HAI Model Release FCC - Expense Module
Density Zone Level Calculations

density zone (lines/sq mi)	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
0	DLC	27,043	750	26,220	73	-	305	24,399	$ 12,081	$ 88,502	$ 80,560	$ 3,077,765	$ 9,811,612	$ 13,448,850
5	DLC	42,335	5,609	36,149	577	-	741	31,090	$ 46,230	$ 277,459	$ 251,104	$ 2,146,264	$ 6,812,823	$ 9,326,194
100	DLC	6,022	1,487	4,231	304	-	304	3,753	$ 9,151	$ 19,480	$ 20,749	$ 61,394	$ 173,230	$ 238,445
200	DLC	16,327	4,125	11,445	757	-	602	9,746	$ 18,588	$ 84,433	$ 76,009	$ 97,023	$ 274,104	$ 374,333
650	DLC													
850	DLC													
2550	DLC													
5000	DLC													
10000	DLC													
0	non-DLC	89	-	89	-	-	-	89	$ -	$ -	$ -	$ -	$ -	$ -
5	non-DLC	55,813	7,977	46,804	1,032	-	1,401	42,269	$ 2,775	$ 14,603	$ 14,480	$ 13,452	$ 42,515	$ 58,579
100	non-DLC	28,995	6,187	21,606	1,202	-	1,454	19,197	$ 3,684	$ 4,787	$ 4,884	$ 5,457	$ 3,436	$ 5,273
200	non-DLC	60,417	16,112	41,647	2,658	-	3,272	35,514	$ 10,226	$ 84,413	$ 74,856	$ 31,194	$ 100,902	$ 137,108
650	non-DLC	15,470	4,558	9,942	970	-	962	8,498	$ 2,812	$ 23,024	$ 20,391	$ 8,811	$ 28,753	$ 38,867
850	non-DLC	21,418	6,581	13,635	1,202	-	1,361	11,831	$ 24,357	$ 119,639	$ 107,041	$ 44,673	$ 97,356	$ 133,421
2550	non-DLC	2,934	1,270	1,388	276	-	384	1,184	$ 563	$ 4,564	$ 4,049	$ 1,331	$ 4,296	$ 5,845
5000	non-DLC													
10000	non-DLC													
Totals/Avgs		276,863	54,656	213,156	9,051	-	10,786	187,570	$ 130,466	$ 720,906	$ 654,122	$ 5,487,365	$ 17,349,027	$ 23,766,914

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density zone (lines/sq mi)	feeder type	feeder conduit	feeder manholes	copper feeder u/g placement	fiber feeder u/g placement	copper feeder buried placement	fiber feeder buried placement	feeder pole inv	distribution cable underground	distribution cable buried	distribution cable aerial	distribution conduit
0	DLC	$ 208,934	$ 2,558,351	$ -	$ 874,919	$ -	$ 5,481,392	$ 2,230,849	$ 28,071	$ 37,212,018	$ 48,830,913	$ 1,123
5	DLC	$ 155,452	$ 1,841,927	$ -	$ 665,092	$ -	$ 4,442,412	$ 1,619,201	$ 3,186,490	$ 27,715,320	$ 32,804,676	$ 107,418
100	DLC	$ 7,167	$ 138,941	$ -	$ 52,323	$ -	$ 232,758	$ 123,426	$ 109,226	$ 577,506	$ 480,017	$ 13,602
200	DLC	$ 12,187	$ 187,400	$ -	$ 111,085	$ -	$ 492,929	$ 179,814	$ 362,063	$ 1,061,610	$ 845,337	$ 37,586
650	DLC											
850	DLC											
2550	DLC											
5000	DLC											
10000	DLC											
0	non-DLC	$ -	$ 21,444	$ 16,180	$ -	$ 79,477	$ -	$ 18,818	$ -	$ 96,788	$ 130,221	$ -
5	non-DLC	$ 944	$ 4,004,411	$ 1,084,434	$ -	$ 6,310,792	$ -	$ 3,472,287	$ 1,072,002	$ 9,873,608	$ 11,377,516	$ 38,677
100	non-DLC	$ 1,138	$ 1,005,074	$ 191,119	$ -	$ 1,185,152	$ -	$ 881,908	$ 471,128	$ 2,674,981	$ 2,154,913	$ 58,187
200	non-DLC	$ 3,636	$ 1,076,730	$ 223,839	$ -	$ 1,250,353	$ -	$ 981,872	$ 1,155,753	$ 3,726,491	$ 2,855,957	$ 127,757
650	non-DLC	$ 2,022	$ 184,338	$ 65,541	$ -	$ 378,472	$ -	$ 190,418	$ 457,333	$ 770,762	$ 595,145	$ 58,704
850	non-DLC	$ 7,597	$ 207,049	$ 90,547	$ -	$ 310,511	$ -	$ 185,583	$ 1,304,081	$ 853,623	$ 741,187	$ 183,087
2550	non-DLC	$ 291	$ 15,723	$ 11,072	$ -	$ 52,154	$ -	$ 23,665	$ 228,893	$ 54,395	$ 72,502	$ 30,733
5000	non-DLC											
10000	non-DLC											
Totals/Avgs		$ 399,367	$ 11,241,391	$ 1,682,732	$ 1,703,419	$ 9,566,911	$ 10,649,490	$ 9,907,841	$ 8,375,040	$ 84,617,101	$ 100,888,383	$ 656,875

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density zone (lines/sq mi)	feeder type	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
0	DLC	$ 10,107	$ 39,093,827	$ 25,599,355	77.66%	54.10%	0.00%	$ 29,985,969	$ 820,499	$ 2,610,428	$ 3,535,456	$ 1,046,197
5	DLC	$ 966,764	$ 54,326,392	$ 15,948,132	78.21%	56.25%	0.00%	$ 26,013,370	$ 963,364	$ 3,153,485	$ 4,290,365	$ 1,434,522
100	DLC	$ 122,422	$ 1,828,754	$ 305,827	72.47%	57.39%	0.00%	$ 1,686,540	$ 78,235	$ 241,623	$ 285,130	$ 184,742
200	DLC	$ 338,274	$ 3,182,398	$ 499,309	75.17%	61.60%	0.00%	$ 3,564,211	$ 174,900	$ 554,105	$ 619,701	$ 464,836
650	DLC											
850	DLC											
2550	DLC											
5000	DLC											
10000	DLC											
0	non-DLC	$ -	$ 104,936	$ 68,686	70.00%	51.59%	0.00%	$ -	$ 2,361	$ 8,985	$ 11,734	$ 3,516
5	non-DLC	$ 348,096	$ 19,674,616	$ 5,772,397	77.51%	53.72%	0.00%	$ 449,545	$ 842,563	$ 2,604,731	$ 3,730,284	$ 1,941,070
100	non-DLC	$ 523,680	$ 8,179,344	$ 1,342,010	80.05%	54.91%	0.00%	$ -	$ 344,298	$ 1,120,038	$ 1,403,511	$ 924,063
200	non-DLC	$ 1,149,815	$ 11,189,068	$ 1,745,009	82.50%	59.48%	0.00%	$ -	$ 582,483	$ 2,087,500	$ 2,270,977	$ 1,736,539
650	non-DLC	$ 528,336	$ 2,714,836	$ 415,151	82.50%	64.76%	0.00%	$ -	$ 131,290	$ 510,312	$ 506,407	$ 427,351
850	non-DLC	$ 1,647,785	$ 2,529,599	$ 454,628	82.44%	67.06%	0.00%	$ -	$ 196,034	$ 837,208	$ 636,318	$ 588,471
2550	non-DLC	$ 276,598	$ 120,174	$ 27,254	82.50%	65.18%	0.00%	$ -	$ 18,434	$ 143,149	$ 60,559	$ 73,273
5000	non-DLC											
10000	non-DLC											
Totals/Avgs		$ 5,911,877	$ 142,943,944	$ 52,177,758				$ 61,699,634	$ 4,154,461	$ 13,871,563	$ 17,350,442	$ 8,824,577

