total	\$ 356,304	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	356,304
with carrier-to-carrier	\$ 356,617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	356,617
Distribution (non-DLC)										
Annual Capital Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Network Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Direct expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
with carrier-to-carrier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Distribution (all)										
Annual Capital Cost	\$ 222,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	222,683
Network Expenses	\$ 54,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54,400
Direct expense	\$ 277,083	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	277,083
Investment	\$ 1,380,617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,380,617
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ 79,221	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	79,221
Total	\$ 356,304	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	356,304
with carrier-to-carrier	\$ 356,617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	356,617
Concentrator (DLC)										
Annual Capital Cost	\$ 63,272	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63,272
Network Expenses	\$ 4,997	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,997
Direct expense	\$ 68,269	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	68,269
Investment	\$ 324,965	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	324,965
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ 19,519	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	19,519
Total	\$ 87,788	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	87,788
with carrier-to-carrier	\$ 87,866	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	87,866
Concentrator (non-DLC)										
Annual Capital Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Network Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Direct expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
with carrier-to-carrier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Concentrator (all)										
Annual Capital Cost	\$ 63,272	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63,272
Network Expenses	\$ 4,997	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,997
Direct expense	\$ 68,269	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	68,269
Investment	\$ 324,965	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	324,965
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ 19,519	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	19,519
Total	\$ 87,788	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	87,788
with carrier-to-carrier	\$ 87,866	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	87,866
Feeder (DLC)										
Annual Capital Cost	\$ 121,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	121,644
Network Expenses	\$ 30,941	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	30,941
Direct expense	\$ 152,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	152,585
Investment	\$ 778,861	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	778,861
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ 43,626	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	43,626
Total	\$ 196,211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	196,211
with carrier-to-carrier	\$ 196,383	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	196,383
Feeder (non-DLC)										
Annual Capital Cost	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Network Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Direct expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

Network-Related Expenses

	0-5	5-100	100-200	200-650	650-850	850-2550	2550-5000	5000-10000	>10000	Totals
	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	
Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
with carrier-to-carrier	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Feeder (all)										
Annual Capital Cost	\$ 121,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	121,644
Network Expenses	\$ 30,941	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	30,941
Direct expense	\$ 152,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	152,585
Investment	\$ 778,861	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	778,861
Support & Overhead per line	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Support & Overhead per direct exp.	\$ 43,626	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	43,626
Total	\$ 196,211	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	196,211
with carrier-to-carrier	\$ 196,383	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	196,383
End Office Switching										
Annual Capital Cost	\$ 117,908	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	117,908
Network Expenses	\$ 39,062	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	39,062
Direct expense	\$ 156,970	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	156,970
Investment	\$ 733,243	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	733,243
Support expenses	\$ 28,026	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	28,026
Subtotal, with misc spt	\$ 184,996	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	184,996
Total, with var overhead	\$ 204,236	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	204,236
with carrier-to-carrier	\$ 204,413	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	204,413
Signaling										
Annual Capital Cost	\$ 4,743	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,743
Network Expenses	\$ 1,202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,202
Direct expense	\$ 5,945	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	5,945
Investment	\$ 29,607	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	29,607
Support expenses	\$ 1,062	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,062
Subtotal, with misc spt	\$ 7,007	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	7,007
Total, with var overhead	\$ 7,736	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	7,736
with carrier-to-carrier	\$ 7,742	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	7,742
Dedicated Transport										
Annual Capital Cost	\$ 19,898	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	19,898
Network Expenses	\$ 5,063	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	5,063
Direct expense	\$ 24,961	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	24,961
Investment	\$ 127,812	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	127,812
Support expenses	\$ 4,457	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,457
Subtotal, with misc spt	\$ 29,418	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	29,418
Total, with var overhead	\$ 32,477	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	32,477
with carrier-to-carrier	\$ 32,505	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	32,505
Dedicated Transport Transmission										
Annual Capital Cost	\$ 9,355	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	9,355
Network Expenses	\$ 733	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	733
Direct expense	\$ 10,087	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	10,087
Investment	\$ 47,888	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	47,888
Support expenses	\$ 1,801	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,801
Subtotal, with misc spt	\$ 11,888	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	11,888
Total, with var overhead	\$ 13,125	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	13,125
with carrier-to-carrier	\$ 13,136	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	13,136
Direct Transport										
Annual Capital Cost	\$ 21,162	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	21,162
Network Expenses	\$ 5,385	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	5,385
Direct expense	\$ 26,547	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	26,547
Investment	\$ 135,935	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	135,935
Support expenses	\$ 4,740	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,740
Subtotal, with misc spt	\$ 31,287	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	31,287
Total, with var overhead	\$ 34,540	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	34,540
with carrier-to-carrier	\$ 34,570	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	34,570
Direct Transport Transmission										
Annual Capital Cost	\$ 9,897	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	9,897
Network Expenses	\$ 775	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	775
Direct expense	\$ 10,673	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	10,673
Investment	\$ 50,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	50,667
Support expenses	\$ 1,906	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,906
Subtotal, with misc spt	\$ 12,578	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	12,578
Total, with var overhead	\$ 13,886	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	13,886
with carrier-to-carrier	\$ 13,898	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	13,898
Common Transport										
Annual Capital Cost	\$ 52,181	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	52,181
Network Expenses	\$ 13,278	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	13,278
Direct expense	\$ 65,459	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	65,459
Investment	\$ 335,195	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	335,195
Support expenses	\$ 11,687	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	11,687
Subtotal, with misc spt	\$ 77,146	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	77,146
Total, with var overhead	\$ 85,170	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	85,170
with carrier-to-carrier	\$ 85,243	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	85,243

Network-Related Expenses

	0-5	5-100	100-200	200-650	650-850	850-2550	2550-5000	5000-10000	>10000	Totals
	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	
Common Transport Transmission										
Annual Capital Cost	\$ 24,243	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	24,243
Network Expenses	\$ 1,899	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,899
Direct expense	\$ 26,141	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	26,141
Investment	\$ 124,104	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	124,104
Support expenses	\$ 4,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,667
Subtotal, with misc spt	\$ 30,809	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	30,809
Total, with var overhead	\$ 34,013	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	34,013
with carrier-to-carrier	\$ 34,042	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	34,042
Tandem Switching										
Annual Capital Cost	\$ 378	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	378
Network Expenses	\$ 202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	202
Direct expense	\$ 580	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	580
Investment	\$ 2,429	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,429
Support expenses	\$ 104	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	104
Subtotal, with misc spt	\$ 684	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	684
Total, with var overhead	\$ 755	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	755
with carrier-to-carrier	\$ 756	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	756
Operator Systems										
Annual Capital Cost	\$ 9,471	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	9,471
Network Expenses	\$ 3,836	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3,836
Direct expense	\$ 13,306	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	13,306
Investment	\$ 60,742	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	60,742
Support expenses	\$ 2,193	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,193
Subtotal, with misc spt	\$ 15,499	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	15,499
Total, with var overhead	\$ 17,111	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	17,111
with carrier-to-carrier	\$ 17,126	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	17,126
Public Telephone										
Annual Capital Cost	\$ 313	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	313
Network Expenses	\$ 288	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	288
Direct expense	\$ 601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	601
Investment	\$ 1,531	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,531
Support expenses	\$ 99	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	99
Subtotal, with misc spt	\$ 700	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	700
Total, with var overhead	\$ 773	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	773
with carrier-to-carrier	\$ 774	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	774
Totals										
Annual Capital Cost	\$ 679,577	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	679,577
Network Expenses	\$ 162,560	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	162,560
Total	\$ 842,137	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	842,137
Investment	\$ 4,148,774	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,148,774
Supporting Network Expenses										
Capital Cost - Gent Support	\$ 34,795	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	34,795
Network Operations	\$ 17,511	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	17,511
Network Support	\$ 2,416	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,416
Other Taxes	\$ 49,045	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	49,045
Misc Expenses	\$ 34,997	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	34,997
Subtotal	\$ 138,763	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	138,763
Carrier-carrier customer svc	\$ 951	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	951
Interoffice/Switching Net Ops	\$ 4,507	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,507
Interoffice/Sw Exp	\$ 327,364	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	327,364
Total Network Costs	\$ 985,407	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	985,407
Other costs										
Other Taxes	\$ 49,045	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	49,045
Monthly Cost Factors										
Loop	0.02197	-	-	-	-	-	-	-	-	0.02197
Port	0.00713	-	-	-	-	-	-	-	-	0.00713
Switching	0.00946	-	-	-	-	-	-	-	-	0.00946
Signaling	0.00576	-	-	-	-	-	-	-	-	0.00576
Transport	0.00504	-	-	-	-	-	-	-	-	0.00504
Billing/Bill Inquiries (per line)	2.74	-	-	-	-	-	-	-	-	2.74
Directory Listing (per line)	-	-	-	-	-	-	-	-	-	-
LNP Expense (per line)	0.30	-	-	-	-	-	-	-	-	0.30
Inverse Carrier to Carrier Expense Factors	99.9132%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	99.9132%

Use this sheet to vary the proportion of expenses assigned to loop-related network elements on the basis of lines and on the basis of direct expenses, respectively. Change only the % assigned "per line" -- the "per direct cost" will be calculated.

	Total Annual Amount assigned to loops	% to be assigned per line	% to be assigned per direct cost	Annual Amount to be assigned per line	Annual Amount to be assigned per direct cost
General Support - Loops					
Furniture - Capital Costs	\$ 891	0%	100%	\$ -	\$ 891
Furniture - Expenses	\$ 684	0%	100%	\$ -	\$ 684
Office Equipment - Capital Costs	\$ 2,542	0%	100%	\$ -	\$ 2,542
Office Equipment - Expenses	\$ 1,449	0%	100%	\$ -	\$ 1,449
General Purpose Computer - Capital Costs	\$ 5,312	0%	100%	\$ -	\$ 5,312
General Purpose Computer - Expenses	\$ 14,005	0%	100%	\$ -	\$ 14,005
Motor Vehicles - Capital Costs	\$ 3,206	0%	100%	\$ -	\$ 3,206
Motor Vehicles - Expenses	\$ 1,120	0%	100%	\$ -	\$ 1,120
Buildings - Capital Costs	\$ 6,407	0%	100%	\$ -	\$ 6,407
Buildings - Expenses	\$ 4,677	0%	100%	\$ -	\$ 4,677
Garage Work Eqpt. - Capital Costs	\$ 94	0%	100%	\$ -	\$ 94
Garage Work Eqpt. - Expenses	\$ 33	0%	100%	\$ -	\$ 33
Other Work Eqpt. - Capital Costs	\$ 2,243	0%	100%	\$ -	\$ 2,243
Other Work Eqpt. - Expenses	\$ 284	0%	100%	\$ -	\$ 284
Total General Support	\$ 42,946			\$ -	\$ 42,946
Network Operations	\$ 10,415	0%	100%	\$ -	\$ 10,415
Other Taxes	\$ 29,170	0%	100%	\$ -	\$ 29,170
Variable Overhead	\$ 60,673	0%	100%	\$ -	\$ 60,673
Totals	\$ 82,530			\$ -	\$ 143,204

	0-5 lines/sq mi	5-100 lines/sq mi	100-200 lines/sq mi	200-650 lines/sq mi	650-850 lines/sq mi	850-2550 lines/sq mi	2550-5000 lines/sq mi	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals
Direct Costs										
Loop-related direct costs	\$ 500,866	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 500,866
Non-Loop-related direct costs	\$ 341,271	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 341,271
Total	\$ 842,137	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 842,137
Loop Fraction	59.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	59.48%
Network Operations	\$ 17,511	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 17,511

	Total Annual Amount	Amount Assigned to Loops	Amount Assigned to Other UNEs
General Support - Totals			
Furniture - Capital Costs	\$ 1,497	\$ 891	\$ 607
Furniture - Expenses	\$ 1,150	\$ 684	\$ 466
Office Equipment - Capital Costs	\$ 4,274	\$ 2,542	\$ 1,732
Office Equipment - Expenses	\$ 2,436	\$ 1,449	\$ 987
General Purpose Computer - Capital Costs	\$ 8,932	\$ 5,312	\$ 3,620
General Purpose Computer - Expenses	\$ 23,547	\$ 14,005	\$ 9,542
Motor Vehicles - Capital Costs	\$ 5,390	\$ 3,206	\$ 2,184
			\$ 34,795
			\$ 37,412

Exp Assignment

Motor Vehicles - Expenses	\$ 1,883	\$ 1,120	\$ 763	
Buildings - Capital Costs	\$ 10,773	\$ 6,407	\$ 4,366	
Buildings - Expenses	\$ 7,864	\$ 4,677	\$ 3,187	
Garage Work Eqpt. - Capital Costs	\$ 158	\$ 94	\$ 64	
Garage Work Eqpt. - Expenses	\$ 55	\$ 33	\$ 22	
Other Work Eqpt. - Capital Costs	\$ 3,771	\$ 2,243	\$ 1,528	
Other Work Eqpt. - Expenses	\$ 478	\$ 284	\$ 194	
Total General Support	\$ 72,207	\$ 42,946	\$ 29,262	
Network Operations	\$ 17,511	\$ 10,415	\$ 7,096	
Other Taxes Calculation				
Total Direct Costs	\$ 842,137	\$ 500,866	\$ 341,271	\$ 842,137
Total Network Operations	\$ 17,511	\$ 10,415	\$ 7,096	\$ 17,511
Total General Support	\$ 72,207	\$ 42,946	\$ 29,262	\$ 86,457
Total	\$ 931,855	\$ 554,226	\$ 377,629	
Other Taxes	\$ 49,045	\$ 29,170	\$ 19,875	\$ 135,502
Total Expenses and Other Taxes	\$ 980,900	\$ 583,396	\$ 397,504	
Variable Overhead Calculation				
Variable Overhead	\$ 102,014	\$ 60,673	\$ 41,340	
Total Cost with Variable Overhead	1,082,914	644,069	438,845	

UNE Expense Assignment

Totals

NID

per line cost \$ -
per direct cost \$ 837
total \$ 837

Distribution (DLC)

per line cost \$ -
per direct cost \$ 79,221
total \$ 79,221

Distribution (non-DLC)

per line cost \$ -
per direct cost \$ -
total \$ -

Concentrator (DLC)

per line cost \$ -
per direct cost \$ 19,519
total \$ 19,519

Concentrator (non-DLC)

per line cost \$ -
per direct cost \$ -
total \$ -

Feeder (DLC)

per line cost \$ -
per direct cost \$ 43,626
total \$ 43,626

Feeder (non-DLC)

Exp Assignment

per line cost \$ -
per direct cost \$ -
total \$ -

End Office Switching	\$	201,850
Signaling	\$	7,645
Dedicated Transport	\$	32,098
Dedicated Transport Transmission	\$	12,971
Direct Transport	\$	34,137
Direct Transport Transmission	\$	13,724
Common Transport	\$	84,175
Common Transport Transmission	\$	33,615
Tandem Switching	\$	746
Operator Systems	\$	17,111
Public Telephone	\$	773