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density zone (lines/sq mi)	feeder type	feeder distance	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
0	DLC	19,617,379	75,130,745	27,043	$ 9,251,096	$ -	$ 1,730,741	$ 347,166	$ 270,262	$ 398,792	$ 133,076	$ 166,162
5	DLC	13,589,971	51,069,140	42,335	$ 13,117,844	$ -	$ 2,442,320	$ 401,483	$ 388,935	$ 617,455	$ 196,606	$ 257,271
100	DLC	358,550	729,745	6,022	$ 1,581,103	$ -	$ 358,658	$ 48,523	$ 48,378	$ 84,549	$ 25,447	$ 35,229
200	DLC	545,108	1,448,603	16,327	$ 4,125,585	$ -	$ 833,729	$ 108,277	$ 135,634	$ 230,226	$ 69,819	$ 95,927
650	DLC											
850	DLC											
2550	DLC											
5000	DLC											
10000	DLC											
0	non-DLC	-	194,152	-	$ 33,113	$ -	$ 6,640	$ 2,576	$ 1,116	$ 1,316	$ 509	$ 548
5	non-DLC	89,031	17,897,910	-	$ 19,516,107	$ -	$ 3,598,809	$ 638,362	$ 539,446	$ 810,019	$ 267,822	$ 337,506
100	non-DLC	8,979	4,101,356	-	$ 9,517,927	$ -	$ 1,878,087	$ 270,162	$ 280,080	$ 410,961	$ 136,366	$ 171,233
200	non-DLC	199,862	5,223,452	-	$ 15,400,340	$ -	$ 2,732,080	$ 362,633	$ 496,185	$ 854,053	$ 258,178	$ 355,853
650	non-DLC	55,939	1,025,159	-	$ 3,895,309	$ -	$ 775,756	$ 104,726	$ 128,358	$ 214,404	$ 65,495	$ 89,335
850	non-DLC	197,382	1,163,826	-	$ 4,470,684	$ -	$ 873,341	$ 119,615	$ 155,085	$ 298,924	$ 84,954	$ 124,551
2550	non-DLC	8,501	98,154	-	$ 666,588	$ -	$ 124,840	$ 14,475	$ 21,030	$ 39,303	$ 11,301	$ 16,376
5000	non-DLC											
10000	non-DLC											
Totals/Avgs		34,670,702	158,082,243	91,727	$ 81,575,698	$ -	$ 15,355,002	$ 2,418,000	$ 2,464,509	$ 3,960,002	$ 1,249,574	$ 1,649,990

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density zone (lines/sq mi)	feeder type	OS trunks	operator position	common transport, u/g	common transport, buried	common transport, aerial	common transport, poles	common transport, conduit	common transport, manholes	common transmission terminal inv.	direct transport, u/g	direct transport, buried
0	DLC	$ 3,206,628	$ 54,315	$ 4,252,037	$ 3,806,644	$ 986,779	$ 280,465	$ 338,324	$ 47,499	$ 424,741	$ 7,284,966	$ 6,524,394
5	DLC	$ 2,795,712	$ 84,096	$ 3,731,852	$ 3,344,593	$ 861,412	$ 244,879	$ 295,341	$ 40,213	$ 540,944	$ 6,780,164	$ 6,081,762
100	DLC	$ 119,239	$ 11,515	$ 171,253	$ 155,656	$ 39,883	$ 11,443	$ 13,674	$ 1,885	$ 56,848	$ 350,718	$ 319,709
200	DLC	$ 108,454	$ 31,356	$ 150,502	$ 141,081	$ 35,719	$ 10,162	$ 12,247	$ 1,737	$ 132,595	$ 357,408	$ 337,803
650	DLC											
850	DLC											
2550	DLC											
5000	DLC											
10000	DLC											
0	non-DLC	$ 34,609	$ 179	$ 47,074	$ 42,165	$ 10,905	$ 3,104	$ 3,739	$ 521	$ 1,653	$ 71,201	$ 63,744
5	non-DLC	$ 6,121,604	$ 110,323	$ 8,217,721	$ 7,349,028	$ 1,897,405	$ 538,698	$ 650,539	$ 89,386	$ 921,397	$ 14,495,644	$ 12,961,339
100	non-DLC	$ 1,105,101	$ 55,972	$ 1,532,427	$ 1,382,106	$ 353,479	$ 103,272	$ 121,193	$ 16,175	$ 469,155	$ 3,137,206	$ 2,831,271
200	non-DLC	$ 794,403	$ 116,321	$ 1,113,939	$ 1,023,982	$ 259,082	$ 75,602	$ 88,828	$ 12,231	$ 484,354	$ 2,516,319	$ 2,317,110
650	non-DLC	$ 64,373	$ 29,202	$ 90,985	$ 88,584	$ 21,818	$ 6,790	$ 7,481	$ 1,085	$ 118,152	$ 235,456	$ 229,931
850	non-DLC	$ 61,012	$ 40,713	$ 84,783	$ 87,403	$ 21,017	$ 6,633	$ 7,206	$ 1,052	$ 98,211	$ 227,000	$ 234,353
2550	non-DLC	$ 4,317	$ 5,353	$ 6,164	$ 6,973	$ 1,610	$ 543	$ 552	$ 81	$ 17,784	$ 16,771	$ 18,970
5000	non-DLC											
10000	non-DLC											
Totals/Avgs		$ 14,415,452	$ 539,347	$ 19,398,737	$ 17,428,215	$ 4,489,110	$ 1,281,590	$ 1,539,124	$ 211,864	$ 3,265,834	$ 35,472,855	$ 31,920,385

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density zone (lines/sq mi)	feeder type	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
0	DLC	$ 1,691,284	$ 481,519	$ 579,869	$ 81,501	$ 808,687	$ 8,356,098	$ 7,488,966	$ 1,940,590	$ 553,380	$ 665,345	$ 93,595
5	DLC	$ 1,566,083	$ 445,373	$ 536,943	$ 73,279	$ 1,116,516	$ 8,219,561	$ 7,393,367	$ 1,901,047	$ 542,050	$ 651,788	$ 89,238
100	DLC	$ 81,916	$ 23,474	$ 28,086	$ 3,892	$ 128,562	$ 745,264	$ 680,925	$ 173,988	$ 50,079	$ 59,653	$ 8,191
200	DLC	$ 85,194	$ 24,456	$ 29,209	$ 4,154	$ 344,397	$ 657,743	$ 634,545	$ 158,492	$ 46,542	$ 54,340	$ 7,774
650	DLC											
850	DLC											
2550	DLC											
5000	DLC											
10000	DLC											
0	non-DLC	$ 16,489	$ 4,681	$ 5,654	$ 787	$ 2,574	$ 68,827	$ 61,655	$ 15,933	$ 4,512	$ 5,463	$ 759
5	non-DLC	$ 3,347,851	$ 950,328	$ 1,147,835	$ 157,883	$ 1,714,830	$ 17,114,889	$ 15,291,620	$ 3,954,085	$ 1,120,547	$ 1,355,686	$ 186,776
100	non-DLC	$ 724,492	$ 211,859	$ 248,397	$ 33,325	$ 1,049,173	$ 5,256,998	$ 4,754,587	$ 1,215,071	$ 358,171	$ 416,596	$ 55,891
200	non-DLC	$ 586,115	$ 170,969	$ 200,954	$ 27,885	$ 1,188,200	$ 4,916,253	$ 4,536,356	$ 1,146,729	$ 335,365	$ 393,164	$ 54,896
650	non-DLC	$ 56,553	$ 17,654	$ 19,390	$ 2,815	$ 314,778	$ 577,233	$ 562,663	$ 138,500	$ 43,143	$ 47,485	$ 6,891
850	non-DLC	$ 56,324	$ 17,777	$ 19,311	$ 2,821	$ 263,321	$ 535,466	$ 554,866	$ 133,384	$ 42,003	$ 45,731	$ 6,681
2550	non-DLC	$ 4,382	$ 1,477	$ 1,503	$ 219	$ 48,386	$ 44,873	$ 50,755	$ 11,724	$ 3,952	$ 4,020	$ 587
5000	non-DLC											
10000	non-DLC											
Totals/Avgs		$ 8,216,683	$ 2,349,567	$ 2,817,149	$ 388,560	$ 6,979,424	$ 46,493,205	$ 42,010,305	$ 10,789,541	$ 3,099,744	$ 3,699,271	$ 511,281