COST SUMMARY

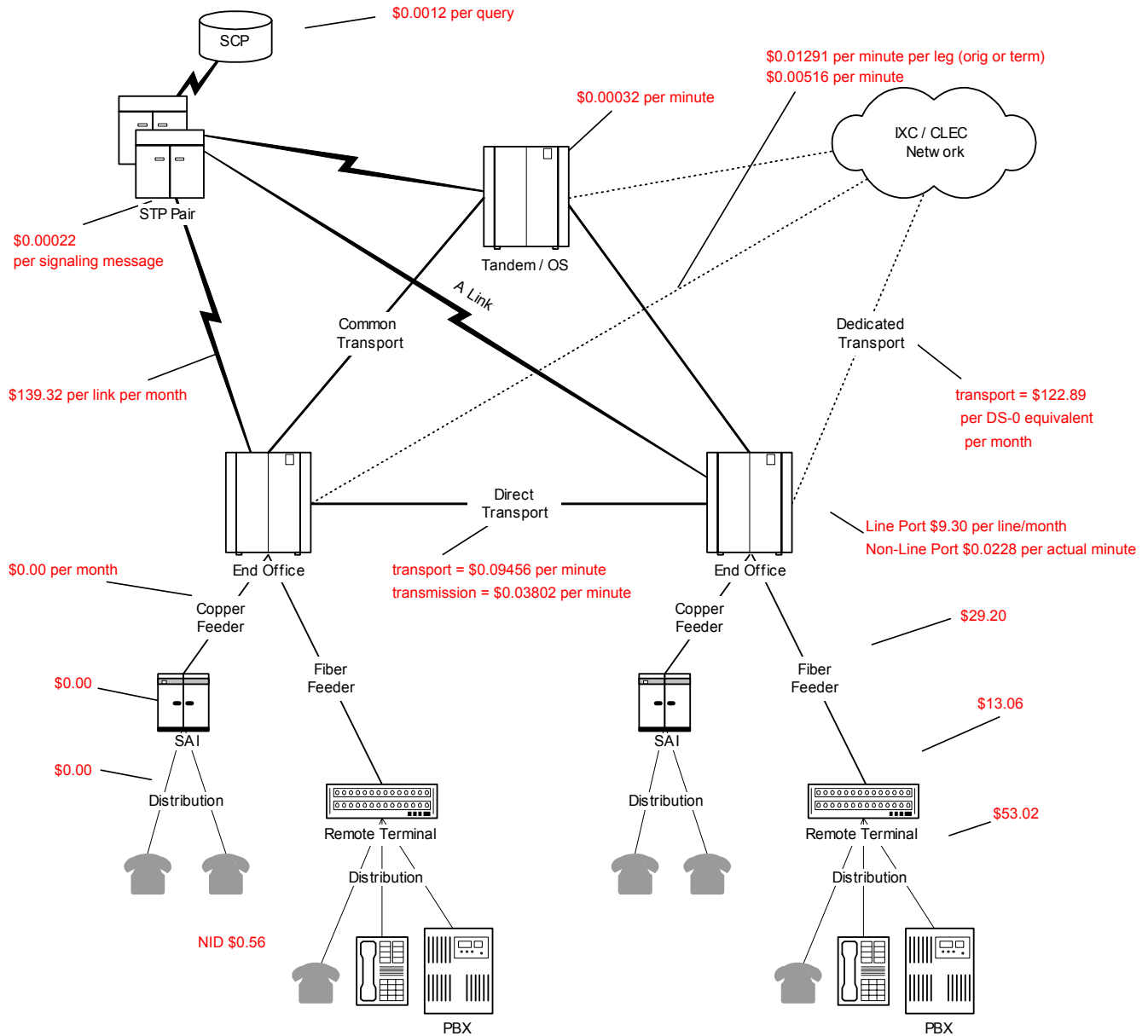
Missouri Holway Telephone Company

Network Element	Investment *	% of total investment	1	2	1 + 2	3	1 + 2 + 3	Total
			Annual Capital Cost	Network Expenses	Direct Expense	Support Expense	Subtotal (with misc support)	(with carrier-to-carrier)
NID	\$ 15,180	0.4%	\$ 2,429	\$ 499	\$ 2,928	\$ 837	\$ 3,766	\$ 3,769
<i>Distribution (DLC)</i>	1,380,617	33.3%	222,683	54,400	277,083	79,221	356,304	356,617
<i>Distribution (non-DLC)</i>	-	0.0%	-	-	-	-	-	-
Distribution (all)	1,380,617	33.3%	222,683	54,400	277,083	79,221	356,304	356,617
<i>Concentrator (DLC)</i>	324,965	7.8%	63,272	4,997	68,269	19,519	87,788	87,866
<i>Concentrator (non-DLC)</i>	-	0.0%	-	-	-	-	-	-
Concentrator (all)	324,965	7.8%	63,272	4,997	68,269	19,519	87,788	87,866
<i>Feeder (DLC)</i>	778,861	18.8%	121,644	30,941	152,585	43,626	196,211	196,383
<i>Feeder (non-DLC)</i>	-	0.0%	-	-	-	-	-	-
Feeder (all)	778,861	18.8%	121,644	30,941	152,585	43,626	196,211	196,383
End Office Switching	733,243	17.7%	117,908	39,062	156,970	28,026	184,996	204,413
Signaling	29,607	0.7%	4,743	1,202	5,945	1,062	7,007	7,742
Dedicated Transport	127,812	3.1%	19,898	5,063	24,961	4,457	29,418	32,505
Dedicated Transport Transmission	47,888	1.2%	9,355	733	10,087	1,801	11,888	13,136
Direct Transport	135,935	3.3%	21,162	5,385	26,547	4,740	31,287	34,570
Direct Transport Transmission	50,667	1.2%	9,897	775	10,673	1,906	12,578	13,898
Common Transport	335,195	8.1%	52,181	13,278	65,459	11,687	77,146	85,243
Common Transport Transmission	124,104	3.0%	24,243	1,899	26,141	4,667	30,809	34,042
Tandem Switching	2,429	0.1%	378	202	580	104	684	756
Operator Systems	60,742	1.5%	9,471	3,836	13,306	2,193	15,499	17,126
Public Telephone	1,531	0.0%	313	288	601	99	700	774
Total Network Cost								
Total	\$ 4,148,774	100%	\$ 679,577	\$ 162,560	\$ 842,137	\$ 203,944	\$ 1,046,080	\$ 1,088,841

* Post sharing

Unbundled Network Elements

Missouri / Holway Telephone Company



USOA Detail Breakdown of HAI Model Costs

USOA	INVESTMENT DESCRIPTION	Cost \$(000)
Telecommunications Plant in Service		
2111	LAND	10
2112	MOTOR VEHICLES	28
2113	AIRCRAFT	
2114	SPECIAL PURPOSE VEHICLES	
2115	GARAGE WORK EQUIPMENT	1
2116	OTHER WORK EQUIPMENT	22
2121	BUILDINGS	148
2122	FURNITURE	9
2123.1	OFFICE SUPPORT EQUIPMENT	24
2123.2	COMPANY COMMUNICATIONS EQUIPMENT	
2124	GENERAL PURPOSE COMPUTERS	37
2110	TOTAL LAND & SUPPORT ASSETS	280
2212	DIGITAL ELECTRONIC SWITCHING	654
2220	OPERATOR SYSTEMS	1
2232	CIRCUIT EQUIPMENT	556
2351	PUBLIC TEL TERMINAL EQUIPMENT	2
2411	POLES	70
2421.1	AERIAL CABLE - METALLIC	29
2421.2	AERIAL CABLE - NonMETALLIC	45
2422.1	UNDERGROUND CABLE - METALLIC	0
2422.2	UNDERGROUND CABLE - NonMETALLIC	0
2423.1	BURIED CABLE - METALLIC	1,327
2423.2	BURIED CABLE - NonMETALLIC	1,378
2426.1	INTRABUILDING NETWORK CABLE - MET.	
2426.2	INTRABUILDING NETWORK CABLE - NonMET.	
2441	CONDUIT SYSTEMS	0
2410	TOTAL CABLE & WIRE FACILITIES	2,849
	Total TPIS (before amortizable assets)*	4,341

* This calculation of total plant includes GSF investment. GSF investment is not included in the total investment that is reported in the "Summary" sheet.

**Holway Telephone Company
Missouri**

USOA	EXPENSE DESCRIPTION	Cost \$(000)
Plant Specific Expenses		
6112	MOTOR VEHICLES	2
6113	AIRCRAFT	1
6114	SPECIAL PURPOSE VEHICLES	0
6115	GARAGE WORK EQUIPMENT	0
6116	OTHER WORK EQUIPMENT	0
6110	NETWORK SUPPORT	3
6121	LAND & BUILDINGS	18
6122	FURNITURE	1
6123	OFFICE EQUIPMENT	3
6124	GENERAL PURPOSE COMPUTERS	28
6120	LAND & SUPPORT ASSETS	50
6212	DIGITAL ELECTRONIC SWITCHING	31
6220	OPERATOR SYSTEMS	1
6232	CIRCUIT EQUIPMENT	9
6351	PUBLIC TEL TERMINAL EQUIPMENT	0
6411	POLES	3
6421	AERIAL CABLE	5
6422	UNDERGROUND CABLE	0
6423	BURIED CABLE	105
6426	INTRABUILDING NETWORK CABLE	
6441	CONDUIT SYSTEMS	0
6410	TOTAL CABLE & WIRE FACILITIES	112
	Total Plant Specific Expenses	208
Plant Nonspecific Operations		
	TOTAL NETWORK OPERATIONS SUPPORT	22
6561	DEPRECIATION TPIS	258
6623	CUSTOMER SERVICES	1
	Total Plant Nonspecific Operations	281
	TOTAL CORPORATE OPERATIONS	102
	TOTAL OPERATING EXPENSES	591
7240	OPERATING OTHER TAXES	49
	TOTAL EXPENSES & OPERATING TAXES	640

USOA Depreciation Calculations

	<u>Depl life</u>	<u>DepFact</u>	<u>Dep Exp</u>
2111			
2112	10.45	0.09589	3
2113			
2114			
2115	9.97	0.10031	0
2116	13.92	0.07189	2
2121	48.73	0.02052	3
2122	18.36	0.05449	1
2123.1	12.44	0.08052	2
2123.2	7.99	0.12517	-
2124	6.61	0.15223	6
2110			
2212	17.17	0.05827	38
2220	9.25	0.10829	0
2232	9.90	0.10108	56
2351	8.98	0.11145	0
2411	8.38	0.11972	8
2421.1	13.61	0.07355	2
2421.2	18.92	0.05286	2
2422.1	17.88	0.05596	-
2422.2	20.14	0.04966	-
2423.1	18.36	0.05450	72
2423.2	21.97	0.04551	63
2426.1	13.57	0.07377	-
2426.2	21.37	0.04681	-
2441	46.15	0.02167	-
<i>Total Depreciation</i>			258

Network Element Disaggregations

Investment Disaggregations:

<i>Terminal, Drop, and NID</i>	117,499
Aerial-m portion	2,530
Buried-m portion	114,968

<i>OS Trks + Signaling links</i>	83,912
Circuit Eqpt. portion	13,985
Pole portion	1,148
Aerial-nm portion	2,028
Underground-nm portion	-
Buried-nm portion	66,751
Conduit portion	-

<i>SAI</i>	5,850
Aerial-m portion	-
Aerial-nm portion	197
Underground-m portion	-
Underground-nm portion	-
Buried-m portion	-
Buried-nm portion	5,653

Expense Disaggregations:

<i>Terminal, Drop, and NID</i>	4,465
Aerial portion	215
Buried portion	4,250

<i>OS Trks + Signaling links</i>	3,252
Circuit Eqpt. portion	542
Pole portion	46
Aerial-nm portion	125
Underground-nm portion	-
Buried-nm portion	2,539
Conduit portion	-

<i>SAI</i>	115
Aerial portion	4
Underground portion	-
Buried portion	111

General Support

	0-5 lines/sq mi	5-100 lines/sq mi	100-200 lines/sq mi	200-650 lines/sq mi	650-850 lines/sq mi	850-2550 lines/sq mi	2550-5000 lines/sq mi	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals
General Support Investment										
furniture	\$ 9,389	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	9,389
office equipment	23,997	-	-	-	-	-	-	-	-	23,997
general purpose computers	36,902	-	-	-	-	-	-	-	-	36,902
motor vehicles	28,236	-	-	-	-	-	-	-	-	28,236
buildings	71,318	-	-	-	-	-	-	-	-	71,318
garage work equipment	810	-	-	-	-	-	-	-	-	810
orther work equipment	22,003	-	-	-	-	-	-	-	-	22,003
TOTAL	\$ 192,656	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	192,656
Levelized Cost of Capital										
furniture	\$ 1,497	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,497
office equipment	4,274	-	-	-	-	-	-	-	-	4,274
general purpose computers	8,932	-	-	-	-	-	-	-	-	8,932
motor vehicles	5,390	-	-	-	-	-	-	-	-	5,390
buildings	10,773	-	-	-	-	-	-	-	-	10,773
garage work equipment	158	-	-	-	-	-	-	-	-	158
orther work equipment	3,771	-	-	-	-	-	-	-	-	3,771
TOTAL	\$ 34,795	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	34,795

Distribution

	0-5 lines/sq mi	5-100 lines/sq mi	100-200 lines/sq mi	200-650 lines/sq mi	650-850 lines/sq mi	850-2550 lines/sq mi	2550-5000 lines/sq mi	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals
Fiber Feeder										
Distribution Investment										
buried cable	\$ 526,906	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	526,906
aerial cable	26,665	-	-	-	-	-	-	-	-	26,665
underground cable	-	-	-	-	-	-	-	-	-	-
buried trenching	684,695	-	-	-	-	-	-	-	-	684,695
conduit	-	-	-	-	-	-	-	-	-	-
underground trenching	-	-	-	-	-	-	-	-	-	-
poles	40,032	-	-	-	-	-	-	-	-	40,032
terminal	47,259	-	-	-	-	-	-	-	-	47,259
drop	55,060	-	-	-	-	-	-	-	-	55,060
TOTAL	\$ 1,380,617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,380,617
	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
buried cable	\$ 84,029	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	84,029
aerial cable	4,604	-	-	-	-	-	-	-	-	4,604
underground cable	-	-	-	-	-	-	-	-	-	-
buried trenching	109,193	-	-	-	-	-	-	-	-	109,193
conduit	-	-	-	-	-	-	-	-	-	-
underground trenching	-	-	-	-	-	-	-	-	-	-
poles	8,484	-	-	-	-	-	-	-	-	8,484
terminal	7,562	-	-	-	-	-	-	-	-	7,562
drop	8,810	-	-	-	-	-	-	-	-	8,810
TOTAL	\$ 222,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	222,683
Network Expenses										
buried cable	20,485	-	-	-	-	-	-	-	-	20,485
aerial cable	1,677	-	-	-	-	-	-	-	-	1,677
underground cable	-	-	-	-	-	-	-	-	-	-
buried trenching	26,620	-	-	-	-	-	-	-	-	26,620
conduit	-	-	-	-	-	-	-	-	-	-
underground trenching	-	-	-	-	-	-	-	-	-	-
poles	1,652	-	-	-	-	-	-	-	-	1,652
terminal	1,832	-	-	-	-	-	-	-	-	1,832
drop	2,134	-	-	-	-	-	-	-	-	2,134
TOTAL	\$ 54,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54,400
Summary										
Cost of Capital	\$ 222,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	222,683
Network Expense	54,400	-	-	-	-	-	-	-	-	54,400
TOTAL	\$ 277,083	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	277,083
Copper Feeder										
Distribution Investment										
buried cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
aerial cable	-	-	-	-	-	-	-	-	-	-
underground cable	-	-	-	-	-	-	-	-	-	-
buried trenching	-	-	-	-	-	-	-	-	-	-
conduit	-	-	-	-	-	-	-	-	-	-
underground trenching	-	-	-	-	-	-	-	-	-	-
poles	-	-	-	-	-	-	-	-	-	-
terminal	-	-	-	-	-	-	-	-	-	-
drop	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Levelized Cost of Capital										
buried cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
aerial cable	-	-	-	-	-	-	-	-	-	-
underground cable	-	-	-	-	-	-	-	-	-	-
buried trenching	-	-	-	-	-	-	-	-	-	-
conduit	-	-	-	-	-	-	-	-	-	-
underground trenching	-	-	-	-	-	-	-	-	-	-
poles	-	-	-	-	-	-	-	-	-	-
terminal	-	-	-	-	-	-	-	-	-	-
drop	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Network Expenses										
buried cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
aerial cable	-	-	-	-	-	-	-	-	-	-

Distribution

	0-5 lines/sq mi	5-100 lines/sq mi	100-200 lines/sq mi	200-650 lines/sq mi	650-850 lines/sq mi	850-2550 lines/sq mi	2550-5000 lines/sq mi	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals
underground cable	-	-	-	-	-	-	-	-	-	-
buried trenching	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
conduit	-	-	-	-	-	-	-	-	-	-
underground trenching	-	-	-	-	-	-	-	-	-	-
poles	-	-	-	-	-	-	-	-	-	-
terminal	-	-	-	-	-	-	-	-	-	-
drop	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Summary										
Cost of Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Network Expense	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
	0-5 lines/sq mi	5-100 lines/sq mi	100-200 lines/sq mi	200-650 lines/sq mi	650-850 lines/sq mi	850-2550 lines/sq mi	2550-5000 lines/sq mi	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals
Total										
Distribution Investment										
buried cable	\$ 526,906	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	526,906
aerial cable	\$ 26,665	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	26,665
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried trenching	\$ 684,695	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	684,695
conduit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
underground trenching	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
poles	\$ 40,032	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	40,032
terminal	\$ 47,259	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	47,259
drop	\$ 55,060	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	55,060
TOTAL	\$ 1,380,617	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,380,617
	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
buried cable	\$ 84,029	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	84,029
aerial cable	\$ 4,604	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,604
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried trenching	\$ 109,193	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	109,193
conduit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
underground trenching	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
poles	\$ 8,484	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	8,484
terminal	\$ 7,562	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	7,562
drop	\$ 8,810	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	8,810
TOTAL	\$ 222,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	222,683
Network Expenses										
buried cable	\$ 20,485	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	20,485
aerial cable	\$ 1,677	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,677
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried trenching	\$ 26,620	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	26,620
conduit	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
underground trenching	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
poles	\$ 1,652	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,652
terminal	\$ 1,832	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,832
drop	\$ 2,134	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,134
TOTAL	\$ 54,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54,400
Summary										
Cost of Capital	\$ 222,683	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	222,683
Network Expense	\$ 54,400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	54,400
TOTAL	\$ 277,083	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	277,083
NID Cost										
NID Investment	\$ 15,180	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	15,180
Levelized Cost of Capital	\$ 2,429	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,429
Network Expenses	\$ 499	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	499
TOTAL	\$ 2,928	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,928

Concentrator

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
<i>Fiber Feeder</i>										
Concentrator Investment										
DLC Investment	\$ 319,115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	319,115
SAI Investment	5,850	-	-	-	-	-	-	-	-	5,850
										\$ -
TOTAL	\$ 324,965	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	324,965
	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
DLC	\$ 62,336	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	62,336
SAI	936	-	-	-	-	-	-	-	-	936
TOTAL	\$ 63,272	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63,272
Network Expenses										
DLC	\$ 4,882	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,882
SAI	115	-	-	-	-	-	-	-	-	115
TOTAL	\$ 4,997	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,997
Summary										
Cost of Capital	\$ 63,272	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	63,272
Network Expense	4,997	-	-	-	-	-	-	-	-	4,997
TOTAL	\$ 68,269	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	68,269

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
<i>Copper Feeder</i>										
Concentrator Investment										
DLC Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
SAI Investment	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Levelized Cost of Capital										
DLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
SAI	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Network Expenses										
DLC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
SAI	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Summary										
Cost of Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
Network Expense	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
<i>Total</i>										
Concentrator Investment										
DLC Investment	\$ 319,115	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	319,115
SAI Investment	5,850	-	-	-	-	-	-	-	-	5,850
TOTAL	\$ 324,965	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	324,965
	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%

Concentrator

	0-5		5-100		100-200		200-650		650-850		850-2550		2550-5000		5000-10000		>10000		Totals
	lines/sq m		lines/sq m		lines/sq m		lines/sq m		lines/sq m		lines/sq m		lines/sq m		lines/sq m		lines/sq m		
Levelized Cost of Capital																			
DLC	\$	62,336	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	62,336
SAI		936		-		-		-		-		-		-		-		-	936
TOTAL	\$	63,272	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	63,272
Network Expenses																			
DLC	\$	4,882	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	4,882
SAI		115		-		-		-		-		-		-		-		-	115
TOTAL	\$	4,997	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	4,997
Summary																			
Cost of Capital	\$	63,272	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	63,272
Network Expense		4,997		-		-		-		-		-		-		-		-	4,997
TOTAL	\$	68,269	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	68,269