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density zone (lines/sq mi)	feeder type	dedicated transmission terminal inv	prop local direct trunks	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
0	DLC	$ 1,204,440	1,206	198	391	278	2,704	535	325	67,425	$ 10,788	$ 148,335
5	DLC	$ 1,880,914	1,849	230	511	338	4,544	741	412	104,395	$ 16,703	$ 229,669
100	DLC	$ 284,863	222	23	55	36	694	82	43	14,295	$ 2,287	$ 31,449
200	DLC	$ 796,611	813	51	168	92	2,451	274	123	38,925	$ 6,228	$ 85,635
650	DLC											
850	DLC											
2550	DLC											
5000	DLC											
10000	DLC											
0	non-DLC	$ 2,743	5	1	2	2	8	3	2	223	$ 36	$ 490
5	non-DLC	$ 2,382,140	2,280	400	769	552	4,761	1,041	643	136,953	$ 21,912	$ 301,296
100	non-DLC	$ 1,962,118	1,822	171	446	276	5,032	675	347	69,483	$ 11,117	$ 152,862
200	non-DLC	$ 2,659,771	2,658	203	585	346	7,794	924	445	144,398	$ 23,104	$ 317,675
650	non-DLC	$ 798,336	818	48	166	88	2,608	274	120	36,250	$ 5,800	$ 79,750
850	non-DLC	$ 695,107	687	43	135	77	2,185	223	100	50,540	$ 8,086	$ 111,188
2550	non-DLC	$ 138,168	109	6	21	11	388	36	15	6,645	$ 1,063	$ 14,619
5000	non-DLC											
10000	non-DLC											
Totals/Avgs		$ 12,805,212	12,466	1,375	3,249	2,096	33,167	4,807	2,577	669,530	$ 107,125	$ 1,472,966

density zone (lines/sq mi)	feeder type	signaling link inv	total public telephone inv	total residential annual DEMs	total business annual DEMs	Total Investment
0	DLC	$ 1,531,238	$ -	545,915,104	22,363,883	291,854,925
5	DLC	$ 1,132,457	$ -	752,642,452	167,252,029	266,616,722
100	DLC	$ 31,612	$ -	88,091,793	44,340,126	12,772,931
200	DLC	$ 22,320	$ -	238,291,318	123,001,358	23,527,060
650	DLC			-	-	-
850	DLC			-	-	-
2550	DLC			-	-	-
5000	DLC			-	-	-
10000	DLC			-	-	-
0	non-DLC	$ 21,588	$ -	1,853,030	-	1,100,271
5	non-DLC	$ 2,636,204	$ -	974,485,527	237,862,263	203,626,364
100	non-DLC	$ 309,858	$ -	449,849,037	184,487,128	63,090,237
200	non-DLC	$ 181,984	$ -	867,113,895	480,435,851	78,747,790
650	non-DLC	$ 9,281	$ -	206,998,015	135,912,774	16,942,835
850	non-DLC	$ 10,435	$ -	283,888,346	196,235,622	20,849,376
2550	non-DLC	$ 998	$ -	28,898,938	37,869,509	2,535,921
5000	non-DLC			-	-	-
10000	non-DLC			-	-	-
Totals/Avgs		$ 5,887,975	$ -	4,438,027,457	1,629,760,543	981,664,432

Universal Service Calculation Sheet - monthly costs per line

Iowa
Iowa Telecom - Combined

	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	$ 147.68	$ 59.20	$ 28.52	$ 24.89	$ 18.54	$ 18.46	$ 16.48	$ -	$ -	$ 49.21
Port	2.27	2.27	2.27	2.27	2.27	2.27	2.27	-	-	2.27
End office usage	3.21	3.21	3.21	3.21	3.21	3.21	3.21	-	-	3.21
Signaling	0.25	0.25	0.25	0.25	0.25	0.25	0.25	-	-	0.25
Transport	4.59	4.59	4.59	4.59	4.59	4.59	4.59	-	-	4.59
Local retail costs										
Billing/bill inquiries	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Directory listing	-	-	-	-	-	-	-	-	-	-
LNP expense (when available)	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
Basic Local Service										
Avg monthly cost per line	**$ 158.00**	**$ 69.52**	**$ 38.84**	**$ 35.21**	**$ 28.85**	**$ 28.78**	**$ 26.80**	**$ -**	**$ -**	**$ 59.52**
@ Residence usage per line	**$ 157.84**	**$ 69.36**	**$ 38.68**	**$ 35.05**	**$ 28.69**	**$ 28.62**	**$ 26.63**	**$ -**	**$ -**	**$ 63.23**
@ Business usage per line	**$ 158.62**	**$ 70.15**	**$ 39.47**	**$ 35.84**	**$ 29.48**	**$ 29.41**	**$ 27.42**	**$ -**	**$ -**	**$ 45.06**
Total switched lines	27,059	96,539	33,511	73,329	14,500	20,216	2,658	-	-	267,812
Primary residence lines	24,488	73,359	22,950	45,260	8,498	11,831	1,184	-	-	187,570
Secondary residence lines	1,821	9,594	2,887	7,832	1,444	1,804	204	-	-	25,586
Single line business lines	305	2,142	1,758	3,874	962	1,361	384	-	-	10,786
Multline business lines	445	11,444	5,916	16,363	3,596	5,220	886	-	-	43,870
Public lines	-	-	-	-	-	-	-	-	-	-
FEDERAL FUND ANALYSIS										
Annual Support for line types: Specify / Bench mark										
Primary residence lines X **$31.00**	$ 37,271,479	$ 33,767,071	$ 2,114,650	$ 2,197,653	$ -	$ -	$ -	$ -	$ -	$ 75,350,853
Secondary residence lines **$31.00**	$ 2,771,617	$ 4,416,108	$ 266,013	$ 380,292	$ -	$ -	$ -	$ -	$ -	$ 7,834,030
Single line business lines X **$51.00**	$ 393,907	$ 492,164	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 886,072
Multline business lines **$51.00**	$ 574,717	$ 2,629,472	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,204,189
Public lines **$51.00**	$ 0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 0
Support cost if all lines supported	$ 41,011,721	$ 41,304,815	$ 2,380,663	$ 2,577,945	$ -	$ -	$ -	$ -	$ -	$ 87,275,144
Total annual support for specified lines	**$ 37,665,386**	**$ 34,259,235**	**$ 2,114,650**	**$ 2,197,653**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 76,236,925**
@25% Federal allocation	$ 9,416,347	$ 8,564,809	$ 528,663	$ 549,413	$ -	$ -	$ -	$ -	$ -	$ 19,059,231
@Implied 75% State allocation	$ 28,249,040	$ 25,694,426	$ 1,585,988	$ 1,648,240	$ -	$ -	$ -	$ -	$ -	$ 57,177,693