Feeder

	0-5	5-100	100-200	200-650	650-850	850-2550	2550-5000	5000-10000	>10000	Totals
	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	
Fiber Feeder										
Feeder Investment										
copper u/g cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
copper buried cable	-	-	-	-	-	-	-	-	-	-
copper aerial cable	-	-	-	-	-	-	-	-	-	-
fiber u/g cable	-	-	-	-	-	-	-	-	-	-
fiber buried cable	518,764	-	-	-	-	-	-	-	-	518,764
fiber aerial cable	25,542	-	-	-	-	-	-	-	-	25,542
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
copper u/g placement	-	-	-	-	-	-	-	-	-	-
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	215,081	-	-	-	-	-	-	-	-	215,081
poles	19,473	-	-	-	-	-	-	-	-	19,473
TOTAL	\$ 778,861	\$ 100.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 778,861
										100.00%
Levelized Cost of Capital										
copper u/g cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
copper buried cable	-	-	-	-	-	-	-	-	-	-
copper aerial cable	-	-	-	-	-	-	-	-	-	-
fiber u/g cable	-	-	-	-	-	-	-	-	-	-
fiber buried cable	80,213	-	-	-	-	-	-	-	-	80,213
fiber aerial cable	4,048	-	-	-	-	-	-	-	-	4,048
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
copper u/g placement	-	-	-	-	-	-	-	-	-	-
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	33,256	-	-	-	-	-	-	-	-	33,256
poles	4,127	-	-	-	-	-	-	-	-	4,127
TOTAL	\$ 121,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 121,644
Network Expenses										
copper u/g cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
copper buried cable	-	-	-	-	-	-	-	-	-	-
copper aerial cable	-	-	-	-	-	-	-	-	-	-
fiber u/g cable	-	-	-	-	-	-	-	-	-	-
fiber buried cable	20,169	-	-	-	-	-	-	-	-	20,169
fiber aerial cable	1,606	-	-	-	-	-	-	-	-	1,606
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
copper u/g placement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	8,362	-	-	-	-	-	-	-	-	8,362
poles	804	-	-	-	-	-	-	-	-	804
TOTAL	\$ 30,941	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,941
Summary										
Cost of Capital	\$ 121,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	121,644
Network Expense	30,941	-	-	-	-	-	-	-	-	30,941
TOTAL	\$ 152,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 152,585

	0-5	5-100	100-200	200-650	650-850	850-2550	2550-5000	5000-10000	>10000	Totals
	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	lines/sq mi	
Copper Feeder										
Feeder Investment										
copper u/g cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
copper buried cable	-	-	-	-	-	-	-	-	-	-
copper aerial cable	-	-	-	-	-	-	-	-	-	-
fiber u/g cable	-	-	-	-	-	-	-	-	-	-
fiber buried cable	-	-	-	-	-	-	-	-	-	-
fiber aerial cable	-	-	-	-	-	-	-	-	-	-
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
copper u/g placement	-	-	-	-	-	-	-	-	-	-
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	-	-	-	-	-	-	-	-	-	-
poles	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ -
										0.00%
Levelized Cost of Capital										
copper u/g cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
copper buried cable	-	-	-	-	-	-	-	-	-	-
copper aerial cable	-	-	-	-	-	-	-	-	-	-
fiber u/g cable	-	-	-	-	-	-	-	-	-	-
fiber buried cable	-	-	-	-	-	-	-	-	-	-
fiber aerial cable	-	-	-	-	-	-	-	-	-	-
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
copper u/g placement	-	-	-	-	-	-	-	-	-	-
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	-	-	-	-	-	-	-	-	-	-

Feeder

	0-5 lines/sq mi	5-100 lines/sq mi	100-200 lines/sq mi	200-650 lines/sq mi	650-850 lines/sq mi	850-2550 lines/sq mi	2550-5000 lines/sq mi	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals
fiber buried placement	-	-	-	-	-	-	-	-	-	-
poles	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Expenses										
copper u/g cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
copper buried cable	-	-	-	-	-	-	-	-	-	-
copper aerial cable	-	-	-	-	-	-	-	-	-	-
fiber u/g cable	-	-	-	-	-	-	-	-	-	-
fiber buried cable	-	-	-	-	-	-	-	-	-	-
fiber aerial cable	-	-	-	-	-	-	-	-	-	-
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
copper u/g placement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	-	-	-	-	-	-	-	-	-	-
poles	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Summary										
Cost of Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Network Expense	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

	0-5 lines/sq mi	5-100 lines/sq mi	100-200 lines/sq mi	200-650 lines/sq mi	650-850 lines/sq mi	850-2550 lines/sq mi	2550-5000 lines/sq mi	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals
Total										
Feeder Investment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
copper u/g cable	-	-	-	-	-	-	-	-	-	-
copper buried cable	-	-	-	-	-	-	-	-	-	-
copper aerial cable	-	-	-	-	-	-	-	-	-	-
fiber u/g cable	-	-	-	-	-	-	-	-	-	-
fiber buried cable	518,764	-	-	-	-	-	-	-	-	518,764
fiber aerial cable	25,542	-	-	-	-	-	-	-	-	25,542
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
copper u/g placement	-	-	-	-	-	-	-	-	-	-
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	215,081	-	-	-	-	-	-	-	-	215,081
poles	19,473	-	-	-	-	-	-	-	-	19,473
TOTAL	\$ 778,861	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 0.00%	\$ 778,861
Levelized Cost of Capital										
copper u/g cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
copper buried cable	-	-	-	-	-	-	-	-	-	-
copper aerial cable	-	-	-	-	-	-	-	-	-	-
fiber u/g cable	-	-	-	-	-	-	-	-	-	-
fiber buried cable	80,213	-	-	-	-	-	-	-	-	80,213
fiber aerial cable	4,048	-	-	-	-	-	-	-	-	4,048
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
copper u/g placement	-	-	-	-	-	-	-	-	-	-
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	33,256	-	-	-	-	-	-	-	-	33,256
poles	4,127	-	-	-	-	-	-	-	-	4,127
TOTAL	\$ 121,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 121,644
Network Expenses										
copper u/g cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
copper buried cable	-	-	-	-	-	-	-	-	-	-
copper aerial cable	-	-	-	-	-	-	-	-	-	-
fiber u/g cable	-	-	-	-	-	-	-	-	-	-
fiber buried cable	20,169	-	-	-	-	-	-	-	-	20,169
fiber aerial cable	1,606	-	-	-	-	-	-	-	-	1,606
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
copper u/g placement	-	-	-	-	-	-	-	-	-	-
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	8,362	-	-	-	-	-	-	-	-	8,362
poles	804	-	-	-	-	-	-	-	-	804
TOTAL	\$ 30,941	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,941
Summary										
Cost of Capital	\$ 121,644	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 121,644
Network Expense	30,941	-	-	-	-	-	-	-	-	30,941
TOTAL	\$ 152,585	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 152,585

End Office Switching

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
EO Switching Investment										
end office switching	\$ 648,243	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	648,243
MDF/protector	-	-	-	-	-	-	-	-	-	-
wire center	75,000	-	-	-	-	-	-	-	-	75,000
land	10,000	-	-	-	-	-	-	-	-	10,000
TOTAL	\$ 733,243	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	733,243
	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
end office switching	\$ 104,897	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	104,897
MDF/protector	-	-	-	-	-	-	-	-	-	-
wire center	11,329	-	-	-	-	-	-	-	-	11,329
land	1,683	-	-	-	-	-	-	-	-	1,683
TOTAL	\$ 117,908	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	117,908
Network Expenses										
end office switching	\$ 30,792	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	30,792
MDF/protector	-	-	-	-	-	-	-	-	-	-
wire center	8,270	-	-	-	-	-	-	-	-	8,270
land	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 39,062	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	39,062
Summary										
Cost of Capital	\$ 117,908	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	117,908
Network Expense	39,062	-	-	-	-	-	-	-	-	39,062
TOTAL	\$ 156,970	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	156,970

Signaling

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
Signaling Investment										
SCP	\$ 1,380	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,380
SCP wire center	221	-	-	-	-	-	-	-	-	221
STP	3,036	-	-	-	-	-	-	-	-	3,036
signaling links	24,971	-	-	-	-	-	-	-	-	24,971
TOTAL	\$ 29,607	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	29,607
	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
SCP	\$ 223	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	223
SCP wire center	33	-	-	-	-	-	-	-	-	33
STP	491	-	-	-	-	-	-	-	-	491
signaling links	3,995	-	-	-	-	-	-	-	-	3,995
TOTAL	\$ 4,743	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,743
Network Expenses										
SCP	\$ 66	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	66
SCP wire center	24	-	-	-	-	-	-	-	-	24
STP	144	-	-	-	-	-	-	-	-	144
signaling links	968	-	-	-	-	-	-	-	-	968
TOTAL	\$ 1,202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,202
Summary										
Cost of Capital	\$ 4,743	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,743
Network Expense	1,202	-	-	-	-	-	-	-	-	1,202
TOTAL	\$ 5,945	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	5,945

Dedicated Transport

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
Dedicated Transport Investment										
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried cable	121,998	-	-	-	-	-	-	-	-	121,998
aerial cable	3,704	-	-	-	-	-	-	-	-	3,704
poles	2,110	-	-	-	-	-	-	-	-	2,110
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 127,812	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	127,812
Levelized Cost of Capital										
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried cable	18,864	-	-	-	-	-	-	-	-	18,864
aerial cable	587	-	-	-	-	-	-	-	-	587
poles	447	-	-	-	-	-	-	-	-	447
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 19,898	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	19,898
Network Expenses										
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried cable	4,743	-	-	-	-	-	-	-	-	4,743
aerial cable	233	-	-	-	-	-	-	-	-	233
poles	87	-	-	-	-	-	-	-	-	87
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 5,063	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	5,063
Summary										
Cost of Capital	\$ 19,898	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	19,898
Network Expense	5,063	-	-	-	-	-	-	-	-	5,063
TOTAL	\$ 24,961	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	24,961
Transmission Terminal										
investment	\$ 47,888	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	47,888
levelized cost of capital	9,355	-	-	-	-	-	-	-	-	9,355
network expenses	733	-	-	-	-	-	-	-	-	733
TOTAL	\$ 10,087	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	10,087

Direct Transport

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
Direct Transport Investment										
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried cable	129,759	-	-	-	-	-	-	-	-	129,759
aerial cable	3,941	-	-	-	-	-	-	-	-	3,941
poles	2,235	-	-	-	-	-	-	-	-	2,235
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 135,935	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	135,935
Levelized Cost of Capital										
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried cable	20,064	-	-	-	-	-	-	-	-	20,064
aerial cable	625	-	-	-	-	-	-	-	-	625
poles	474	-	-	-	-	-	-	-	-	474
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 21,162	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	21,162
Network Expenses										
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried cable	5,045	-	-	-	-	-	-	-	-	5,045
aerial cable	248	-	-	-	-	-	-	-	-	248
poles	92	-	-	-	-	-	-	-	-	92
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 5,385	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	5,385
Summary										
Cost of Capital	\$ 21,162	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	21,162
Network Expense	5,385	-	-	-	-	-	-	-	-	5,385
TOTAL	\$ 26,547	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	26,547
Transmission Terminal										
investment	\$ 50,667	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	50,667
levelized cost of capital	9,897	-	-	-	-	-	-	-	-	9,897
network expenses	775	-	-	-	-	-	-	-	-	775
TOTAL	\$ 10,673	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	10,673

Common Transport

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
Common Transport Investment										
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried cable	319,989	-	-	-	-	-	-	-	-	319,989
aerial cable	9,722	-	-	-	-	-	-	-	-	9,722
poles	5,484	-	-	-	-	-	-	-	-	5,484
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 335,195	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	335,195
Levelized Cost of Capital										
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried cable	49,477	-	-	-	-	-	-	-	-	49,477
aerial cable	1,541	-	-	-	-	-	-	-	-	1,541
poles	1,162	-	-	-	-	-	-	-	-	1,162
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 52,181	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	52,181
Network Expenses										
underground cable	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-
buried cable	12,441	-	-	-	-	-	-	-	-	12,441
aerial cable	611	-	-	-	-	-	-	-	-	611
poles	226	-	-	-	-	-	-	-	-	226
conduit	-	-	-	-	-	-	-	-	-	-
manholes	-	-	-	-	-	-	-	-	-	-
TOTAL	\$ 13,278	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	13,278
Summary										
Cost of Capital	\$ 52,181	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	52,181
Network Expense	13,278	-	-	-	-	-	-	-	-	13,278
TOTAL	\$ 65,459	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	65,459
Transmission Terminal										
investment	\$ 124,104	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	124,104
levelized cost of capital	24,243	-	-	-	-	-	-	-	-	24,243
network expenses	1,899	-	-	-	-	-	-	-	-	1,899
TOTAL	\$ 26,141	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	26,141

Tandem Switching

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
Tandem Switching Investment										
tandem switching	\$ 1,049	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,049
wire center	1,380	-	-	-	-	-	-	-	-	1,380
TOTAL	\$ 2,429	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	2,429
Levelized Cost of Capital										
tandem switching	\$ 170	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	170
wire center	208	-	-	-	-	-	-	-	-	208
TOTAL	\$ 378	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	378
Network Expenses										
tandem switching	\$ 50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	50
wire center	152	-	-	-	-	-	-	-	-	152
TOTAL	\$ 202	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	202
Summary										
Cost of Capital	\$ 378	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	378
Network Expense	202	-	-	-	-	-	-	-	-	202
TOTAL	\$ 580	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	580

Operator Services

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
Operator Investment										
OS Tandem Switching	\$ 442	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	442
OS Tandem Wire Center	552	-	-	-	-	-	-	-	-	552
OS Trunks	58,941	-	-	-	-	-	-	-	-	58,941
OS Position	807	-	-	-	-	-	-	-	-	807
TOTAL	\$ 60,742	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	60,742
Levelized Cost of Capital										
OS Tandem Switching	\$ 71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	71
OS Tandem Wire Center	83	-	-	-	-	-	-	-	-	83
OS Trunks	9120.474958	0	0	0	0	0	0	0	0	9,120
OS Position	195	-	-	-	-	-	-	-	-	195
TOTAL	\$ 9,471	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	9,471
Network Expenses										
OS Tandem Switching	\$ 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	21
OS Tandem Wire Center	61	-	-	-	-	-	-	-	-	61
OS Trunks	2,285	-	-	-	-	-	-	-	-	2,285
OS Position	54	-	-	-	-	-	-	-	-	54
Operator Wages	1,415	-	-	-	-	-	-	-	-	1,415
TOTAL	\$ 3,836	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	3,836
Summary										
Cost of Capital	\$ 9,471	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	9,471
Network Expense	3,836	-	-	-	-	-	-	-	-	3,836
TOTAL	\$ 13,306	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	13,306

Public Telephone

	0-5 lines/sq m	5-100 lines/sq m	100-200 lines/sq m	200-650 lines/sq m	650-850 lines/sq m	850-2550 lines/sq m	2550-5000 lines/sq m	5000-10000 lines/sq m	>10000 lines/sq m	Totals
Public Telephone Investment	\$ 1,531	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,531
	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Levelized Cost of Capital	\$ 313	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	313
Network Expenses	\$ 288	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	288
Summary										
Cost of Capital	\$ 313	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	313
Network Expense	288	-	-	-	-	-	-	-	-	288
TOTAL	\$ 601	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	601