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

$20.00	$ 40,503,895	$ 43,450,459	$ 5,144,050	$ 8,171,973	$ 886,454	$ 1,223,425	$ 94,265	$ -	$ -	$ 99,474,520
$30.00	$ 37,565,335	$ 34,647,379	$ 2,390,050	$ 2,740,773	$ -	$ -	$ -	$ -	$ -	$ 77,343,537
$40.00	$ 34,626,775	$ 25,844,299	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 60,471,074
$50.00	$ 31,688,215	$ 17,041,219	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 48,729,434
$60.00	$ 28,749,655	$ 8,238,139	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 36,987,794
$70.00	$ 25,811,095	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 25,811,095
$80.00	$ 22,872,535	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 22,872,535

STATE FUND ANALYSIS										

Annual Support for line types:	Specify	Bench mark											
Primary residence lines	X	**$31.00**	$ 37,271,479	$ 33,767,071	$ 2,114,650	$ 2,197,653	$ -	$ -	$ -	$ -	$ -	$ 75,350,853
Secondary residence lines		**$31.00**	$ 2,771,617	$ 4,416,108	$ 266,013	$ 380,292	$ -	$ -	$ -	$ -	$ -	$ 7,834,030
Single line business lines	X	**$51.00**	$ 393,907	$ 492,164	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 886,072
Multline business lines		**$51.00**	$ 574,717	$ 2,629,472	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,204,189
Public lines		**$51.00**	$ 0	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 0
Support cost if all lines supported			$ 41,011,721	$ 41,304,815	$ 2,380,663	$ 2,577,945	$ -	$ -	$ -	$ -	$ -	$ 87,275,144
Total annual support for specified lines			**$ 37,665,386**	**$ 34,259,235**	**$ 2,114,650**	**$ 2,197,653**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 76,236,925**
@75% State allocation			$ 28,249,040	$ 25,694,426	$ 1,585,988	$ 1,648,240	$ -	$ -	$ -	$ -	$ -	$ 57,177,693
@implied 25% Federal allocation			$ 9,416,347	$ 8,564,809	$ 528,663	$ 549,413	$ -	$ -	$ -	$ -	$ -	$ 19,059,231

TOTAL FUND ANALYSIS											
25% Federal allocation from Federal Fund Analys	$ 9,416,347	$ 8,564,809	$ 528,663	$ 549,413	$ -	$ -	$ -	$ -	$ -	$ 19,059,231
75% State allocation from State Fund Analysis	$ 28,249,040	$ 25,694,426	$ 1,585,988	$ 1,648,240	$ -	$ -	$ -	$ -	$ -	$ 57,177,693
Total Federal + State fund	**$ 37,665,386**	**$ 34,259,235**	**$ 2,114,650**	**$ 2,197,653**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 76,236,925**

Module release date: 11/4/1997

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	$ 2,784,956	$ 10,006,473	$ 3,560,188	$ 7,776,747	$ 1,565,939	$ 2,169,701	$ 295,769	$ -	$ -	$ 28,159,774
Unit Cost/month	8.56	8.50	8.47	8.44	8.44	8.44	8.40	-	-	8.48
Loop Distribution (DLC)										
Annual Cost	$ 33,356,714	$ 33,726,688	$ 2,417,388	$ 5,100,064	$ -	$ -	$ -	$ -	$ -	$ 74,600,854
Unit Cost/month	102.79	66.39	33.45	26.03	-	-	-	-	-	67.77
Loop Distribution (non-DLC)										
Annual Cost	$ 532,907	$ 12,804,770	$ 4,325,977	$ 6,940,281	$ 1,670,514	$ 2,280,207	$ 255,205	$ -	$ -	$ 28,809,862
Unit Cost/month	498.98	19.12	12.43	9.57	9.00	8.87	7.25	-	-	12.97
Loop Distribution (all)										
Annual Cost	$ 33,889,621	$ 46,531,458	$ 6,743,366	$ 12,040,345	$ 1,670,514	$ 2,280,207	$ 255,205	$ -	$ -	$ 103,410,716
Unit Cost/month	104.09	39.51	16.05	13.07	9.00	8.87	7.25	-	-	31.13
Loop Concentration (DLC)										
Annual Cost	$ 6,246,527	$ 6,232,118	$ 675,657	$ 1,485,241	$ -	$ -	$ -	$ -	$ -	$ 14,639,543
Unit Cost/month	19.25	12.27	9.35	7.58	-	-	-	-	-	13.30
Loop Concentration (non-DLC)										
Annual Cost	$ 11,036	$ 310,471	$ 91,473	$ 166,806	$ 37,513	$ 56,184	$ 5,721	$ -	$ -	$ 679,205
Unit Cost/month	10.33	0.46	0.26	0.23	0.20	0.22	0.16	-	-	0.31
Loop Concentration (all)										
Annual Cost	$ 6,257,563	$ 6,542,589	$ 767,130	$ 1,652,047	$ 37,513	$ 56,184	$ 5,721	$ -	$ -	$ 15,318,747
Unit Cost/month	19.22	5.56	1.83	1.79	0.20	0.22	0.16	-	-	4.61
Loop Feeder (DLC)										
Annual Cost	$ 5,966,534	$ 5,035,584	$ 439,406	$ 906,158	$ -	$ -	$ -	$ -	$ -	$ 12,347,681
Unit Cost/month	18.39	9.91	6.08	4.63	-	-	-	-	-	11.22
Loop Feeder (non-DLC)										
Annual Cost	$ 107,855	$ 2,950,691	$ 705,273	$ 986,908	$ 233,210	$ 329,795	$ 34,609	$ -	$ -	$ 5,348,342
Unit Cost/month	100.99	4.41	2.03	1.36	1.26	1.28	0.98	-	-	2.41
Loop Feeder (all)										
Annual Cost	$ 6,074,389	$ 7,986,275	$ 1,144,679	$ 1,893,067	$ 233,210	$ 329,795	$ 34,609	$ -	$ -	$ 17,696,023
Unit Cost/month	18.66	6.78	2.72	2.06	1.26	1.28	0.98	-	-	5.33
Total Loop (DLC)										
Annual Cost	$ 48,345,595	$ 49,310,565	$ 4,144,710	$ 9,145,937	$ -	$ -	$ -	$ -	$ -	$ 110,946,807
Unit Cost/month	148.98	97.06	57.36	46.68	-	-	-	-	-	100.79
Total Loop (non-DLC)										
Annual Cost	$ 660,933	$ 21,756,230	$ 8,070,653	$ 14,216,269	$ 3,507,177	$ 4,835,886	$ 591,305	$ -	$ -	$ 53,638,453
Unit Cost/month	618.85	32.48	23.20	19.61	18.89	18.82	16.79	-	-	24.14
Total Loop (all)										
Annual Cost	$ 49,006,529	$ 71,066,795	$ 12,215,363	$ 23,362,206	$ 3,507,177	$ 4,835,886	$ 591,305	$ -	$ -	$ 164,585,260
Unit Cost/month	150.52	60.34	29.07	25.37	18.89	18.82	16.79	-	-	49.54
Total lines	27,132	98,148	35,017	76,744	15,470	21,418	2,934	-	-	276,863
Total lines served by DLC	27,043	42,335	6,022	16,327	-	-	-	-	-	91,727