DeprecLife	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	
CCF-Fact	0.15007	0.15004	0.15003	0.15005	0.15008	0.15013	0.15019	0.15026	0.15034	0.15044	0.15053	0.15064	0.15074	0.15085	0.15097	0.15108	0.15120	0.15132	0.15144	0.15156	0.15168	0.15179	0.15191	0.15203	0.15214	0.15226	0.15237	0.15248	0.15259	0.15270	0.15280	0.15290	0.15301	
DeprecFact	0.02041	0.02057	0.02073	0.02073	0.02032	0.02564	0.02500	0.02439	0.02381	0.02236	0.02273	0.02222	0.02174	0.02128	0.02083	0.02041	0.02000	0.01961	0.01923	0.01887	0.01852	0.01818	0.01786	0.01754	0.01724	0.01695	0.01667	0.01639	0.01613	0.01587	0.01563	0.01538	0.01515	
ROF-Fact	0.08481	0.08538	0.08593	0.08647	0.08699	0.08750	0.08799	0.08847	0.08894	0.08939	0.08983	0.09026	0.09068	0.09108	0.09147	0.09185	0.09222	0.09258	0.09293	0.09327	0.09360	0.09391	0.09423	0.09453	0.09482	0.09511	0.09538	0.09565	0.09592	0.09617	0.09642	0.09666	0.09690	
Fax-GU-Fact	0.15085	0.15069	0.15063	0.15067	0.15077	0.15089	0.15102	0.15115	0.15128	0.15141	0.15154	0.15167	0.15180	0.15193	0.15206	0.15219	0.15232	0.15245	0.15258	0.15271	0.15284	0.15297	0.15310	0.15323	0.15336	0.15349	0.15362	0.15375	0.15388	0.15401	0.15414	0.15427	0.15440	0.15453
COE																																		
COE																																		
NPV-EoP	1.29477	1.29808	1.30124	1.30426	1.30715	1.30991	1.31255	1.31508	1.31751	1.31984	1.32207	1.32421	1.32627	1.32825	1.33016	1.33199	1.33376	1.33546	1.33710	1.33868	1.34021	1.34168	1.34311	1.34448	1.34581	1.34710	1.34835	1.34955	1.35072	1.35185	1.35295	1.35402	1.35505	
NPV-BoP	1.44043	1.44411	1.44763	1.45099	1.45420	1.45727	1.46021	1.46303	1.46573	1.46831	1.47080	1.47318	1.47548	1.47768	1.47980	1.48184	1.48380	1.48569	1.48752	1.48928	1.49098	1.49262	1.49420	1.49573	1.49721	1.49864	1.50003	1.50137	1.50267	1.50393	1.50515	1.50634	1.50749	
Pmc-EoP	0.15806	0.15803	0.15802	0.15804	0.15807	0.15812	0.15819	0.15826	0.15835	0.15845	0.15855	0.15866	0.15877	0.15889	0.15901	0.15913	0.15925	0.15938	0.15950	0.15963	0.15975	0.15988	0.16000	0.16012	0.16025	0.16037	0.16048	0.16060	0.16071	0.16083	0.16094	0.16105	0.16115	
Pmc-BoP	0.14208	0.14205	0.14204	0.14206	0.14209	0.14213	0.14219	0.14226	0.14234	0.14242	0.14252	0.14261	0.14272	0.14282	0.14293	0.14304	0.14315	0.14326	0.14337	0.14349	0.14360	0.14371	0.14382	0.14393	0.14404	0.14415	0.14426	0.14436	0.14446	0.14456	0.14466	0.14476	0.14486	
Year																																		
1	0.18711	0.18633	0.18560	0.18491	0.18426	0.18364	0.18305	0.18249	0.18195	0.18144	0.18096	0.18049	0.18005	0.17962	0.17921	0.17882	0.17845	0.17809	0.17774	0.17741	0.17709	0.17678	0.17648	0.17619	0.17591	0.17564	0.17538	0.17513	0.17489	0.17465	0.17442	0.17420	0.17399	
2	0.18240	0.18176	0.18116	0.18059	0.18005	0.17953	0.17905	0.17858	0.17814	0.17772	0.17732	0.17694	0.17657	0.17622	0.17588	0.17556	0.17525	0.17495	0.17466	0.17439	0.17412	0.17387	0.17362	0.17338	0.17315	0.17293	0.17271	0.17251	0.17231	0.17211	0.17192	0.17174	0.17156	
3	0.17769	0.17719	0.17671	0.17626	0.17583	0.17543	0.17505	0.17468	0.17433	0.17400	0.17368	0.17338	0.17309	0.17281	0.17255	0.17229	0.17205	0.17181	0.17158	0.17137	0.17116	0.17096	0.17076	0.17057	0.17039	0.17022	0.17005	0.16988	0.16972	0.16957	0.16942	0.16928	0.16914	
4	0.17298	0.17262	0.17227	0.17194	0.17162	0.17133	0.17104	0.17078	0.17052	0.17028	0.17004	0.16982	0.16961	0.16941	0.16921	0.16902	0.16885	0.16867	0.16851	0.16839	0.16829	0.16819	0.16809	0.16799	0.16789	0.16779	0.16769	0.16759	0.16749	0.16739	0.16729	0.16719	0.16709	
5	0.16828	0.16804	0.16782	0.16761	0.16741	0.16722	0.16704	0.16687	0.16671	0.16656	0.16641	0.16627	0.16613	0.16600	0.16588	0.16576	0.16564	0.16553	0.16543	0.16533	0.16523	0.16514	0.16504	0.16496	0.16487	0.16479	0.16471	0.16464	0.16456	0.16449	0.16442	0.16435	0.16429	
6	0.16357	0.16347	0.16337	0.16328	0.16320	0.16312	0.16304	0.16297	0.16290	0.16283	0.16277	0.16271	0.16265	0.16260	0.16254	0.16249	0.16244	0.16240	0.16235	0.16231	0.16227	0.16223	0.16219	0.16215	0.16211	0.16208	0.16204	0.16201	0.16198	0.16195	0.16192	0.16189	0.16186	
7	0.15886	0.15890	0.15893	0.15896	0.15899	0.15901	0.15904	0.15907	0.15911	0.15913	0.15915	0.15917	0.15919	0.15921	0.15923	0.15924	0.15926	0.15927	0.15929	0.15930	0.15932	0.15933	0.15934	0.15935	0.15937	0.15938	0.15939	0.15940	0.15941	0.15942	0.15943	0.15944	0.15945	
8	0.15416	0.15432	0.15448	0.15463	0.15478	0.15491	0.15504	0.15516	0.15528	0.15539	0.15549	0.15560	0.15570	0.15581	0.15592	0.15602	0.15612	0.15622	0.15632	0.15642	0.15652	0.15662	0.15672	0.15682	0.15692	0.15702	0.15712	0.15722	0.15732	0.15742	0.15752	0.15762	0.15772	
9	0.14945	0.14975	0.15004	0.15031	0.15056	0.15081	0.15104	0.15126	0.15147	0.15167	0.15186	0.15204	0.15221	0.15238	0.15254	0.15269	0.15284	0.15298	0.15312	0.15325	0.15337	0.15350	0.15361	0.15373	0.15383	0.15394	0.15404	0.15414	0.15424	0.15434	0.15444	0.15454	0.15464	
10	0.14474	0.14518	0.14559	0.14598	0.14635	0.14670	0.14704	0.14735	0.14769	0.14802	0.14834	0.14864	0.14893	0.14921	0.14943	0.14964	0.14984	0.15004	0.15023	0.15041	0.15059	0.15075	0.15092	0.15108	0.15123	0.15137	0.15152	0.15167	0.15182	0.15197	0.15212	0.15224	0.15236	
11	0.14003	0.14061	0.14115	0.14166	0.14214	0.14260	0.14304	0.14345	0.14385	0.14424	0.14458	0.14493	0.14525	0.14557	0.14587	0.14616	0.14644	0.14671	0.14696	0.14721	0.14745	0.14768	0.14790	0.14811	0.14832	0.14853	0.14874	0.14895	0.14916	0.14937	0.14958	0.14979	0.14999	
12	0.13533	0.13603	0.13670	0.13733	0.13793	0.13850	0.13903	0.13955	0.14004	0.14050	0.14094	0.14137	0.14178	0.14216	0.14254	0.14290	0.14324	0.14357	0.14388	0.14419	0.14448	0.14477	0.14506	0.14535	0.14564	0.14593	0.14622	0.14650	0.14678	0.14706	0.14734	0.14762	0.14790	
13	0.13062	0.13146	0.13225	0.13301	0.13372	0.13439	0.13503	0.13564	0.13622	0.13678	0.13731	0.13781	0.13830	0.13876	0.13920	0.13963	0.14004	0.14043	0.14081	0.14117	0.14152	0.14186	0.14218	0.14249	0.14280	0.14309	0.14337	0.14365	0.14393	0.14421	0.14449	0.14476	0.14504	
14	0.12591	0.12689	0.12781	0.12868	0.12951	0.13029	0.13104	0.13174	0.13241	0.13306	0.13367	0.13426	0.13482	0.13535	0.13587	0.13636	0.13684	0.13729	0.13773	0.13815	0.13855	0.13895	0.13932	0.13969	0.14004	0.14038	0.14070	0.14102	0.14133	0.14163	0.14191	0.14219	0.14246	
15	0.12120	0.12231	0.12336	0.12435	0.12529	0.12618	0.12703	0.12784	0.12860	0.12933	0.13003	0.13070	0.13134	0.13195	0.13253	0.13310	0.13363	0.13415	0.13465	0.13513	0.13559	0.13604	0.13646	0.13688	0.13728	0.13766	0.13804	0.13840	0.13875	0.13909	0.13941	0.13973	0.14004	
16	0.11650	0.11774	0.11892	0.12003	0.12108	0.12208	0.12303	0.12393	0.12479	0.12561	0.12640	0.12714	0.12786	0.12854	0.12920	0.12983	0.13043	0.13101	0.13157	0.13211	0.13263	0.13313	0.13361	0.13407	0.13452	0.13495	0.13537	0.13577	0.13617	0.13654	0.13691	0.13727	0.13761	
17	0.11179	0.11317	0.11457	0.11570	0.11687	0.11798	0.11903	0.12003	0.12098	0.12189	0.12276	0.12359	0.12438	0.12514	0.12587	0.12656	0.12723	0.12788	0.12849	0.12909	0.12966	0.13022	0.13075	0.13126	0.13176	0.13224	0.13270	0.13315	0.13358	0.13400	0.13441	0.13481	0.13519	
18	0.10708	0.10860	0.11002	0.11138	0.11266	0.11387	0.11503	0.11613	0.11717	0.11817	0.11912	0.12003	0.12090	0.12173	0.12253	0.12330	0.12403	0.12474	0.12542	0.12607	0.12670	0.12731	0.12789	0.12845	0.12900	0.12953	0.13003	0.13053	0.13100	0.13146	0.13191	0.13234	0.13276	
19	0.10238	0.10402	0.10558	0.10705	0.10845	0.10977	0.11103	0.11222	0.11336	0.11445	0.11548	0.11647	0.11742	0.11833	0.11920	0.12003	0.12083	0.12160	0.12234	0.12305	0.12374	0.12440	0.12505	0.12569	0.12624	0.12681	0.12737	0.12790	0.12842	0.12892	0.12941	0.12988	0.13034	
20	0.09767	0.09945	0.10113	0.10273	0.10423	0.10567	0.10702	0.10832	0.10955	0.11072	0.11185	0.11292	0.11394	0.11492	0.11586	0.11676	0.11763	0.11846	0.11926	0.12003	0.12077	0.12149	0.12217	0.12284	0.12348	0.12410	0.12470	0.12528	0.12584	0.12638	0.12691	0.12742	0.12791	
21	0.09296	0.09488	0.09669	0.09840	0.09992	0.10136	0.10274	0.10404	0.10524	0.10634	0.10734	0.10824	0.10914	0.11004	0.11084																			

Depreciated life	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
CCCFact	0.15311	0.15320	0.15330	0.15339	0.15349	0.15358	0.15366	0.15375	0.15384	0.15392	0.15400	0.15408	0.15416	0.15423	0.15431
DeprecFact	0.01493	0.01471	0.01449	0.01429	0.01408	0.01389	0.01370	0.01351	0.01333	0.01316	0.01299	0.01282	0.01266	0.01250	0.01235
RORFact	0.09713	0.09735	0.09757	0.09778	0.09798	0.09818	0.09838	0.09857	0.09876	0.09894	0.09912	0.09929	0.09946	0.09962	0.09978
TaxGUFact	0.04106	0.04115	0.04124	0.04133	0.04142	0.04150	0.04159	0.04167	0.04174	0.04182	0.04190	0.04197	0.04204	0.04211	0.04218
COE															
COD															
NPV-EoP	1.35606	1.35703	1.35798	1.35890	1.35979	1.36066	1.36151	1.36234	1.36314	1.36392	1.36468	1.36542	1.36615	1.36685	1.36754
NPV-BuP	1.50861	1.50969	1.51075	1.51177	1.51277	1.51373	1.51468	1.51559	1.51649	1.51736	1.51820	1.51903	1.51983	1.52062	1.52138
Pmc-EoP	0.16126	0.16136	0.16146	0.16156	0.16166	0.16175	0.16185	0.16194	0.16203	0.16212	0.16220	0.16228	0.16237	0.16245	0.16253
Pmc-BuP	0.14495	0.14505	0.14514	0.14523	0.14531	0.14540	0.14548	0.14556	0.14564	0.14572	0.14580	0.14587	0.14595	0.14602	0.14609
Year															
1	0.17378	0.17358	0.17338	0.17319	0.17301	0.17283	0.17265	0.17248	0.17231	0.17215	0.17200	0.17184	0.17169	0.17155	0.17141
2	0.17139	0.17122	0.17106	0.17090	0.17075	0.17060	0.17046	0.17032	0.17018	0.17005	0.16992	0.16979	0.16967	0.16955	0.16943
3	0.16900	0.16887	0.16874	0.16862	0.16850	0.16838	0.16827	0.16816	0.16805	0.16794	0.16784	0.16774	0.16764	0.16755	0.16745
4	0.16661	0.16652	0.16642	0.16633	0.16624	0.16616	0.16607	0.16599	0.16591	0.16584	0.16576	0.16569	0.16562	0.16555	0.16548
5	0.16422	0.16416	0.16410	0.16405	0.16399	0.16393	0.16388	0.16383	0.16378	0.16373	0.16368	0.16364	0.16359	0.16355	0.16350
6	0.16184	0.16181	0.16178	0.16176	0.16173	0.16171	0.16169	0.16167	0.16165	0.16162	0.16160	0.16158	0.16156	0.16155	0.16153
7	0.15945	0.15946	0.15946	0.15947	0.15948	0.15949	0.15949	0.15950	0.15951	0.15952	0.15953	0.15954	0.15954	0.15955	0.15955
8	0.15706	0.15710	0.15714	0.15719	0.15723	0.15727	0.15730	0.15734	0.15738	0.15741	0.15745	0.15748	0.15751	0.15754	0.15757
9	0.15467	0.15475	0.15483	0.15490	0.15497	0.15504	0.15511	0.15518	0.15524	0.15531	0.15537	0.15543	0.15549	0.15554	0.15560
10	0.15228	0.15239	0.15251	0.15261	0.15272	0.15282	0.15292	0.15302	0.15311	0.15320	0.15329	0.15338	0.15346	0.15354	0.15362
11	0.14989	0.15004	0.15019	0.15033	0.15046	0.15060	0.15073	0.15085	0.15098	0.15109	0.15121	0.15132	0.15143	0.15154	0.15165
12	0.14750	0.14769	0.14787	0.14804	0.14821	0.14837	0.14853	0.14869	0.14884	0.14899	0.14913	0.14927	0.14941	0.14954	0.14967
13	0.14511	0.14533	0.14555	0.14575	0.14596	0.14615	0.14634	0.14653	0.14671	0.14688	0.14705	0.14722	0.14738	0.14754	0.14770
14	0.14273	0.14298	0.14323	0.14347	0.14370	0.14393	0.14415	0.14436	0.14457	0.14478	0.14498	0.14517	0.14536	0.14554	0.14572
15	0.14034	0.14063	0.14091	0.14118	0.14145	0.14171	0.14196	0.14220	0.14244	0.14267	0.14290	0.14312	0.14333	0.14354	0.14374
16	0.13795	0.13827	0.13859	0.13889	0.13919	0.13948	0.13976	0.14004	0.14031	0.14056	0.14082	0.14106	0.14130	0.14154	0.14177
17	0.13556	0.13592	0.13627	0.13661	0.13694	0.13726	0.13757	0.13788	0.13817	0.13846	0.13874	0.13901	0.13928	0.13954	0.13979
18	0.13317	0.13357	0.13395	0.13432	0.13468	0.13504	0.13538	0.13571	0.13604	0.13635	0.13666	0.13696	0.13725	0.13754	0.13782
19	0.13078	0.13121	0.13163	0.13204	0.13243	0.13281	0.13319	0.13355	0.13390	0.13425	0.13458	0.13491	0.13523	0.13554	0.13584
20	0.12839	0.12886	0.12931	0.12975	0.13018	0.13059	0.13099	0.13139	0.13177	0.13214	0.13250	0.13286	0.13320	0.13354	0.13386
21	0.12600	0.12659	0.12709	0.12756	0.12802	0.12837	0.12870	0.12902	0.12934	0.12964	0.12994	0.13024	0.13054	0.13084	0.13119
22	0.12362	0.12415	0.12467	0.12518	0.12567	0.12615	0.12661	0.12706	0.12750	0.12793	0.12835	0.12875	0.12915	0.12954	0.12991
23	0.12123	0.12180	0.12235	0.12289	0.12341	0.12392	0.12442	0.12490	0.12537	0.12582	0.12627	0.12670	0.12712	0.12753	0.12794
24	0.11884	0.11944	0.12003	0.12060	0.12116	0.12170	0.12222	0.12274	0.12323	0.12372	0.12419	0.12465	0.12510	0.12553	0.12596
25	0.11645	0.11709	0.11771	0.11832	0.11891	0.11948	0.12003	0.12057	0.12110	0.12161	0.12211	0.12260	0.12307	0.12353	0.12398
26	0.11406	0.11474	0.11539	0.11603	0.11665	0.11725	0.11784	0.11841	0.11897	0.11953	0.12008	0.12061	0.12113	0.12163	0.12211
27	0.11167	0.11238	0.11307	0.11374	0.11440	0.11503	0.11565	0.11625	0.11683	0.11740	0.11795	0.11849	0.11902	0.11953	0.12003
28	0.10928	0.11003	0.11075	0.11146	0.11214	0.11281	0.11345	0.11408	0.11470	0.11529	0.11588	0.11644	0.11699	0.11753	0.11806
29	0.10689	0.10768	0.10843	0.10917	0.10989	0.11058	0.11126	0.11192	0.11256	0.11319	0.11380	0.11439	0.11497	0.11553	0.11608
30	0.10450	0.10532	0.10611	0.10689	0.10767	0.10836	0.10907	0.10976	0.11043	0.11108	0.11172	0.11234	0.11294	0.11353	0.11410
31	0.10212	0.10297	0.10380	0.10460	0.10538	0.10614	0.10688	0.10760	0.10830	0.10898	0.10964	0.11029	0.11092	0.11153	0.11213
32	0.09973	0.10061	0.10148	0.10231	0.10313	0.10392	0.10469	0.10543	0.10616	0.10687	0.10756	0.10823	0.10889	0.10953	0.11015
33	0.09734	0.09826	0.09916	0.10003	0.10087	0.10169	0.10249	0.10327	0.10403	0.10476	0.10548	0.10618	0.10686	0.10753	0.10818
34	0.09495	0.09591	0.09684	0.09774	0.09862	0.09947	0.10030	0.10111	0.10189	0.10266	0.10340	0.10413	0.10484	0.10553	0.10620
35	0.09256	0.09355	0.09452	0.09545	0.09636	0.09725	0.09811	0.09894	0.09973	0.10055	0.10133	0.10208	0.10281	0.10353	0.10423
36	0.09017	0.09120	0.09220	0.09317	0.09411	0.09502	0.09592	0.09678	0.09763	0.09845	0.09925	0.10003	0.10079	0.10153	0.10225
37	0.08778	0.08885	0.08988	0.09088	0.09185	0.09280	0.09372	0.09462	0.09549	0.09634	0.09717	0.09797	0.09876	0.09953	0.10027
38	0.08539	0.08649	0.08756	0.08859	0.08960	0.09058	0.09153	0.09246	0.09336	0.09424	0.09509	0.09592	0.09673	0.09753	0.09830
39	0.08301	0.08414	0.08524	0.08631	0.08735	0.08836	0.08934	0.09029	0.09122	0.09213	0.09301	0.09387	0.09471	0.09553	0.09632
40	0.08062	0.08179	0.08292	0.08402	0.08509	0.08613	0.08715	0.08813	0.08909	0.09002	0.09093	0.09182	0.09269	0.09352	0.09435
41	0.07823	0.07943	0.08060	0.08173	0.08284	0.08391	0.08495	0.08597	0.08696	0.08792	0.08885	0.08977	0.09066	0.09152	0.09237
42	0.07584	0.07708	0.07828	0.07945	0.08058	0.08169	0.08276	0.08381	0.08482	0.08581	0.08678	0.08772	0.08863	0.08952	0.09039
43	0.07345	0.07472	0.07596	0.07716	0.07833	0.07946	0.08057	0.08164	0.08269	0.08371	0.08470	0.08566	0.08660	0.08752	0.08842
44	0.07106	0.07237	0.07364	0.07488	0.07608	0.07724	0.07838	0.07948	0.08055	0.08160	0.08262	0.08361	0.08458	0.08552	0.08644
45	0.06867	0.07002	0.07132	0.07259	0.07382	0.07502	0.07618	0.07732	0.07842	0.07949	0.08054	0.08156	0.08255	0.08352	0.08447
46	0.06628	0.06766	0.06900	0.07030	0.07157	0.07280	0.07399	0.07515	0.07629	0.07739	0.07846	0.07951	0.08053	0.08152	0.08249
47	0.06390	0.06531	0.06668	0.06802	0.06931	0.07057	0.07180	0.07299	0.07415	0.07528	0.07638	0.07746	0.07850	0.07952	0.08051
48	0.06151	0.06296	0.06436	0.06573	0.06706	0.06835	0.06961	0.07085	0.07202	0.07318	0.07430	0.07540	0.07648	0.07752	0.07854
49	0.05912	0.06060	0.06204	0.06344	0.06480	0.06613	0.06741	0.06867	0.06988	0.07107	0.07223	0.07335	0.07445	0.07552	0.07656
50	0.05673	0.05825	0.05972	0.06116	0.06255	0.06390	0.06522	0.06650	0.06775	0.06896	0.07015	0.07130	0.07242	0.07352	0.07459
51	0.05434	0.05589	0.05740	0.05887	0.06030	0.06168	0.06303	0.06434	0.06562	0.06686	0.06807	0.06925	0.07040	0.07152	0.07261
52	0.05195	0.05354	0.05508	0.05658	0.05804	0.05946	0.06084	0.06218	0.06348	0.06475	0.06599	0.06720	0.06837	0.06952	0.07063
53	0.04956	0.05119	0.05277	0.05430	0.05579	0.05724	0.05864	0.06001	0.06135	0.06265	0.06391	0.06514	0.06635	0.06752	0.06866
54	0.04717	0.04883	0.05045	0.05201	0.05353	0.05501	0.05645	0.05785	0.05921	0.06054	0.06183	0.06309	0.06432	0.06552	0.06668
55	0.04479	0.04648	0.04813	0.04973	0.05128	0.05279	0.05426	0.05569							

EXPENSE MODULE INPUTS

	User Inputs	Calculations
State	Missouri	
Company	Holway Telephone Company	
Cost of Capital Inputs		
Cost of Debt	8.80%	
Debt fraction	44.20%	
Cost of Equity	13.19%	
Equity fraction		55.80%
Weighted equity fraction		65.42%
Overall Cost of Capital		11.25%
Traffic Inputs		
local DEMs, thousands	6,405	
intrastate DEMs, thousands	1,367	
interstate DEMs, thousands	1,350	9,122 total DEMs, thousands
Local call completion fraction	70.00%	
Total local calls attempted	1,451	1,016 Total local calls completed
Total intraLATA calls completed	86	
Total interLATA calls completed - intrastate	87	
Total interLATA calls completed - interstate	185	
local DEM fraction	68.21%	
local interoffice traffic fraction	12.04%	
D link investment, per link	\$ -	
Bus/Res DEMs ratio (local, state, interstate)	110%	200% 300%
entrance facility investment per line	-	
local direct-routed fraction	98.00%	
tandem-routed intraLATA fraction	100.00%	
tandem-routed access fraction	100.00%	
maximum trunk usage, CCS	27.5	
ISUP msgs per i/o call attempt	6	
avg ISUP msg length, octets	25	
TCAP msgs per transaction	2	
TCAP msg length, octets	100	
fraction of calls requiring TCAP	10.00%	
trunk port investment, per port	\$ 100	
Switch line circuit offset per DLC line	\$ -	
Total signaling links	4	
Average trunk utilization	30.00%	
Cost Parameters		
tax rate	39.25%	
corporate overhead factor	10.40%	
other taxes factor	5.00%	
billing/bill inquiry per line per month	\$ 2.30	
directory listing per line per month	\$ -	
forward-looking network operations factor	100.00%	
alternative CO switching factor	4.75%	
alternative circuit equipment factor	1.53%	
EO non-port fraction	70.00%	
per-line monthly LNP cost	\$ 0.25	
Carrier-carrier customer service, per line per year	\$ 1.69	
NID expense per line per year	\$ 1.00	
DS-0/DS-1 terminal factor	12.4	
DS-1/DS-3 terminal factor	9.9	
Average lines per business location	4.00	

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Account	USOA Category	Economic Lives	Net Salvage Percent	Adjusted Projection Lives (years)	Investment
2112	Motor Vehicles	9.28	0.1121	10.45	
2115	Garage Work Equipment	11.04	-0.1071	9.97	
2116	Other Work Equipment	13.47	0.0321	13.92	
2121	Buildings	47.82	0.0187	48.73	
2122	Furniture	17.1	0.0688	18.36	
2123.1	Office Support Equipmen	11.58	0.0691	12.44	
2123.2	Company Comm Equipm	7.69	0.0376	7.99	
2124	Computers	6.36	0.0373	6.61	
2212	Digital Switching	16.66	0.0297	17.17	
2220	Operator Systems	9.33	-0.0082	9.25	
2232.2	Digital Circuit Equipment	10.07	-0.0169	9.90	
2351	Public Telephone	8.26	0.0797	8.98	
	NID, SAI			18.06	Calculated
2411	Poles	15.92	-0.8998	8.38	
2421-m	Aerial Cable - Metallic	16.75	-0.2303	13.61	\$ 26,665
2421-nm	Aerial Cable - Non-Metall	22.24	-0.1753	18.92	\$ 35,264
2422-m	Underground - Metallic	21.14	-0.1826	17.88	\$ -
2422-nm	Underground - Non-Meta	23.08	-0.1458	20.14	\$ -
2423-m	Buried - Metallic	19.9	-0.0839	18.36	\$ 526,906
2423-nm	Buried - Non-Metallic	23.86	-0.0858	21.97	\$ 1,090,510
2426-m	Intrabuilding - Metallic	15.71	-0.1674	13.57	
2426-nm	Intrabuilding - Non-Metall	23.62	-0.1052	21.37	
2441	Conduit Systems	50.92	-0.1034	46.15	
Average Metallic Cable (calculated)				18.06	\$ 553,571
Average Non-Metallic Cable (calculated)				21.86	\$ 1,125,774

Structure fraction assigned to telephone

density range	dist aerial	dist buried	dist underground	fdr aerial	fdr underground	fdr buried
0-5	100%	100%	100%	100%	100%	100%
5-100	100%	100%	100%	100%	100%	100%
100-200	100%	100%	100%	100%	100%	100%
200-650	50%	100%	100%	50%	100%	100%
650-850	50%	100%	100%	50%	100%	100%
850-2550	50%	100%	100%	50%	100%	100%
2550-5000	50%	100%	100%	50%	100%	100%
5000-10000	50%	100%	100%	50%	100%	100%
>10000	50%	100%	100%	50%	100%	100%

Usage Calculations

Intrastate Toll DEMs	1,367,000	
Interstate Toll DEMs	1,350,000	
trunk port usage	15,707,249	
trk-min/mo	10,044	
interLATA ded. trunks	23	
Common Transport MOU		
Local	14,987	w/o OS usage
Intrastate Toll	1,367,000	
Interstate Toll	1,350,000	
	2,731,987	
Intrastate IntraLATA Calls	86	49.71% SOCCC message counts
Intrastate InterLATA Calls	87	50.29%
	173	

Calculation of EO Usage

Local DEMs, incl OS	6,405,000	70.2% of total DEMs	
Intraoffice Local DEMs	5,633,669		
Intraoffice Local Actual Min	2,816,835		
Interoffice Local Actual Min	771,331	per end	Dedicated Transport MOU
Intrastate Toll Actual Min	1,367,000		Local, w/o OS 367,186
Interstate Toll Actual Min	<u>1,350,000</u>		IntraLATA Toll -
	6,305,165		InterLATA Toll <u>2,717,000</u>
			3,084,186
Tandem Switch MOU			Dedicated Trunk-SW 26
Local	7,494		
IntraLATA Toll	339,775		
InterLATA Toll	<u>2,037,451</u>		
	2,384,719		

6620	6620 TOTAL SERVICES EXPENSES	28	CALC
-	700 TOTAL CUSTOMER OPERATIONS EXPENSE (6610 + 6620)	39	CALC
	CORPORATE OPERATIONS EXPENSES	A. EXPENSES	B. REVENUES
			C. EXP/REV (A/B)
6711	6711 EXECUTIVE	1	CALC
6712	6712 PLANNING	1	CALC
6710	6710 TOTAL EXECUTIVE & PLANNING	2	CALC
6721	6721 ACCOUNTING & FINANCE	4	CALC
6722	6722 EXTERNAL RELATIONS	3	CALC
6723	6723 HUMAN RESOURCES	3	CALC
6724	6724 INFORMATION MANAGEMENT	12	CALC
6725	6725 LEGAL	1	CALC
6726	6726 PROCUREMENT	1	CALC
6727	6727 RESEARCH & DEVELOPMENT	1	CALC
6728	6728 OTHER GENERAL & ADMINISTRATIVE	10	CALC
6720	6720 TOTAL GENERAL & ADMINISTRATIVE	35	CALC
	710 TOTAL CORPORATE OPERATIONS EXPENSE (6710 + 6720 + 6790)	47	CALC
	720 TOTAL OPERATING EXPENSES		CALC
	DEM - LOCAL	6,405	
	DEM - INTRASTATE	1,368	
	DEM - INTERSTATE	1,350	
	MESSAGES - INTRALATA	87	
	MESSAGES - INTERLATA - interstate	186	
	MESSAGES - INTERLATA - intrastate	87,444,158,77	
4308 (EC)	LOCAL CALL ATTEMPTS	1,451	
	LINES - BUSINESS	141	
	RESIDENTIAL	382	
	PUBLIC	4	
	SPECIAL	35	
	TOTAL	563	
	5081 END USER		24
	5082 SWITCHED ACCESS		53
	5083 SPECIAL ACCESS		10
	TOTAL INTER ACCESS		87
	5084 END USER		
	5084 SWITCHED ACCESS		
	5084 SPECIAL ACCESS		
	STATE ACCESS		45
	TOTAL ACCESS REVENUES		132
	LD MESSAGE REVENUE		
	5100 INTERSTATE MESSAGE		
	5100 INTRASTATE MESSAGE		
	5100 INTERSTATE CALLING PLAN		
	5100 INTRASTATE CALLING PLAN		
	LD MSG REV (CLASS A)		38
	UNIDIRECTIONAL LD		
	5110 INTERSTATE		
	INTRASTATE		
	TOTAL		1
	5120 LD PRIVATE NETWORK		3
	OTHER LD		
	5160 INTERSTATE		
	INTRASTATE		
	TOTAL		0
	TOTAL LD NETWORK REVENUE		
	INTERSTATE		
	INTRASTATE		
	TOTAL		43
	BASIC LOCAL SERVICE		
	5001 BASIC AREA		116
	5002 OPTIONAL EXTEND AREA		4
	5003 CELLAR MOBIL		3
	5004 OTHER MOBIL SVC		0
	TOTAL BASIC SVC		123
	PUBLIC TELEPHONE REVENUE		
	5010 LOCAL PUBLIC MSG		
	UNIVERSAL		
	PB EXCHANGE IX CARRIER		
	CC COINLESS		
	PUBLIC EXH		

	SEMI-PUBLIC OTHER PUBLIC PHONE REV TOTAL PUBLIC PHONE REVENUE				3	
	5040 LOCAL PRIVATE LINE				4	
	CUSTOMER PREMISE 5050 STATION APP CUSTOMER PREMISE WIRING TOTAL CUSTOMER PREMISES				0	
	OTHER LOCAL EXCHANGE 5060 CO FEATURES INFO TRANSPORT DIRECTORY ASSIST INTERCEPT SRVC OTHER LOC EXCH TOTAL OTHER				29	
	TOTAL LOCAL NETWORK SRVC REVENUE INTERSTATE INTRASTATE				159.1700356	
	TOTAL REVENUE				334.1200162	
	CAPITAL STRUCTURE PARAMETERS					
	DEBT/EQUITY RATIO	DEBT/EQUITY RATIO	DEBT/EQUITY RATIO	DEBT/EQUITY RATIO	DEBT/EQUITY RATIO	DEBT/EQUITY RATIO
	COST OF DEBT					
	COST OF EQUITY					
		BALANCE SHEET	ACCRUEL		DEPR LIFE	
		43-02, B-1	43-02, B-5		(ASSUMING	
		AVG=(ab+af)/2	(col 2C)		STRAIGHT LIFE)	
		A	B		C = (A/C)	
		-	-		-	
	ECONOMIC LIFE					
(2422,21,22,23,41)	FEEDER					
(2422,21,22,23,41)	DISTRIBUTION					
	2121 BUILDINGS					
	2232 DLC ELECTRONIC EQUIPMENT					
	2212 EO SWITCHING					
	2212 TANDEM SWITCHING					
	2220 OS POSITIONS					
	2220 OS TANDEM					
	2232 TRANSMISSION SYSTEMS					
	2351 PUBLIC TELEPHONE EQUIPMENT					
2122,2124	FURNITURE + GP COMPUTERS					
DATA SOURCEDATA SOURCEDATA SOURCEDATA SOURCEDATA SOURCEDATA SOURCESum checksum checksum checksum checksum checksum checksum checksum check						
ARMIS 4303	Jan 1996 to Dec 1996			28215	495	
ARMIS 4304	GEORGIA			9007 (EJ)	9010	
ARMIS 4308		0 (EJ)				
DEM				0		
=	=	=	=	=	=	
UNCOLL RATE:	BA Lcl Svc	4303.Ln 520				159.173911
	LD Ntwk Svs Rev	4303.Ln 525				43.16288338
	End User	4303.Ln 5081				23.88572909
	Sw Acc	4303.Ln 5082				53.47799742
	Spcl Acc	4303.Ln 5083				9.841295543
	St Acc	4303.Ln 5084				44.92059714
	Uncoll Rev	4303.Ln 5300				5.661211007
	Tot Acc	4304.Ln4040 (P)				0.469254883
	B&C	4304.Ln4040 (Q)				0.046088827
	IX	4304.Ln4040 (R)				0.001666079
	Ln4040 (P+Q+R)	Calc (P+Q+R)				0.517009789
Uncoll -Acc	5300-(4040p..r)	1a				5.144201218
End User+ Rievs	5081+520+525	1b				225.2225235
Uncoll Retail Rate		1c=(a/b)				0.022739563
Uncoll Wholesale rate	4040p/(5082..5084)	2a				0.004335323

Actuals for 1996 (\$000s)

	Investments	Expenses	Calculated Factor	
Plant-Specific Operations Expenses				
TPIS - General Support				
2111 Land	\$ 5	\$ -	-	
2112 Motor Vehicles	\$ 12	\$ 0	0.0348	
2113 Aircraft	\$ 1	\$ 0	0.3125	
2114 Special Purpose Vehicles	\$ 0	\$ 0	0.0142	
2115 Garage Work Equipment	\$ 0	\$ 0	0.0353	
2116 Other Work Equipment	\$ 10	\$ 0	0.0113	
2121 Buildings	\$ 71	\$ 8	0.1103	Land & Bldg Exp Applied to Bldgs
2122 Furniture	\$ 5	\$ 1	0.1224	
2123 Office Equipment	\$ 12	\$ 1	0.1015	
2124 General Purpose Computers	\$ 18	\$ 12	0.6381	
2110 Total Land & Support Assets	\$ 134	\$ 22	0.1650	
TPIS - Central Office Switching				
2211 Analog Electronic Switching	\$ 8	\$ 0	0.0453	
2212 Digital Electronic Switching	\$ 234	\$ 13	0.0569	4.75% NET CO Switch Factor
2210 Total Central Office Switching	\$ 242	\$ 14	0.0565	
2220 Operator Systems	\$ 4	\$ 0	0.0675	
TPIS - Central Office Transmission				
2231 Satellite & Earth Station Facilities				
2231 Other Radio Facilities				
2231 Radio Systems				
2232 Circuit Equipment	\$ 161	\$ 3	0.0163	1.53% alternative factor
2230 Total Central Office Transmission	\$ 161	\$ 3	0.0163	
TPIS - Information Orig/Term				
2311 Station Apparatus	\$ 0	\$ 0	0.3824	
2321 Customer Premises Wiring	\$ -	\$ -	0.0000	
2341 Large Private Branch Exchange	\$ 0	\$ 0	4.5000	
2351 Public Telephone Terminal Equipment	\$ 5	\$ 1	0.1881	
2362 Other Terminal Equipment	\$ 9	\$ 2	0.1763	
2310 Total Information Orig/Term	\$ 14	\$ 3	0.1824	
TPIS - Cable & Wire Facilities				
2411 Poles	\$ 28	\$ 1	0.0413	
2421 Aerial Cable	\$ 131	\$ 8	0.0629	0.0629
2422 Underground Cable	\$ 84	\$ 2	0.0196	0.0196
2423 Buried Cable	\$ 232	\$ 9	0.0389	0.0389
2424 Submarine Cable				
2425 Deep Sea Cable				
2426 Intrabuilding Network Cable				
2431 Aerial Wire				
2441 Conduit Systems	\$ 47	\$ 0	0.0037	
2410 Total Cable & Wire Facilities	\$ 522	\$ 20	0.0388	
240 Total TPIS (before amortizable assets)	\$ 944	\$ 61	0.0652	
Plant Non-Specific Operations Expenses				
	Expenses	Investment	Factor	
6512 Provisioning Expenses	\$ 0	\$ 944	0.0003	
6531 Power Expenses	\$ 2	\$ 944	0.0019	8.10% all
6532 Network Administration	\$ 5	\$ 944	0.0048	20.47% switching, interoffice
6533 Testing	\$ 5	\$ 944	0.0050	21.22% all
6534 Plant Operations Administration	\$ 7	\$ 944	0.0074	31.89% all
6535 Engineering	\$ 4	\$ 944	0.0039	16.83% all
6540 Access Expense				
6530 Total Network Operations Expenses (includes provisioning)	\$ 22	\$ 944	0.0233	per line network operations
Network Support Factor Calculation				total lines (from net. invest. inputs)
	Expenses	Cable & Wire Inv	Factor	563
6112 Motor Vehicles	\$ 0			
6113 Aircraft	\$ 0			
6114 Special Purpose Vehicles	\$ 0			
6115 Garage Work Equipment	\$ 0			
6116 Other Work Equipment	\$ 0			
Aircraft & Special Purpose Vehicles	\$ 1	\$ 522	0.0011	annual net ops per line
				\$ 39.11