Unit

	Annual Cost	Units		Cost		
End office switching	$ 24,735,812					
Line Port	7,420,744	267,812	switched lines	$ 2.31	per line/month	
Non-Line Port	17,315,068	4,974,210,368	actual minutes	$ 0.00348	per actual minute	(for rate per DEM, see "Cost detail" sheet)
Signaling network elements	$ 1,917,695					
Links	1,387,552	589	links	$ 196.26	per link per month	
STP	347,117	5,167,831,224	TCAP+ISUP msgs	$ 0.00007	per signaling message	
SCP	183,025	287,480,400	TCAP queries	$ 0.00064	per query	
Transport network elements						
Dedicated						
Sw+Sp Transport	$ 19,963,246	33,167	trunks	$ 50.16	per DS-0 equivalent per month	
Switched	14,515,441	24,116	trunks	$ 0.00499	per minute	
Special	5,447,805	9,051	trunks			
Transmission Terminal	3,137,015	33,167	trunks	$ 7.88	per DS-0 equivalent per month	
				$ 0.00078	per minute	
				$ 0.00578	total per minute	
Common						
Transport	$ 8,245,122	415,436,609	minutes	$ 0.00826	per minute per leg (orig or term)	
Transmission Terminal	790,883	415,436,609	minutes	$ 0.00079	per minute	
				$ 0.00906	total per minute	
Direct						
Transport	$ 15,121,012	1,135,071,793	minutes	$ 0.01332	per minute	
Transmission Terminal	1,697,262	1,135,071,793	minutes	$ 0.00150	per minute	
				$ 0.01482	total per minute	
Tandem switch	$ 1,739,968	349,859,085	minutes	$ 0.00497	per minute	
Operator systems	$ 4,377,331					
Public Telephones	$ -					
Total (w/ Public)	$ 246,310,606					
Total cost of switched network elements (w/o Public)	$ 73.01	per line/month				

	interconnected at end office	interconnected at tandem	wtd average
Local interconnection			
EO switching	$ 0.00348	$ 0.00348	
ISUP	$ 0.00040	$ 0.00040	
Common Transport	$ -	$ 0.00906	
Tandem Switching	$ -	$ 0.00497	
TOTAL	$ 0.00388	$ 0.01791	n/a
IXC switched access			
EO switching	$ 0.00348	$ 0.00348	
ISUP	$ 0.00040	$ 0.00040	
Dedicated Transport	$ 0.00578	$ 0.00578	
Common Transport	$ -	$ 0.00906	
Tandem Switching	$ -	$ 0.00497	
TOTAL	$ 0.00966	$ 0.02369	$ 0.01246

Signaling detail

cost per 800 call attempt (TCAP)	$ 0.0014
ISUP cost/transaction	$ 0.00211
ISUP cost/completion	0.0030
IXC switched access MOU/comp	7.55
ISUP cost/min	$ 0.000399
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	17,315,068
Total DEMs	6,067,788,000
Cost per DEM	$ 0.00285

Dedicated Transport Costs Per Trunk

DS-0 per month	
Transport per month	$ 50.16
Terminal per month *	$ 97.74
TOTAL	$ 147.89
DS-1 per month	
Transport per month	$ 1,203.80
Terminal per month	$ 189.16
TOTAL	$ 1,392.97
DS-3 per month	
Transport per month	$ 33,706.45
Terminal per month	$ 535.01
TOTAL	$ 34,241.46

Trunk Port Costs

per trunk port (DS-0 equivalent) per month	$ 2.53
per trunk port minute	$ 0.000252
total EO usage per minute	$ 0.003481
trk port/min	$ 0.000252
other	$ 0.003229

	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)	54.1%	56.2%	57.4%	61.6%	0.0%	0.0%	0.0%	0.0%	0.0%	56.6%
calculated distribution fill (non-DLC)	51.6%	53.7%	54.9%	59.5%	64.8%	67.1%	65.2%	0.0%	0.0%	58.4%
weighted average										57.8%

Per DS0 Transport Calculations

Entrance Facility Investment per Line	$ 3
Total Dedicated Terminal Investment	12,805,212
Total Lines	276,863
Total Dedicated Terminal Investment per line	$ 46
Entrance Facility percent to total	$ 0
Terminal Investment per DS-0	$ 361
Transport Investment per DS-0	$ 3,214