Customer Operations Expenses

	Expenses		Net Revenues		Factor			
6611 Product Management *	\$	3	\$	0.4638	\$	188	0.0166	
6612 Sales *	\$	6	\$	0.8522	\$	188	0.0306	
6613 Product Advertising	\$	2			\$	188	0.0110	
6610 Total Marketing Expenses	\$	11					0.0582	
6621 Call Completion Service	\$	2			\$	188	0.0131	
6622 Number Services	\$	6	\$	0.8863	\$	188	0.0318	
6623 Customer Services	\$	20	\$	2.9168	\$	188	0.1046	
6620 Total Services Expenses	\$	28	\$	4.23			0.1495	
Billing/bill inquiry (per line/month)	\$	2.30						
Directory listing (per line/month)		-						
700 Total Customer Operations Expenses	\$	39.13			\$	188	0.2078	0.2442

Corporate Operations Expenses

Corporate Operations Expense		Expenses	Revenues	Factor		
6711 Executive	\$	1	\$	188	0.0079	
6712 Planning	\$	1	\$	188	0.0039	
6710 Total Executive & Planning	\$	2	\$	188	0.0117	
6721 Accounting & Finance	\$	4	\$	188	0.0237	
6722 External Relations	\$	3	\$	188	0.0144	
6723 Human Resources	\$	3	\$	188	0.0171	
6724 Information Management	\$	12	\$	188	0.0653	
6725 Legal	\$	1	\$	188	0.0055	
6726 Procurement	\$	1	\$	188	0.0030	
6727 Research & Development	\$	1	\$	188	0.0038	
6728 Other General & Administrative	\$	10	\$	188	0.0554	
6720 Total General & Administrative	\$	35	\$	188	0.1880	
710 Total Corporate Operations Expense	\$	38	\$	188	0.1040	0.2347
720 Total Operating Expenses	\$	160				47.89% Total Operations General Support Allocator
note: does not include dep/amort						45.55% "Office Worker" General Support Allocator

Misc Expenses Calculation	2122 Furniture	2123 Office Equipment	2124 GP Computer	2112 Motor Vehicles	2121 Buildings	2115 Garage Work Equipment	2116 Other Work Equipment
Investment	\$ 5	\$ 12	\$ 18	\$ 12	\$ 36	\$ 0	\$ 10
Investment/TPIS	0.005	0.013	0.020	0.013	0.038	0.000	0.010
Expense	\$ 1	\$ 1	\$ 12	\$ 0	\$ 4	\$ 0	\$ 0
Expense Factor	0.122	0.101	0.638	0.035	0.110	0.035	0.011
Model TPIS	\$ 4,149	\$ 4,149	\$ 4,149	\$ 4,149	\$ 4,149	\$ 4,149	\$ 4,149
Calculated Investment	\$ 21	\$ 53	\$ 81	\$ 54	\$ 157	\$ 2	\$ 42
Calculated Expense	\$ 3	\$ 5	\$ 52	\$ 2	\$ 17	\$ 0	\$ 0
Subtotal (\$s)	\$ 34,997						
Total Misc Expense	\$ 34,997						

Other Taxes & Uncollectibles Calculation

	Expenses		Net Revenues		Factor
7230 Operating State & Local Income Tax	\$	4	\$	(18)	
7240 Operating Other Taxes	\$	15	\$	(18)	0.0500
5300 Uncollectible Revenues	\$	6	\$	188	0.0301
retail					0.0227
wholesale					0.0043
Ratio of Net Plant to TPIS					
TPIS	\$	944			
Net Plant	\$	944			
Ratio	\$	1			
Model Investment	\$	-			
Model % of Net Plant	\$	-			
Model % of TPIS		0%			

Actual 1996 Revenue

		% of total
Interstate Access		
5081 End User	\$ 24	8.26%
5082 Switched Access	\$ 53	18.49%
5083 Special Access	\$ 10	3.40%
Total Inter Access	\$ 87	30.15%
State Access Revenue		
5084 End User	\$ -	0.00%
5084 Switched Access	\$ -	0.00%
5084 Special Access	\$ -	0.00%
Total State Access	\$ -	0.00%
Total Access Revenue	\$ 87	30.15%
Long Distance Network Revenue		
5100 Interstate Message	\$ -	0.00%
5100 Intrastate Message	\$ -	0.00%
5100 Interstate Calling Plan	\$ -	0.00%
5100 Intrastate Calling Plan	\$ -	0.00%
Total LD Msg Revenue	\$ 38	13.08%
Unidirectional LD Revenue		
5110 Interstate	\$ -	0.00%
Intrastate	\$ -	0.00%
Total	\$ 1	0.48%
LD Private Network Revenue		
5120 Interstate	\$ -	0.00%
Intrastate	\$ -	0.00%
Total	\$ 3	1.08%
Other Long Distance Revenue		
5160 Interstate	\$ -	0.00%
Intrastate	\$ -	0.00%
Total	\$ 0	0.17%
Total Long Distance Network Rev		
Interstate	\$ -	0.00%
Intrastate	\$ -	0.00%
Total	\$ 43	14.81%

Basic Local Service		
5001 Basic Area	\$ 116	40.21%
5002 Optional Extended Area	\$ 4	1.23%
5003 Cellular Mobile	\$ 3	0.95%
5004 Other Mobile Svcs	\$ 0	0.08%
Total Basic Local Service	\$ 123	42.47%
Public Telephone Revenue		
5010 Local Public Msgs	\$ -	0.00%
Universal Public Phone	\$ -	0.00%
Public Exchange - IX Carrier	\$ -	0.00%
Credit Card Coinless	\$ -	0.00%
Public Exchange - CPE	\$ -	0.00%
Semi-Public Msgs	\$ -	0.00%
Other Public Phone Revenue	\$ -	0.00%
Total Public Phone Revenue	\$ 3	1.18%
Local Private Line Revenue		
5040 Interstate	\$ -	0.00%
Intrastate	\$ -	0.00%
Total Private Line	\$ 4	1.40%
Customer Premises Revenue		
5050 Station Apparatus	\$ -	0.00%
Customer Premises Wiring	\$ -	0.00%
Total Customer Premises	\$ 0	0.10%
Other Local Exchange Revenue		
5060 Central Office Features	\$ -	0.00%
Information Transport	\$ -	0.00%
Directory Assistance	\$ -	0.00%
Intercept Services	\$ -	0.00%
Other Loc Exchg	\$ -	0.00%
Total Other	\$ 29	9.89%
Total Local Network Service Revenue		
Interstate	\$ -	0.00%
Intrastate	\$ 159	55.04%
Total Revenue	\$ 289	100.00%

HAI Model Release 5.0a

Expense Module Release 5.0a

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Users making modifications to non-user adjustable inputs of
the HAI Model may not represent generated calculations as
those of the HAI Model.

Scenario Inputs

NOTE: This sheet displays all user adjustable inputs which vary from HM 5.0a default settings

Workfile Name: C:\Program Files\HM50\WORKFILES\HMWKMO4219291.XLS
Distribution Module Name: C:\Program Files\HM50\MODULES\R50a_distribution.xls
Feeder Module Name: C:\Program Files\HM50\MODULES\R50a_feeder.xls
Switching Module Name: C:\Program Files\HM50\MODULES\R50a_switching_io-Dt-HRInd-TransForm-Fiber-Sharing.xls
Expense Module Name: C:\Program Files\HM50\MODULES\R50a_expense_density.xls

Module/Table	Scenario Input	Scenario Value	Default Value
Switching	Use host - remote assignments	TRUE	FALSE

HAI Model Release 5.0a
User Adjustable Inputs

Distribution Input	Current Scenario Value	Default Scenario Value	Feeder Input	Current Scenario Value	Default Scenario Value
Distribution Cable Fill - 0	0.50	0.50	Copper Feeder Fill - 0	0.65	0.65
Distribution Cable Fill - 5	0.55	0.55	Copper Feeder Fill - 5	0.75	0.75
Distribution Cable Fill - 100	0.55	0.55	Copper Feeder Fill - 100	0.80	0.80
Distribution Cable Fill - 200	0.60	0.60	Copper Feeder Fill - 200	0.80	0.80
Distribution Cable Fill - 650	0.65	0.65	Copper Feeder Fill - 650	0.80	0.80
Distribution Cable Fill - 850	0.70	0.70	Copper Feeder Fill - 850	0.80	0.80
Distribution Cable Fill - 2550	0.75	0.75	Copper Feeder Fill - 2550	0.80	0.80
Distribution Cable Fill - 5000	0.75	0.75	Copper Feeder Fill - 5000	0.80	0.80
Distribution Cable Fill - 10000	0.75	0.75	Copper Feeder Fill - 10000	0.80	0.80
Buried Fraction - 0	0.95	0.95	Fiber Feeder Strand Fill - 0	1.00	1.00
Buried Fraction - 5	0.95	0.95	Fiber Feeder Strand Fill - 5	1.00	1.00
Buried Fraction - 100	0.95	0.95	Fiber Feeder Strand Fill - 100	1.00	1.00
Buried Fraction - 200	0.95	0.95	Fiber Feeder Strand Fill - 200	1.00	1.00
Buried Fraction - 650	0.95	0.95	Fiber Feeder Strand Fill - 650	1.00	1.00
Buried Fraction - 850	0.85	0.85	Fiber Feeder Strand Fill - 850	1.00	1.00
Buried Fraction - 2550	0.85	0.85	Fiber Feeder Strand Fill - 2550	1.00	1.00
Buried Fraction - 5000	0.86	0.86	Fiber Feeder Strand Fill - 5000	1.00	1.00
Buried Fraction - 10000	0.85	0.85	Fiber Feeder Strand Fill - 10000	1.00	1.00
Aerial Cable Fraction - 0	0.05	0.05	Copper Aerial Fraction - 0	0.05	0.05
Aerial Cable Fraction - 5	0.05	0.05	Copper Aerial Fraction - 5	0.05	0.05
Aerial Cable Fraction - 100	0.05	0.05	Copper Aerial Fraction - 100	0.05	0.05
Aerial Cable Fraction - 200	0.05	0.05	Copper Aerial Fraction - 200	0.05	0.05
Aerial Cable Fraction - 650	0.05	0.05	Copper Aerial Fraction - 650	0.05	0.05
Aerial Cable Fraction - 850	0.05	0.05	Copper Aerial Fraction - 850	0.05	0.05
Aerial Cable Fraction - 2550	0.05	0.05	Copper Aerial Fraction - 2550	0.05	0.05
Aerial Cable Fraction - 5000	0.05	0.05	Copper Aerial Fraction - 5000	0.05	0.05
Aerial Cable Fraction - 10000	0.05	0.05	Copper Aerial Fraction - 10000	0.05	0.05
Pole Spacing, feet - 0	250	250	Copper Buried Fraction - 0	0.95	0.95
Pole Spacing, feet - 5	250	250	Copper Buried Fraction - 5	0.95	0.95
Pole Spacing, feet - 100	200	200	Copper Buried Fraction - 100	0.95	0.95
Pole Spacing, feet - 200	200	200	Copper Buried Fraction - 200	0.95	0.95
Pole Spacing, feet - 650	175	175	Copper Buried Fraction - 650	0.95	0.95
Pole Spacing, feet - 850	175	175	Copper Buried Fraction - 850	0.85	0.85
Pole Spacing, feet - 2550	150	150	Copper Buried Fraction - 2550	0.01	0.01
Pole Spacing, feet - 5000	150	150	Copper Buried Fraction - 5000	0.85	0.85
Pole Spacing, feet - 10000	150	150	Copper Buried Fraction - 10000	0.85	0.85
Drop Distance, feet - 0	150	150	Copper Manhole Spacing, feet - 0	800	800
Drop Distance, feet - 5	150	150	Copper Manhole Spacing, feet - 5	800	800
Drop Distance, feet - 100	100	100	Copper Manhole Spacing, feet - 100	800	800
Drop Distance, feet - 200	100	100	Copper Manhole Spacing, feet - 200	800	800
Drop Distance, feet - 650	50	50	Copper Manhole Spacing, feet - 650	600	600
Drop Distance, feet - 850	50	50	Copper Manhole Spacing, feet - 850	600	600
Drop Distance, feet - 2550	50	50	Copper Manhole Spacing, feet - 2550	600	600
Drop Distance, feet - 5000	50	50	Copper Manhole Spacing, feet - 5000	400	400
Drop Distance, feet - 10000	50	50	Copper Manhole Spacing, feet - 10000	400	400
Aerial Drop Placement (total) - 0	23.33	23.33	Fiber Aerial Fraction - 0	0.05	0.05
Aerial Drop Placement (total) - 5	23.33	23.33	Fiber Aerial Fraction - 5	0.05	0.05
Aerial Drop Placement (total) - 100	17.50	17.50	Fiber Aerial Fraction - 100	0.05	0.05
Aerial Drop Placement (total) - 200	17.50	17.50	Fiber Aerial Fraction - 200	0.05	0.05
Aerial Drop Placement (total) - 650	11.67	11.67	Fiber Aerial Fraction - 650	0.05	0.05
Aerial Drop Placement (total) - 850	11.67	11.67	Fiber Aerial Fraction - 850	0.00	0.00
Aerial Drop Placement (total) - 2550	11.67	11.67	Fiber Aerial Fraction - 2550	0.05	0.05

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User Adjustable Inputs

Distribution Input	Current Scenario Value	Default Scenario Value	Feeder Input	Current Scenario Value	Default Scenario Value
Aerial Drop Placement (total) - 5000	11.67	11.67	Fiber Aerial Fraction - 5000	0.05	0.05
Aerial Drop Placement (total) - 10000	11.67	11.67	Fiber Aerial Fraction - 10000	0.05	0.05
Buried Drop Placement (total) - 0	0.60	0.60	Fiber Buried Fraction - 0	0.95	0.95
Buried Drop Placement (total) - 5	0.60	0.60	Fiber Buried Fraction - 5	0.95	0.95
Buried Drop Placement (total) - 100	0.60	0.60	Fiber Buried Fraction - 100	0.95	0.95
Buried Drop Placement (total) - 200	0.60	0.60	Fiber Buried Fraction - 200	0.95	0.95
Buried Drop Placement (total) - 650	0.60	0.60	Fiber Buried Fraction - 650	0.95	0.95
Buried Drop Placement (total) - 850	0.60	0.60	Fiber Buried Fraction - 850	0.01	0.01
Buried Drop Placement (total) - 2550	0.75	0.75	Fiber Buried Fraction - 2550	0.85	0.85
Buried Drop Placement (total) - 5000	1.50	1.50	Fiber Buried Fraction - 5000	0.85	0.85
Buried Drop Placement (total) - 10000	5.00	5.00	Fiber Buried Fraction - 10000	0.85	0.85
Buried Drop Sharing Fraction - 0	1.00	1.00	Fiber Pullbox Spacing, feet - 0	2,000.00	2,000.00
Buried Drop Sharing Fraction - 5	1.00	1.00	Fiber Pullbox Spacing, feet - 5	2,000.00	2,000.00
Buried Drop Sharing Fraction - 100	1.00	1.00	Fiber Pullbox Spacing, feet - 100	2,000.00	2,000.00
Buried Drop Sharing Fraction - 200	1.00	1.00	Fiber Pullbox Spacing, feet - 200	2,000.00	2,000.00
Buried Drop Sharing Fraction - 650	1.00	1.00	Fiber Pullbox Spacing, feet - 650	2,000.00	2,000.00
Buried Drop Sharing Fraction - 850	1.00	1.00	Fiber Pullbox Spacing, feet - 850	2,000.00	2,000.00
Buried Drop Sharing Fraction - 2550	1.00	1.00	Fiber Pullbox Spacing, feet - 2550	2,000.00	2,000.00
Buried Drop Sharing Fraction - 5000	1.00	1.00	Fiber Pullbox Spacing, feet - 5000	2,000.00	2,000.00
Buried Drop Sharing Fraction - 10000	1.00	1.00	Fiber Pullbox Spacing, feet - 10000	2,000.00	2,000.00
Buried Drop Fraction - 0	0.95	0.95	Fiber Feeder Investment per foot - 216	13.10	13.10
Buried Drop Fraction - 5	0.95	0.95	Fiber Feeder Investment per foot - 144	9.50	9.50
Buried Drop Fraction - 100	0.95	0.95	Fiber Feeder Investment per foot - 96	7.10	7.10
Buried Drop Fraction - 200	0.95	0.95	Fiber Feeder Investment per foot - 72	5.90	5.90
Buried Drop Fraction - 650	0.95	0.95	Fiber Feeder Investment per foot - 60	5.30	5.30
Buried Drop Fraction - 850	0.95	0.95	Fiber Feeder Investment per foot - 48	4.70	4.70
Buried Drop Fraction - 2550	0.95	0.95	Fiber Feeder Investment per foot - 36	4.10	4.10
Buried Drop Fraction - 5000	0.95	0.95	Fiber Feeder Investment per foot - 24	3.50	3.50
Buried Drop Fraction - 10000	0.95	0.95	Fiber Feeder Investment per foot - 18	3.20	3.20
Pole Investment	201.00	201.00	Fiber Feeder Investment per foot - 12	2.90	2.90
Pole Labor	216.00	216.00	Copper Feeder Investment per foot - 4200	29.00	29.00
Buried Cable Jacketing Multiplier	1.04	1.04	Copper Feeder Investment per foot - 3600	26.00	26.00
Conduit Investment per foot	0.60	0.60	Copper Feeder Investment per foot - 3000	23.00	23.00
Spare Tubes per route	1.00	1.00	Copper Feeder Investment per foot - 2400	20.00	20.00
Regional Labor Adjustment Factor (see Labor Inputs)	1.00	1.00	Copper Feeder Investment per foot - 1800	16.00	16.00
Residential NID case, no protector	10.00	10.00	Copper Feeder Investment per foot - 1200	12.00	12.00
Residential NID basic labor	15.00	15.00	Copper Feeder Investment per foot - 900	10.00	10.00
spare	-	-	Copper Feeder Investment per foot - 600	7.75	7.75
Residential Protection Block, per pair	4.00	4.00	Copper Feeder Investment per foot - 400	6.00	6.00
Business NID case, no protector	25.00	25.00	Copper Feeder Investment per foot - 200	4.25	4.25
Business NID basic labor	15.00	15.00	Copper Feeder Investment per foot - 100	2.50	2.50
Business Protection Block, per pair	4.00	4.00	Buried Copper Cable Sheath Multiplier	1.04	1.04
Average Lines per business location	4.00	4.00	Buried Fiber Sheath Addition per foot	0.20	0.20
Terminal and Splice per line, buried	42.50	42.50	Pole Materials	201.00	201.00
Terminal and Splice per line, aerial	32.00	32.00	Pole Labor	216.00	216.00
Drop cable investment per foot buried	0.14	0.14	Conduit Material Investment per foot	0.60	0.60
Drop cable buried pairs	3.00	3.00	Inner Duct Investment per foot	0.30	0.30
Drop cable investment per foot aerial	0.095	0.095	Spare Tubes per section	1.00	1.00
Drop cable aerial pairs	2.00	2.00	Regional Labor Adjustment Factor (see Labor	1.00	1.00
DS-0 fraction	1.00	1.00	Pole Spacing, feet - 0	250.00	250.00
DS-1 fraction	-	-	Pole Spacing, feet - 5	250.00	250.00
DS-0 pair equivalent	1.00	1.00	Pole Spacing, feet - 100	200.00	200.00

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User Adjustable Inputs

Distribution Input	Current Scenario Value	Default Scenario Value	Feeder Input	Current Scenario Value	Default Scenario Value
DS-1 pair equivalent	2.00	2.00	Pole Spacing, feet - 200	200.00	200.00
DS-3 pair equivalent	56.00	56.00	Pole Spacing, feet - 650	175.00	175.00
Indoor NID case	5.00	5.00	Pole Spacing, feet - 850	175.00	175.00
Buried fraction available for shift - 0	-	-	Pole Spacing, feet - 2550	150.00	150.00
Buried fraction available for shift - 5	-	-	Pole Spacing, feet - 5000	150.00	150.00
Buried fraction available for shift - 100	-	-	Pole Spacing, feet - 10000	150.00	150.00
Buried fraction available for shift - 200	-	-	Buried fraction available for shift - 0	-	-
Buried fraction available for shift - 650	-	-	Buried fraction available for shift - 5	-	-
Buried fraction available for shift - 850	-	-	Buried fraction available for shift - 100	-	-
Buried fraction available for shift - 2550	-	-	Buried fraction available for shift - 200	-	-
Buried fraction available for shift - 5000	-	-	Buried fraction available for shift - 650	-	-
Buried fraction available for shift - 10000	-	-	Buried fraction available for shift - 850	-	-
Wireless Investment Cap Enabled	FALSE	FALSE	Buried fraction available for shift - 2550	-	-
Wireless Point to Point Inv cap - distribution, per line	7,500.00	7,500.00	Buried fraction available for shift - 5000	-	-
Wireless Common inv, broadcast	112,500.00	112,500.00	Buried fraction available for shift - 10000	-	-
Wireless per line inv, broadcast	500.00	500.00	Fiber investment/strand - foot	0.1000	0.10
Maximum broadcast lines for common inv	30.00	30.00	Copper investment/pair - foot	0.0075	0.01
High Density DLC Site and Power	3,000.00	3,000.00	Copper Manhole Materials - 0	1865	1,865.00
High Density DLC Maximum Lines/Increment	672.00	672.00	Copper Manhole Materials - 5	1865	1,865.00
High Density DLC RT Fill Factor	0.90	0.90	Copper Manhole Materials - 100	1865	1,865.00
High Density DLC Basic Common Eqpt Invest + initial lines	66,000.00	66,000.00	Copper Manhole Materials - 200	1865	1,865.00
High Density DLC POTS Channel Unit Investment	310.00	310.00	Copper Manhole Materials - 650	1865	1,865.00
High Density DLC POTS Lines per CU	4.00	4.00	Copper Manhole Materials - 850	1865	1,865.00
High Density DLC Coin Channel Unit Investment	250.00	250.00	Copper Manhole Materials - 2550	1865	1,865.00
High Density DLC Coin Lines per CU	2.00	2.00	Copper Manhole Materials - 5000	1865	1,865.00
High Density DLC 303/LD crossover, lines	480.00	480.00	Copper Manhole Materials - 10000	1865	1,865.00
High Density DLC Fibers per RT	4.00	4.00	Copper Manhole Frame and Cover - 0	350.00	350.00
High Density DLC Optical Patch Panel	1,000.00	1,000.00	Copper Manhole Frame and Cover - 5	350.00	350.00
High Density DLC Copper Feeder Max Distance, ft	9,000.00	9,000.00	Copper Manhole Frame and Cover - 100	350.00	350.00
High Density DLC Common Eqpt Invest per additional 672 lines	18,500.00	18,500.00	Copper Manhole Frame and Cover - 200	350.00	350.00
High Density DLC Maximum Number of additional line modules/R	2.00	2.00	Copper Manhole Frame and Cover - 650	350.00	350.00
Low Density DLC Site and Power	1,300	1,300	Copper Manhole Frame and Cover - 850	350.00	350.00
Low Density DLC Maximum Lines/Increment	120.00	120.00	Copper Manhole Frame and Cover - 2550	350.00	350.00
Low Density DLC RT Fill Factor	0.90	0.90	Copper Manhole Frame and Cover - 5000	350.00	350.00
Low Density DLC Basic Common Eqpt Invest + initial lines	16,000.00	16,000.00	Copper Manhole Frame and Cover - 10000	350.00	350.00
Low Density DLC POTS Channel Unit Investment	600.00	600.00	Copper Manhole Site Delivery - 0	125.00	125.00
Low Density DLC POTS Lines per CU	6.00	6.00	Copper Manhole Site Delivery - 5	125.00	125.00
Low Density DLC Coin Channel Unit Investment	600.00	600.00	Copper Manhole Site Delivery - 100	125.00	125.00
Low Density DLC Coin Lines per CU	6.00	6.00	Copper Manhole Site Delivery - 200	125.00	125.00
Low Density DLC Fibers per RT	4.00	4.00	Copper Manhole Site Delivery - 650	125.00	125.00
Low Density DLC Optical Patch Panel	1,000.00	1,000.00	Copper Manhole Site Delivery - 850	125.00	125.00
Low Density DLC Common Eqpt Invest per additional 96 lines	9,400.00	9,400.00	Copper Manhole Site Delivery - 2550	125.00	125.00
Low Density DLC Maximum Number of additional line modules/R	1.00	1.00	Copper Manhole Site Delivery - 5000	125.00	125.00
Distribution Cable Size 1	2,400.00	2,400.00	Copper Manhole Site Delivery - 10000	125.00	125.00
Distribution Cable Size 2	1,800.00	1,800.00	Copper Manhole Excavate and Backfill - 0	2,800	2,800
Distribution Cable Size 3	1,200.00	1,200.00	Copper Manhole Excavate and Backfill - 5	2,800	2,800
Distribution Cable Size 4	900.00	900.00	Copper Manhole Excavate and Backfill - 100	2,800	2,800
Distribution Cable Size 5	600.00	600.00	Copper Manhole Excavate and Backfill - 200	2,800	2,800
Distribution Cable Size 6	400.00	400.00	Copper Manhole Excavate and Backfill - 650	3,200	3,200
Distribution Cable Size 7	200.00	200.00	Copper Manhole Excavate and Backfill - 850	3,500	3,500
Distribution Cable Size 8	100.00	100.00	Copper Manhole Excavate and Backfill - 2550	3,500	3,500
Distribution Cable Size 9	50.00	50.00	Copper Manhole Excavate and Backfill - 5000	5,000	5,000

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User Adjustable Inputs

Distribution Input	Current Scenario Value	Default Scenario Value	Feeder Input	Current Scenario Value	Default Scenario Value
Distribution Cable Size 10	25.00	25.00	Copper Manhole Excavate and Backfill - 1000	5,000	5,000
Distribution Cable Size 11	12.00	12.00	Fiber Pullbox Materials - 0	280.00	280.00
Distribution Cable Size 12	6.00	6.00	Fiber Pullbox Materials - 5	280.00	280.00
Distribution Cable Investment per foot 1	20.00	20.00	Fiber Pullbox Materials - 100	280.00	280.00
Distribution Cable Investment per foot 2	16.00	16.00	Fiber Pullbox Materials - 200	280.00	280.00
Distribution Cable Investment per foot 3	12.00	12.00	Fiber Pullbox Materials - 650	280.00	280.00
Distribution Cable Investment per foot 4	10.00	10.00	Fiber Pullbox Materials - 850	280.00	280.00
Distribution Cable Investment per foot 5	7.75	7.75	Fiber Pullbox Materials - 2550	280.00	280.00
Distribution Cable Investment per foot 6	6.00	6.00	Fiber Pullbox Materials - 5000	280.00	280.00
Distribution Cable Investment per foot 7	4.25	4.25	Fiber Pullbox Materials - 10000	280.00	280.00
Distribution Cable Investment per foot 8	2.50	2.50	Fiber Pullbox Installation - 0	220.00	220.00
Distribution Cable Investment per foot 9	1.63	1.63	Fiber Pullbox Installation - 5	220.00	220.00
Distribution Cable Investment per foot 10	1.19	1.19	Fiber Pullbox Installation - 100	220.00	220.00
Distribution Cable Investment per foot 11	0.76	0.76	Fiber Pullbox Installation - 200	220.00	220.00
Distribution Cable Investment per foot 12	0.63	0.63	Fiber Pullbox Installation - 650	220.00	220.00
Distribution Riser Cable Size 1	2,400.00	2,400.00	Fiber Pullbox Installation - 850	220.00	220.00
Distribution Riser Cable Size 2	1,800.00	1,800.00	Fiber Pullbox Installation - 2550	220.00	220.00
Distribution Riser Cable Size 3	1,200.00	1,200.00	Fiber Pullbox Installation - 5000	220.00	220.00
Distribution Riser Cable Size 4	900.00	900.00	Fiber Pullbox Installation - 10000	220.00	220.00
Distribution Riser Cable Size 5	600.00	600.00	Dewatering factor manhole excavation (additi	0.20	0.20
Distribution Riser Cable Size 6	400.00	400.00	Water table depth for dewatering, ft	5.00	5.00
Distribution Riser Cable Size 7	200.00	200.00			
Distribution Riser Cable Size 8	100.00	100.00			
Distribution Riser Cable Size 9	50.00	50.00			
Distribution Riser Cable Size 10	25.00	25.00			
Distribution Riser Cable Size 11	12.00	12.00			
Distribution Riser Cable Size 12	6.00	6.00			
Distribution Riser Cable Investment per foot 1	25.00	25.00			
Distribution Riser Cable Investment per foot 2	20.00	20.00			
Distribution Riser Cable Investment per foot 3	15.00	15.00			
Distribution Riser Cable Investment per foot 4	12.50	12.50			
Distribution Riser Cable Investment per foot 5	10.00	10.00			
Distribution Riser Cable Investment per foot 6	7.50	7.50			
Distribution Riser Cable Investment per foot 7	5.30	5.30			
Distribution Riser Cable Investment per foot 8	3.15	3.15			
Distribution Riser Cable Investment per foot 9	2.05	2.05			
Distribution Riser Cable Investment per foot 10	1.50	1.50			
Distribution Riser Cable Investment per foot 11	0.95	0.95			
Distribution Riser Cable Investment per foot 12	0.80	0.80			
Distance Multiplier for difficult terrain	1.00	1.00			
Rock Depth Threshold, inches	24.00	24.00			
Hard Rock Placement Multiplier	3.50	3.50			
Soft Rock Placement Multiplier	2.00	2.00			
Sidewalk/Street Fraction	0.20	0.20			
Local RT - Maximum Total Distance	18,000.00	18,000.00			
SAI Cable Size 1	7,200.00	7,200.00			
SAI Cable Size 2	5,400.00	5,400.00			
SAI Cable Size 3	3,600.00	3,600.00			
SAI Cable Size 4	2,400.00	2,400.00			
SAI Cable Size 5	1,800	1,800			
SAI Cable Size 6	1,200	1,200			
SAI Cable Size 7	900	900			

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User Adjustable Inputs

Distribution Input	Current Scenario Value	Default Scenario Value	Feeder Input	Current Scenario Value	Default Scenario Value
SAI Cable Size 8	600	600			
SAI Cable Size 9	400	400			
SAI Cable Size 10	200	200			
SAI Cable Size 11	100	100			
SAI Cable Size 12	50	50			
SAI Indoor Investment 1	9,656	9,656			
SAI Indoor Investment 2	7,392	7,392			
SAI Indoor Investment 3	4,928	4,928			
SAI Indoor Investment 4	3,352	3,352			
SAI Indoor Investment 5	2,464.00	2,464.00			
SAI Indoor Investment 6	1,776.00	1,776.00			
SAI Indoor Investment 7	1,232.00	1,232.00			
SAI Indoor Investment 8	888.00	888.00			
SAI Indoor Investment 9	592.00	592.00			
SAI Indoor Investment 10	296.00	296.00			
SAI Indoor Investment 11	148.00	148.00			
SAI Indoor Investment 12	98.00	98.00			
SAI Outdoor Investment 1	10,000.00	10,000.00			
SAI Outdoor Investment 2	8,200.00	8,200.00			
SAI Outdoor Investment 3	6,000.00	6,000.00			
SAI Outdoor Investment 4	4,300.00	4,300.00			
SAI Outdoor Investment 5	3,400.00	3,400.00			
SAI Outdoor Investment 6	2,400.00	2,400.00			
SAI Outdoor Investment 7	1,900.00	1,900.00			
SAI Outdoor Investment 8	1,400.00	1,400.00			
SAI Outdoor Investment 9	1,000.00	1,000.00			
SAI Outdoor Investment 10	600.00	600.00			
SAI Outdoor Investment 11	350.00	350.00			
SAI Outdoor Investment 12	250.00	250.00			
Repeater Investment, installed	527.00	527.00			
Integrated COT, installed	420.00	420.00			
Remote Multiplexer Common Equip Inv, installed	8,200.00	8,200.00			
Channel Unit Investment, per subscriber	125.00	125.00			
COT investment per RT, installed	1,170.00	1,170.00			
Remote Terminal fill factor	0.90	0.90			
Maximum T1s per cable	8.00	8.00			
T1 repeater spacing, dB	32.00	32.00			
Aerial T1 attenuation, dB/kft	6.30	6.30			
Buried T1 attenuation, dB/kft	5.00	5.00			
Feeder steering enable	FALSE	FALSE			
Main feeder route/air multiplier	1	1			
Rectangular cluster switch	FALSE	FALSE			