Network-Related Expenses	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
NID							
Annual Capital Cost	$ 162,628	$ 522,967	$ 171,783	$ 341,050	$ 66,208	$ 91,169	$ 11,352
Network Expenses	$ 24,676	$ 76,756	$ 24,869	$ 50,319	$ 9,638	$ 13,476	$ 1,502
Direct expense	$ 187,303	$ 599,722	$ 196,651	$ 391,369	$ 75,845	$ 104,646	$ 12,853
Investment	$ 1,049,713	$ 3,375,591	$ 1,108,805	$ 2,201,375	$ 427,351	$ 588,471	$ 73,273
Support, Overhead and direct per line	$ 2,587,176	$ 9,358,917	$ 3,339,051	$ 7,317,935	$ 1,475,144	$ 2,042,317	$ 279,772
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 2,774,479	$ 9,958,639	$ 3,535,702	$ 7,709,305	$ 1,550,989	$ 2,146,962	$ 292,625
with carrier-to-carrier	$ 2,777,137	$ 9,978,380	$ 3,550,193	$ 7,754,914	$ 1,561,543	$ 2,163,609	$ 294,939
Distribution (DLC)							
Annual Capital Cost	$ 24,080,888	$ 21,651,317	$ 596,493	$ 1,125,406	$ -	$ -	$ -
Network Expenses	$ 7,506,035	$ 6,608,850	$ 172,759	$ 319,024	$ -	$ -	$ -
Direct expense	$ 31,586,923	$ 28,260,167	$ 769,252	$ 1,444,430	$ -	$ -	$ -
Investment	$ 156,921,298	$ 142,499,042	$ 3,964,106	$ 7,500,382	$ -	$ -	$ -
Support, Overhead and direct per line	$ 1,227,835	$ 4,441,603	$ 1,584,664	$ 3,472,984	$ 700,082	$ 969,253	$ 132,776
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 32,814,758	$ 32,701,771	$ 2,353,916	$ 4,917,413	$ 700,082	$ 969,253	$ 132,776
with carrier-to-carrier	$ 33,263,065	$ 33,632,000	$ 2,410,602	$ 5,085,746	$ 700,082	$ 969,253	$ 132,776
Distribution (non-DLC)							
Annual Capital Cost	$ 64,680	$ 8,288,735	$ 2,698,664	$ 3,949,108	$ 976,591	$ 1,344,093	$ 145,927
Network Expenses	$ 20,139	$ 2,513,358	$ 783,730	$ 1,121,021	$ 262,822	$ 314,306	$ 28,928
Direct expense	$ 84,819	$ 10,802,092	$ 3,482,394	$ 5,070,129	$ 1,239,413	$ 1,658,399	$ 174,856
Investment	$ 421,349	$ 54,491,926	$ 17,927,793	$ 26,308,326	$ 6,556,986	$ 9,187,516	$ 1,014,257
Support, Overhead and direct per line	445388.5	1611159.903	574825.6341	1259800.053	253949.5833	351589.6687	48163.41806
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 530,207	$ 12,413,252	$ 4,057,219	$ 6,329,929	$ 1,493,362	$ 2,009,988	$ 223,019
with carrier-to-carrier	$ 531,411	$ 12,768,821	$ 4,313,832	$ 6,920,798	$ 1,665,824	$ 2,273,806	$ 254,489
Distribution (all)							
Annual Capital Cost	$ 24,145,567	$ 29,940,052	$ 3,295,157	$ 5,074,514	$ 976,591	$ 1,344,093	$ 145,927
Network Expenses	$ 7,526,174	$ 9,122,207	$ 956,489	$ 1,440,045	$ 262,822	$ 314,306	$ 28,928
Direct expense	$ 31,671,742	$ 39,062,260	$ 4,251,646	$ 6,514,559	$ 1,239,413	$ 1,658,399	$ 174,856
Investment	$ 157,342,647	$ 196,990,968	$ 21,891,900	$ 33,808,709	$ 6,556,986	$ 9,187,516	$ 1,014,257
Support, Overhead and direct per line	$ 1,673,224	$ 6,052,763	$ 2,159,490	$ 4,732,784	$ 954,031	$ 1,320,843	$ 180,939
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 33,344,965	$ 45,115,023	$ 6,411,136	$ 11,247,343	$ 2,193,444	$ 2,979,242	$ 355,795
with carrier-to-carrier	$ 33,794,476	$ 46,400,821	$ 6,724,434	$ 12,006,542	$ 2,365,906	$ 3,243,059	$ 387,265
Concentrator (DLC)							
Annual Capital Cost	$ 5,260,065	$ 4,602,176	$ 300,820	$ 637,212	$ -	$ -	$ -
Network Expenses	$ 644,980	$ 573,408	$ 38,046	$ 80,932	$ -	$ -	$ -
Direct expense	$ 5,905,045	$ 5,175,584	$ 338,866	$ 718,144	$ -	$ -	$ -
Investment	$ 30,806,468	$ 26,976,734	$ 1,764,775	$ 3,739,111	$ -	$ -	$ -
Support, Overhead and direct per line	240135.9683	868674.0754	309923.382	679234.6583	136919.631	189563.3263	25967.82142
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 6,145,181	$ 6,044,258	$ 648,789	$ 1,397,379	$ 136,920	$ 189,563	$ 25,968
with carrier-to-carrier	$ 6,228,990	$ 6,214,621	$ 673,760	$ 1,481,071	$ 136,920	$ 189,563	$ 25,968
Concentrator (non-DLC)							
Annual Capital Cost	$ 366	$ 207,487	$ 53,341	$ 90,242	$ 20,340	$ 30,371	$ 2,856
Network Expenses	$ 130	$ 55,468	$ 18,992	$ 32,131	$ 7,242	$ 10,814	$ 1,017
Direct expense	$ 496	$ 262,956	$ 72,333	$ 122,373	$ 27,582	$ 41,184	$ 3,873
Investment	$ 2,361	$ 1,292,108	$ 344,298	$ 582,483	$ 131,290	$ 196,034	$ 18,434
Support, Overhead and direct per line	10501.49619	37988.38448	13553.40159	29703.92243	5987.695194	8289.88078	1135.610711
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 10,998	$ 300,944	$ 85,886	$ 152,077	$ 33,570	$ 49,474	$ 5,008
with carrier-to-carrier	$ 11,005	$ 309,600	$ 91,216	$ 166,338	$ 37,408	$ 56,026	$ 5,705
Concentrator (all)							
Annual Capital Cost	$ 5,260,431	$ 4,809,663	$ 354,160	$ 727,454	$ 20,340	$ 30,371	$ 2,856
Network Expenses	$ 645,110	$ 628,877	$ 57,039	$ 113,063	$ 7,242	$ 10,814	$ 1,017
Direct expense	$ 5,905,541	$ 5,438,540	$ 411,199	$ 840,517	$ 27,582	$ 41,184	$ 3,873
Investment	$ 30,808,829	$ 28,268,842	$ 2,109,073	$ 4,321,594	$ 131,290	$ 196,034	$ 18,434

Network-Related Expenses

	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
Support, Overhead and direct per line	$ 250,637	$ 906,862	$ 323,477	$ 708,939	$ 142,907	$ 197,853	$ 27,103
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 6,156,179	$ 6,345,202	$ 734,676	$ 1,549,456	$ 170,490	$ 239,038	$ 30,976
with carrier-to-carrier	$ 6,239,995	$ 6,524,221	$ 764,976	$ 1,647,408	$ 174,328	$ 245,589	$ 31,673
Feeder (DLC)							
Annual Capital Cost	$ 5,369,215	$ 3,913,759	$ 152,736	$ 271,167	$ -	$ -	$ -
Network Expenses	$ 296,838	$ 235,814	$ 11,036	$ 23,207	$ -	$ -	$ -
Direct expense	$ 5,666,103	$ 4,149,573	$ 163,772	$ 294,375	$ -	$ -	$ -
Investment	$ 37,873,815	$ 27,584,159	$ 1,077,061	$ 1,907,904	$ -	$ -	$ -
Support, Overhead and direct per line	203261.4531	735283.2484	262332.5336	574933.5454	115894.6882	160454.5851	21980.28539
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 5,869,365	$ 4,884,856	$ 426,104	$ 869,308	$ 115,895	$ 160,455	$ 21,980
with carrier-to-carrier	$ 5,949,783	$ 5,021,446	$ 438,172	$ 903,614	$ 115,895	$ 160,455	$ 21,980
Feeder (non-DLC)							
Annual Capital Cost	$ 19,626	$ 2,167,011	$ 474,920	$ 574,408	$ 136,903	$ 192,289	$ 18,036
Network Expenses	$ 4,175	$ 389,503	$ 79,839	$ 95,699	$ 25,494	$ 34,635	$ 3,568
Direct expense	$ 23,801	$ 2,556,515	$ 554,759	$ 670,107	$ 162,398	$ 226,924	$ 21,604
Investment	$ 135,920	$ 15,019,272	$ 3,291,912	$ 3,975,130	$ 943,449	$ 1,327,775	$ 123,553
Support, Overhead and direct per line	83413.15638	301740.9138	107654.3748	235937.6114	47560.13303	65846.34319	9020.131241
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 107,215	$ 2,858,256	$ 662,413	$ 906,044	$ 209,958	$ 292,770	$ 30,624
with carrier-to-carrier	$ 107,552	$ 2,942,407	$ 703,293	$ 984,138	$ 232,555	$ 328,869	$ 34,512
Feeder (all)							
Annual Capital Cost	$ 5,388,842	$ 6,080,770	$ 627,656	$ 845,575	$ 136,903	$ 192,289	$ 18,036
Network Expenses	$ 301,063	$ 625,317	$ 90,875	$ 118,906	$ 25,494	$ 34,635	$ 3,568
Direct expense	$ 5,689,905	$ 6,706,088	$ 718,531	$ 964,481	$ 162,398	$ 226,924	$ 21,604
Investment	$ 38,009,735	$ 42,603,431	$ 4,368,973	$ 5,883,035	$ 943,449	$ 1,327,775	$ 123,553
Support, Overhead and direct per line	$ 286,675	$ 1,037,024	$ 369,987	$ 810,871	$ 163,455	$ 226,301	$ 31,000
Support & Overhead per direct exp.	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total	$ 5,976,579	$ 7,743,112	$ 1,088,518	$ 1,775,352	$ 325,852	$ 453,224	$ 52,604
with carrier-to-carrier	$ 6,057,335	$ 7,963,854	$ 1,141,465	$ 1,887,752	$ 348,450	$ 489,323	$ 56,492
End Office Switching							
Annual Capital Cost	$ 1,542,276	$ 5,381,958	$ 1,849,224	$ 3,189,453	$ 646,625	$ 739,768	$ 109,044
Network Expenses	$ 675,466	$ 2,368,301	$ 821,975	$ 1,412,609	$ 287,642	$ 328,589	$ 48,506
Direct expense, w/ per-line amt	$ 2,217,741	$ 7,750,258	$ 2,671,199	$ 4,602,062	$ 934,266	$ 1,068,357	$ 157,550
Investment	$ 11,371,334	$ 39,714,925	$ 13,654,460	$ 23,562,645	$ 4,775,791	$ 5,463,641	$ 805,904
Support expenses	$ 447,731	$ 1,564,668	$ 539,278	$ 929,092	$ 188,615	$ 215,686	$ 31,807
Subtotal, with misc spt	$ 2,665,472	$ 9,314,927	$ 3,210,477	$ 5,531,154	$ 1,122,882	$ 1,284,044	$ 189,357
Total, with var overhead	$ 2,665,472	$ 9,314,927	$ 3,210,477	$ 5,531,154	$ 1,122,882	$ 1,284,044	$ 189,357
with carrier-to-carrier	$ 2,696,948	$ 9,570,039	$ 3,407,314	$ 6,067,473	$ 1,252,883	$ 1,453,997	$ 217,712
Signaling							
Annual Capital Cost	$ 251,391	$ 645,117	$ 86,531	$ 112,182	$ 17,760	$ 24,405	$ 3,156
Network Expenses	$ 82,472	$ 215,056	$ 31,438	$ 44,524	$ 7,413	$ 10,224	$ 1,327
Direct expense, w/ per-line amt	$ 333,863	$ 860,173	$ 117,969	$ 156,706	$ 25,173	$ 34,628	$ 4,483
Investment	$ 1,780,121	$ 4,579,589	$ 622,963	$ 820,268	$ 131,081	$ 180,250	$ 23,325
Support expenses	$ 67,402	$ 173,657	$ 23,816	$ 31,637	$ 5,082	$ 6,991	$ 905
Subtotal, with misc spt	$ 401,266	$ 1,033,830	$ 141,785	$ 188,343	$ 30,255	$ 41,619	$ 5,388
Total, with var overhead	$ 401,266	$ 1,033,830	$ 141,785	$ 188,343	$ 30,255	$ 41,619	$ 5,388
with carrier-to-carrier	$ 406,004	$ 1,062,144	$ 150,478	$ 206,605	$ 33,758	$ 47,128	$ 6,195
Dedicated Transport							
Annual Capital Cost	$ 2,728,981	$ 8,194,703	$ 1,952,549	$ 1,834,253	$ 195,023	$ 186,810	$ 16,428
Network Expenses	$ 147,767	$ 443,585	$ 105,790	$ 99,215	$ 10,552	$ 10,080	$ 885
Direct expense, w/ per-line amt	$ 2,876,747	$ 8,638,289	$ 2,058,339	$ 1,933,468	$ 205,575	$ 196,890	$ 17,314
Investment	$ 19,255,123	$ 57,820,654	$ 13,775,414	$ 12,942,198	$ 1,375,915	$ 1,318,131	$ 115,911
Support expenses	$ 580,775	$ 1,743,949	$ 415,550	$ 390,340	$ 41,503	$ 39,749	$ 3,495
Subtotal, with misc spt	$ 3,457,522	$ 10,382,238	$ 2,473,889	$ 2,323,808	$ 247,078	$ 236,639	$ 20,809
Total, with var overhead	$ 3,457,522	$ 10,382,238	$ 2,473,889	$ 2,323,808	$ 247,078	$ 236,639	$ 20,809
with carrier-to-carrier	$ 3,498,351	$ 10,666,581	$ 2,625,565	$ 2,649,132	$ 275,683	$ 267,961	$ 23,925
Dedicated Transport Transmission							