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User Adjustable Inputs

Switching Input	Current Scenario Value	Default Scenario Value	Expense Input	Current Scenario Value	Default Scenario Value
Constant EO Switching Investment Term, small ICO	520.14	520.14	Cost of Debt	0.088	0.088
Constant EO Switching Investment Term, BOC and large ICO	242.73	242.73	Debt Fraction	0.442	0.442
Switch Capacity Real-Time (BHCA) - 1	10,000	10,000	Cost of Equity	0.132	0.132
Switch Capacity Real-Time (BHCA) - 2	50,000	50,000	Average Trunk Utilization	0.300	0.300
Switch Capacity Real-Time (BHCA) - 3	200,000	200,000	Tax Rate	0.393	0.393
Switch Capacity Real-Time (BHCA) - 4	600,000	600,000	Corporate Overhead Factor	0.104	0.104
Switch Capacity Traffic (BHCCS) - 1	30,000	30,000	Other Taxes Factor	0.050	0.050
Switch Capacity Traffic (BHCCS) - 2	150,000	150,000	Billing/Bill Inquiry per line per month	2.300	2.300
Switch Capacity Traffic (BHCCS) - 3	600,000	600,000	Directory Listing per line per month	-	-
Switch Capacity Traffic (BHCCS) - 4	1,800,000	1,800,000	Forward-looking Network Operations Factor	1.000	1.000
Initial Switch Maximum Equipped Line Size	80,000	80,000	Alternative CO Switching Factor	0.048	0.048
Switch Port Administrative Fill	0.94	0.94	Alternative Circuit Equipment Factor	0.015	0.015
Switch Maximim Processor Occupancy	0.90	0.90	EO Traffic Sensitive Fraction	0.700	0.700
Processor Feature Loading Multiplier - normal	1.20	1.20	Monthly LNP cost, per line	0.250	0.250
Processor Feature Loading Multiplier - heavy business	2.00	2.00	Carrier to Carrier Customer Service, per line per ye	1.69	1.69
Processor Feature Loading Multiplier - business penetration threshold	0.30	0.30	NID Expense per line per year	1.00	1.00
MDF/Protector Investment per line	-	-	DS-0/DS-1 Terminal Factor	12.4	12.4
Analog Line Circuit Offset for DLC lines, per line	-	-	DS-1/DS-3 Terminal Factor	9.9	9.9
Switch Installation Multiplier	1.00	1.00	Average Lines per Business Location	4	4
Operator Traffic Fraction	0.02	0.02	Distribution Aerial Shring Fraction - 0	1.00	1.00
Total Interoffice Traffic Fraction	0.40	0.40	Distribution Aerial Shring Fraction - 5	1.00	1.00
Maximum Trunk Occupancy, CCS	27.50	27.50	Distribution Aerial Shring Fraction - 100	1.00	1.00
Trunk Port, per end	100.00	100.00	Distribution Aerial Shring Fraction - 200	0.50	0.50
Entrance Facility Distance, miles	0.50	0.50	Distribution Aerial Shring Fraction - 650	0.50	0.50
Direct-routed Fraction of Local Interoffice	0.98	0.98	Distribution Aerial Shring Fraction - 850	0.50	0.50
POPs per Tandem Location	5.00	5.00	Distribution Aerial Shring Fraction - 2550	0.50	0.50
Tandem-routed Fraction of Total IntraLATA Traffic	1.00	1.00	Distribution Aerial Shring Fraction - 5000	0.50	0.50
Tandem-routed Fraction of Total InterLATA Traffic	1.00	1.00	Distribution Aerial Shring Fraction - 10000	0.50	0.50
Local Call Attempts	1,451	1,451	Distribution Buried Shring Fraction - 0	1.00	1.00
Call Completion Factor	0.70	0.70	Distribution Buried Shring Fraction - 5	1.00	1.00
IntraLATA Calls Completed	86	86	Distribution Buried Shring Fraction - 100	1.00	1.00
InterLATA intrastate Calls Completed	87	87	Distribution Buried Shring Fraction - 200	1.00	1.00
InterLATA interstate Calls Completed	185	185	Distribution Buried Shring Fraction - 650	1.00	1.00
Local DEMs, thousands	6,405	6,405	Distribution Buried Shring Fraction - 850	1.00	1.00
Intrastate DEMs, thousands	1,367	1,367	Distribution Buried Shring Fraction - 2550	1.00	1.00
Interstate DEMs, thousands	1,350	1,350	Distribution Buried Shring Fraction - 5000	1.00	1.00
Local Business/Residence DEMs	1.10	1.10	Distribution Buried Shring Fraction - 10000	1.00	1.00
Intrastate Business/Residence DEMs	2.00	2.00	Distribution Underground Shring Fraction - 0	1.00	1.00
Interstate Business/Residence DEMs	3.00	3.00	Distribution Underground Shring Fraction - 5	1.00	1.00
BH Fraction of Daily Usage	0.10	0.10	Distribution Underground Shring Fraction - 100	1.00	1.00
Annual to Daily Usage Reduction Factor	270.00	270.00	Distribution Underground Shring Fraction - 200	1.00	1.00
Residential Holding Time Multiplier	1.00	1.00	Distribution Underground Shring Fraction - 650	1.00	1.00
Business Holding Time Multiplier	1.00	1.00	Distribution Underground Shring Fraction - 850	1.00	1.00
Residential Call Attempts per BH	1.30	1.30	Distribution Underground Shring Fraction - 2550	1.00	1.00
Business Call Attempts per BH	3.50	3.50	Distribution Underground Shring Fraction - 5000	1.00	1.00
ICO STP Investment, per line (equipment)	5.50	5.50	Distribution Underground Shring Fraction - 10000	1.00	1.00
ICO Local Tandem Investment, per line	1.90	1.90	Feeder Aerial Shring Fraction - 0	1.00	1.00
ICO OS Tandem Investment, per line	0.80	0.80	Feeder Aerial Shring Fraction - 5	1.00	1.00
ICO SCP Investment per line (equipment)	2.50	2.50	Feeder Aerial Shring Fraction - 100	1.00	1.00
ICO SCP - STP per line (wirecenter)	0.40	0.40	Feeder Aerial Shring Fraction - 200	0.50	0.50
ICO Local Tandem Investment, per line (wirecenter)	2.50	2.50	Feeder Aerial Shring Fraction - 650	0.50	0.50
ICO OS Tandem Investment, per line (wirecenter)	1.00	1.00	Feeder Aerial Shring Fraction - 850	0.50	0.50

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User Adjustable Inputs

Switching Input	Current Scenario Value	Default Scenario Value	Expense Input	Current Scenario Value	Default Scenario Value
ICO Tandem A Links and C Links per line (wirecenter)	0.30	0.30	Feeder Aerial Shring Fraction - 2550	0.50	0.50
Real-time Limit, BHCA	750,000	750,000	Feeder Aerial Shring Fraction - 5000	0.50	0.50
Port Limit, trunks	100,000	100,000	Feeder Aerial Shring Fraction - 10000	0.50	0.50
Common Equipment Investment	1,000,000	1,000,000	Feeder Underground Shring Fraction - 0	1.00	1.00
Maximum Port Fill	0.90	0.90	Feeder Underground Shring Fraction - 5	1.00	1.00
Maximum Real-time Occupancy	0.90	0.90	Feeder Underground Shring Fraction - 100	1.00	1.00
Common Equipment Intercept Factor	0.50	0.50	Feeder Underground Shring Fraction - 200	1.00	1.00
STP Link Capacity	720	720	Feeder Underground Shring Fraction - 650	1.00	1.00
STP Maximum Link Fill	0.80	0.80	Feeder Underground Shring Fraction - 850	1.00	1.00
Maximum STP Investment, per pair	5,000,000	5,000,000	Feeder Underground Shring Fraction - 2550	1.00	1.00
Minimum STP Investment, per pair	1,000,000	1,000,000	Feeder Underground Shring Fraction - 5000	1.00	1.00
Link Termination, both ends	900	900	Feeder Underground Shring Fraction - 10000	1.00	1.00
Signaling Link Bit Rate	56,000	56,000	Feeder Buried Shring Fraction - 0	1.00	1.00
Link Occupancy	0.40	0.40	Feeder Buried Shring Fraction - 5	1.00	1.00
C Link Cross Section	24.00	24.00	Feeder Buried Shring Fraction - 100	1.00	1.00
ISUP Messages per Interoffice BHCA	6.00	6.00	Feeder Buried Shring Fraction - 200	1.00	1.00
ISUP Message Length, bytes	25.00	25.00	Feeder Buried Shring Fraction - 650	1.00	1.00
TCAP Messages per transaction	2.00	2.00	Feeder Buried Shring Fraction - 850	1.00	1.00
TCAP Message length, bytes	100.00	100.00	Feeder Buried Shring Fraction - 2550	1.00	1.00
Fraction of BHCA requiring TCAP	0.10	0.10	Feeder Buried Shring Fraction - 5000	1.00	1.00
SCP Investment/Transaction/Second	20,000	20,000	Feeder Buried Shring Fraction - 10000	1.00	1.00
Operator Investment per position	6,400	6,400	Motor Vehicles - Economic Life	9.28	9.28
Operator Maximum Utilization, per position, CCS	32	32	Garage Work Equipment - Economic Life	11.04	11.04
Operator Intervention Factor	10	10	Other Work Equipment - Economic Life	13.47	13.47
Public Telephone Investment, per station	760	760	Buildings - Economic Life	47.82	47.82
Lot Size, Multiplier of Switch Room Size	2	2	Furniture - Economic Life	17.10	17.10
Tandem/EO Wire Center Common Factor	0.40	0.40	Office Support Equipment - Economic Life	11.58	11.58
Power Investment 1	-	-	Company Comm. Equipment - Economic Life	7.69	7.69
Power Investment 2	-	-	General Purpose Computer - Economic Life	6.36	6.36
Power Investment 3	-	-	Digital Electronic Switching - Economic Life	16.66	16.66
Power Investment 4	-	-	Operator Systems - Economic Life	9.33	9.33
Power Investment 5	-	-	Digital Circuit Equipment - Economic Life	10.07	10.07
Switch Room Size, sq ft 1	500	500	Public Telephone Terminal Equipment - Economic	8.26	8.26
Switch Room Size, sq ft 2	1,000	1,000	Poles - Economic Life	15.92	15.92
Switch Room Size, sq ft 3	2,000	2,000	Aerial Cable - metallic - Economic Life	16.75	16.75
Switch Room Size, sq ft 4	5,000	5,000	Aerial Cable - non metallic - Economic Life	22.24	22.24
Switch Room Size, sq ft 5	10,000	10,000	Underground Cable - metallic - Economic Life	21.14	21.14
Construction Investment, sq ft 1	75.00	75.00	Underground Cable - non metallic - Economic Life	23.08	23.08
Construction Investment, sq ft 2	85.00	85.00	Buried - metallic - Economic Life	19.90	19.90
Construction Investment, sq ft 3	100.00	100.00	Buried - non metallic - Economic Life	23.86	23.86
Construction Investment, sq ft 4	125.00	125.00	Intrabuilding Cable - metallic - Economic Life	15.71	15.71
Construction Investment, sq ft 5	150.00	150.00	Intrabuilding Cable - non metallic - Economic Life	23.62	23.62
Land Investment, sq ft 1	5	5	Conduit Systems - Economic Life	50.92	50.92
Land Investment, sq ft 2	8	8	Motor Vehicles - Net Salvage %	0.1121	0.1121
Land Investment, sq ft 3	10	10	Garage Work Equipment - Net Salvage %	-0.1071	-0.1071
Land Investment, sq ft 4	15	15	Other Work Equipment - Net Salvage %	0.0321	0.0321
Land Investment, sq ft 5	20	20	Buildings - Net Salvage %	0.0187	0.0187
OC-48 ADM, installed, 48 DS-3s	50,000	50,000	Furniture - Net Salvage %	0.0688	0.0688
OC-48 ADM, installed, 12 DS-3s	40,000	40,000	Office Support Equipment - Net Salvage %	0.0691	0.0691
OC-3/DS-1 Terminal Multiplexer, installed, 84 DS-1s	26,000	26,000	Company Comm. Equipment - Net Salvage %	0.0376	0.0376
Investment per 7 DS-1s	500	500	General Purpose Computer - Net Salvage %	0.0373	0.0373
Number of Fibers	24	24	Digital Electronic Switching - Net Salvage %	0.0297	0.0297

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User Adjustable Inputs

Switching Input	Current Scenario Value	Default Scenario Value	Expense Input	Current Scenario Value	Default Scenario Value
Pigtrails, per strand	60	60	Operator Systems - Net Salvage %	-0.0082	-0.0082
Optical Distribution Panel	1,000	1,000	Digital Circuit Equipment - Net Salvage %	-0.0169	-0.0169
EF&I, per hour	55	55	Public Telephone Terminal Equipment - Net Salvage %	0.0797	0.0797
EF&I hours	32	32	Poles - Net Salvage %	-0.8998	-0.8998
Regional Labor Adjustment Factor (see Labor Inputs)	1	1	Aerial Cable - metallic - Net Salvage %	-0.2303	-0.2303
Channel Bank Investment, per 24 lines	5,000	5,000	Aerial Cable - non metallic - Net Salvage %	-0.1753	-0.1753
Fraction of SA Lines Requiring Multiplexing	-	-	Underground Cable - metallic - Net Salvage %	-0.1826	-0.1826
Regenerator, installed	15,000	15,000	Underground Cable - non metallic - Net Salvage %	-0.1458	-0.1458
Regenerator spacing, miles	40	40	Buried - metallic - Net Salvage %	-0.0839	-0.0839
DCS installed, per DS-3	30,000	30,000	Buried - non metallic - Net Salvage %	-0.0858	-0.0858
Transmission Terminal Fill (DS-0 level)	0.90	0.90	Intrabuilding Cable - metallic - Net Salvage %	-0.1574	-0.1574
Fiber Investment, fiber cable	3.50	3.50	Intrabuilding Cable - non metallic - Net Salvage %	-0.1052	-0.1052
Fiber, number of strands per ADM	4.00	4.00	Conduit Systems - Net Salvage %	-0.1034	-0.1034
Fiber Investment, buried fraction	0.95	0.95	Furniture - Capital Costs - % assigned per line	0.0000	0.0000
Fiber Investment, buried placement	1.77	1.77	Furniture - Expenses - % assigned per line	0.0000	0.0000
Fiber Investment, buried sheath addition	0.20	0.20	Office Equipment - Capital Costs - % assigned per line	0.0000	0.0000
Fiber Investment, conduit	0.60	0.60	Office Equipment - Expenses - % assigned per line	0.0000	0.0000
Fiber, spare tubes per route	1.00	1.00	General Purpose Computer - Capital Costs - % assigned per line	0.0000	0.0000
Fiber Investment, conduit placement	16.40	16.40	General Purpose Computer - Expenses - % assigned per line	0.0000	0.0000
Fiber, pullbox spacing	2,000.00	2,000.00	Motor Vehicles - Capital Costs - % assigned per line	0.0000	0.0000
Fiber Investment, pullbox investment	500.00	500.00	Motor Vehicles - Expenses - % assigned per line	0.0000	0.0000
Fiber, aerial fraction	0.05	0.05	Buildings - Capital Costs - % assigned per line	0.0000	0.0000
Fiber, pole spacing, feet	150.00	150.00	Buildings - Expenses - % assigned per line	0.0000	0.0000
Fiber Investment, pole material	201.00	201.00	Garage Work Eqpt. - Capital Costs - % assigned per line	0.0000	0.0000
Fiber Investment, pole labor (basic)	216.00	216.00	Garage Work Eqpt. - Expenses - % assigned per line	0.0000	0.0000
Fraction Poles and Buried/Underground Placement Common with Feed	0.75	0.75	Other Work Eqpt. - Capital Costs - % assigned per line	0.0000	0.0000
Fraction of Aerial Structure Assigned to Telephone	0.50	0.50	Other Work Eqpt. - Expenses - % assigned per line	0.0000	0.0000
Fraction of Buried Structure Assigned to Telephone	1.00	1.00	Network Operations - % assigned per line	0.0000	0.0000
Fraction of Underground Structure Assigned to Telephone	1.00	1.00	Other Taxes - % assigned per line	0.0000	0.0000
Multiplicative EO Switching Investment Term	-14.922	(14.92)	Variable Overhead - % assigned per line	0.0000	0.0000
Threshold value for off-ring wire centers, total lines	1	1.00			
Remote-host fraction of interoffice traffic -- remote	0.1	0.10			
Host-remote fraction of interoffice traffic -- host	0.05	0.05			
Maximum nodes per ring	16	16.00			
Use host - remote assignments	TRUE	FALSE			
Ring transiting traffic factor	0.4	0.40			
Intertandem fraction of tandem trunks (additive)	0.1	0.10			
Equivalent facility investment, per DS-0	138.08	138.08			
Equivalent terminal investment, per DS-0	111.62	111.62			
Switch line size - 1	0	-			
Switch line size - 2	640	640.00			
Switch line size - 3	5000	5,000.00			
Switch line size - 4	10000	10,000.00			
BOC standalone fixed inv - 1	428296	428,296.00			
BOC standalone fixed inv - 2	428296	428,296.00			
BOC standalone fixed inv - 3	428296	428,296.00			
BOC standalone fixed inv - 4	428296	428,296.00			
BOC host fixed inv - 1	428296	428,296.00			
BOC host fixed inv - 2	468700	468,700.00			
BOC host fixed inv - 3	468700	468,700.00			
BOC host fixed inv - 4	468700	468,700.00			
BOC remote fixed inv - 1	142384	142,384.00			

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User Adjustable Inputs

Switching Input	Current Scenario Value	Default Scenario Value	Expense Input	Current Scenario Value	Default Scenario Value
BOC remote fixed inv - 2	142384	142,384.00			
BOC remote fixed inv - 3	142384	142,384.00			
BOC remote fixed inv - 4	142384	142,384.00			
BOC standalone per line inv - 1	76.56	76.56			
BOC standalone per line inv - 2	76.56	76.56			
BOC standalone per line inv - 3	76.56	76.56			
BOC standalone per line inv - 4	76.56	76.56			
BOC host per line inv - 1	76.56	76.56			
BOC host per line inv - 2	76.56	76.56			
BOC host per line inv - 3	76.56	76.56			
BOC host per line inv - 4	76.56	76.56			
BOC remote per line inv - 1	76.56	76.56			
BOC remote per line inv - 2	76.56	76.56			
BOC remote per line inv - 3	76.56	76.56			
BOC remote per line inv - 4	76.56	76.56			
ICO standalone fixed inv - 1	428296	428,296.00			
ICO standalone fixed inv - 2	468700	468,700.00			
ICO standalone fixed inv - 3	428296	428,296.00			
ICO standalone fixed inv - 4	428296	428,296.00			
ICO host fixed inv - 1	468700	468,700.00			
ICO host fixed inv - 2	468700	468,700.00			
ICO host fixed inv - 3	468700	468,700.00			
ICO host fixed inv - 4	468700	468,700.00			
ICO remote fixed inv - 1	142384	142,384.00			
ICO remote fixed inv - 2	142384	142,384.00			
ICO remote fixed inv - 3	142384	142,384.00			
ICO remote fixed inv - 4	142384	142,384.00			
ICO standalone per line inv - 1	76.56	76.56			
ICO standalone per line inv - 2	76.56	76.56			
ICO standalone per line inv - 3	76.56	76.56			
ICO standalone per line inv - 4	76.56	76.56			
ICO host per line inv - 1	76.56	76.56			
ICO host per line inv - 2	76.56	76.56			
ICO host per line inv - 3	76.56	76.56			
ICO host per line inv - 4	76.56	76.56			
ICO remote per line inv - 1	76.56	76.56			
ICO remote per line inv - 2	76.56	76.56			
ICO remote per line inv - 3	76.56	76.56			
ICO remote per line inv - 4	76.56	76.56			

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User Adjustable Inputs

Switching Input	Current Scenario		Expense Input	Current Scenario	
	Value	Default Scenario Value		Value	Default Scenario Value