Network-Related Expenses	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
Annual Capital Cost	$ 206,644	$ 729,743	$ 384,635	$ 591,658	$ 136,658	$ 118,957	$ 23,651
Network Expenses	$ 24,144	$ 85,261	$ 44,940	$ 69,128	$ 15,967	$ 13,902	$ 2,763
Direct expense, w/ per-line amt	$ 230,787	$ 815,004	$ 429,574	$ 660,786	$ 152,625	$ 132,859	$ 26,415
Investment	$ 1,207,183	$ 4,263,054	$ 2,246,981	$ 3,456,383	$ 798,336	$ 695,107	$ 138,169
Support expenses	$ 46,593	$ 164,536	$ 86,725	$ 133,403	$ 30,813	$ 26,829	$ 5,333
Subtotal, with misc spt	$ 277,380	$ 979,541	$ 516,299	$ 794,189	$ 183,437	$ 159,718	$ 31,747
Total, with var overhead	$ 277,380	$ 979,541	$ 516,299	$ 794,189	$ 183,437	$ 159,718	$ 31,747
with carrier-to-carrier	$ 280,656	$ 1,006,369	$ 547,954	$ 871,196	$ 204,675	$ 180,858	$ 36,501
Direct Transport							
Annual Capital Cost	$ 2,381,876	$ 6,880,044	$ 1,133,107	$ 943,550	$ 79,630	$ 79,024	$ 6,140
Network Expenses	$ 128,967	$ 372,430	$ 61,380	$ 51,035	$ 4,309	$ 4,265	$ 331
Direct expense, w/ per-line amt	$ 2,510,844	$ 7,252,474	$ 1,194,486	$ 994,585	$ 83,939	$ 83,289	$ 6,471
Investment	$ 16,806,088	$ 48,544,483	$ 7,994,344	$ 6,657,577	$ 561,799	$ 557,586	$ 43,322
Support expenses	$ 506,904	$ 1,464,172	$ 241,150	$ 200,793	$ 16,946	$ 16,815	$ 1,306
Subtotal, with misc spt	$ 3,017,748	$ 8,716,646	$ 1,435,636	$ 1,195,378	$ 100,885	$ 100,104	$ 7,777
Total, with var overhead	$ 3,017,748	$ 8,716,646	$ 1,435,636	$ 1,195,378	$ 100,885	$ 100,104	$ 7,777
with carrier-to-carrier	$ 3,053,384	$ 8,955,373	$ 1,523,656	$ 1,311,286	$ 112,565	$ 113,354	$ 8,942
Direct Transport Transmission							
Annual Capital Cost	$ 138,870	$ 484,665	$ 201,603	$ 262,348	$ 53,883	$ 45,075	$ 8,283
Network Expenses	$ 16,225	$ 56,627	$ 23,555	$ 30,652	$ 6,296	$ 5,266	$ 968
Direct expense, w/ per-line amt	$ 155,096	$ 541,292	$ 225,157	$ 292,999	$ 60,179	$ 50,341	$ 9,250
Investment	$ 811,261	$ 2,831,346	$ 1,177,735	$ 1,532,597	$ 314,778	$ 263,321	$ 48,386
Support expenses	$ 31,312	$ 109,279	$ 45,456	$ 59,152	$ 12,149	$ 10,163	$ 1,868
Subtotal, with misc spt	$ 186,407	$ 650,571	$ 270,613	$ 352,152	$ 72,328	$ 60,505	$ 11,118
Total, with var overhead	$ 186,407	$ 650,571	$ 270,613	$ 352,152	$ 72,328	$ 60,505	$ 11,118
with carrier-to-carrier	$ 188,608	$ 668,389	$ 287,205	$ 386,298	$ 80,702	$ 68,513	$ 12,783
Common Transport							
Annual Capital Cost	$ 1,391,646	$ 3,863,621	$ 553,128	$ 414,567	$ 30,721	$ 29,492	$ 2,257
Network Expenses	$ 75,346	$ 209,145	$ 29,962	$ 22,426	$ 1,662	$ 1,592	$ 122
Direct expense, w/ per-line amt	$ 1,466,992	$ 4,072,766	$ 583,090	$ 436,992	$ 32,383	$ 31,084	$ 2,378
Investment	$ 9,819,255	$ 27,261,067	$ 3,902,447	$ 2,925,112	$ 216,742	$ 208,095	$ 15,923
Support expenses	$ 298,165	$ 822,234	$ 117,718	$ 88,223	$ 6,538	$ 6,276	$ 480
Subtotal, with misc spt	$ 1,763,157	$ 4,895,000	$ 700,807	$ 525,215	$ 38,921	$ 37,360	$ 2,859
Total, with var overhead	$ 1,763,157	$ 4,895,000	$ 700,807	$ 525,215	$ 38,921	$ 37,360	$ 2,859
with carrier-to-carrier	$ 1,783,978	$ 5,029,062	$ 743,774	$ 576,141	$ 43,427	$ 42,305	$ 3,287
Common Transport Transmission							
Annual Capital Cost	$ 72,989	$ 250,321	$ 90,040	$ 105,608	$ 20,225	$ 16,812	$ 3,044
Network Expenses	$ 8,528	$ 29,247	$ 10,520	$ 12,339	$ 2,363	$ 1,964	$ 356
Direct expense, w/ per-line amt	$ 81,517	$ 279,568	$ 100,561	$ 117,947	$ 22,588	$ 18,776	$ 3,400
Investment	$ 426,394	$ 1,462,341	$ 526,004	$ 616,948	$ 118,152	$ 98,211	$ 17,784
Support expenses	$ 16,457	$ 56,441	$ 20,302	$ 23,812	$ 4,560	$ 3,791	$ 686
Subtotal, with misc spt	$ 97,975	$ 336,009	$ 120,862	$ 141,759	$ 27,148	$ 22,566	$ 4,086
Total, with var overhead	$ 97,975	$ 336,009	$ 120,862	$ 141,759	$ 27,148	$ 22,566	$ 4,086
with carrier-to-carrier	$ 99,132	$ 345,211	$ 128,272	$ 155,504	$ 30,291	$ 25,553	$ 4,698
Tandem Switching							
Annual Capital Cost	$ 90,211	$ 316,472	$ 110,692	$ 230,479	$ 46,037	$ 60,961	$ 8,102
Network Expenses	$ 51,393	$ 181,133	$ 63,221	$ 133,491	$ 26,587	$ 35,736	$ 4,734
Direct expense, w/ per-line amt	$ 141,604	$ 497,605	$ 173,913	$ 363,971	$ 72,624	$ 96,698	$ 12,836
Investment	$ 671,486	$ 2,355,855	$ 823,969	$ 1,716,098	$ 342,762	$ 454,009	$ 60,332
Support expenses	$ 28,588	$ 100,459	$ 35,111	$ 73,481	$ 14,662	$ 19,522	$ 2,591
Subtotal, with misc spt	$ 170,192	$ 598,064	$ 209,023	$ 437,451	$ 87,286	$ 116,220	$ 15,427
Total, with var overhead	$ 170,192	$ 598,064	$ 209,023	$ 437,451	$ 87,286	$ 116,220	$ 15,427
with carrier-to-carrier	$ 172,202	$ 614,444	$ 221,839	$ 479,868	$ 97,392	$ 131,602	$ 17,737
Operator Systems							
Annual Capital Cost	$ 513,866	$ 1,455,527	$ 239,385	$ 267,834	$ 36,821	$ 46,393	$ 5,591
Network Expenses	$ 174,162	$ 502,380	$ 90,783	$ 117,797	$ 18,226	$ 23,771	$ 2,967
Direct expense, w/ per-line amt	$ 688,028	$ 1,957,908	$ 330,168	$ 385,631	$ 55,047	$ 70,164	$ 8,558
Investment	$ 3,596,027	$ 10,170,942	$ 1,660,103	$ 1,830,312	$ 248,404	$ 311,229	$ 37,347
Support expenses	$ 138,903	$ 395,274	$ 66,656	$ 77,853	$ 11,113	$ 14,165	$ 1,728
Subtotal, with misc spt	$ 826,931	$ 2,353,182	$ 396,824	$ 463,484	$ 66,160	$ 84,330	$ 10,286

Network-Related Expenses	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
Total, with var overhead	$ 826,931	$ 2,353,182	$ 396,824	$ 463,484	$ 66,160	$ 84,330	$ 10,286
with carrier-to-carrier	$ 836,696	$ 2,417,629	$ 421,154	$ 508,425	$ 73,820	$ 95,491	$ 11,826
Public Telephone							
Annual Capital Cost	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Network Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Direct expense, w/ per-line amt	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Investment	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Support expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Subtotal, with misc spt	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total, with var overhead	$ -	$ -	$ -	$ -	$ -	$ -	$ -
with carrier-to-carrier	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Totals							
Annual Capital Cost	$ 44,276,219	$ 69,555,623	$ 11,049,648	$ 14,940,524	$ 2,463,426	$ 3,005,650	$ 363,866
Network Expenses	$ 9,881,491	$ 14,916,322	$ 2,412,834	$ 3,715,550	$ 686,212	$ 808,620	$ 97,974
Total	$ 54,157,711	$ 84,471,945	$ 13,462,482	$ 18,656,074	$ 3,149,638	$ 3,814,271	$ 461,840
Investment	$ 292,955,196	$ 470,243,086	$ 75,863,168	$ 102,274,850	$ 16,942,835	$ 20,849,376	$ 2,535,921
Supporting Network Expenses							
Capital Cost - Genl Support	$ 5,250,853	$ 8,428,516	$ 1,359,752	$ 1,833,148	$ 303,679	$ 373,699	$ 45,453
Network Operations	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0
Network Support	$ 149,291	$ 232,856	$ 37,111	$ 51,427	$ 8,682	$ 10,514	$ 1,273
Other Taxes	$ 3,249,446	$ 5,080,846	$ 810,613	$ 1,120,640	$ 188,888	$ 229,060	$ 27,746
Misc Expenses	$ 2,181,617	$ 3,402,756	$ 542,305	$ 751,517	$ 126,876	$ 153,649	$ 18,604
Subtotal	$ 10,831,208	$ 17,144,973	$ 2,749,781	$ 3,756,732	$ 628,125	$ 766,922	$ 93,076
Carrier-carrier customer svc	$ 768,650	$ 2,780,533	$ 992,032	$ 2,174,158	$ 438,265	$ 606,772	$ 83,120
Interoffice/Switching Net Ops	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interoffice/Sw Exp	$ 10,015,192	$ 30,707,428	$ 7,554,288	$ 9,559,516	$ 1,589,352	$ 1,712,954	$ 240,097
Total Network Costs	$ 64,988,919	$ 101,616,918	$ 16,212,263	$ 22,412,806	$ 3,777,763	$ 4,581,192	$ 554,916
Other costs							
Other Taxes	$ 3,249,446	$ 5,080,846	$ 810,613	$ 1,120,640	$ 188,888	$ 229,060	$ 27,746
Monthly Cost Factors							
Loop	0.01763	0.02142	0.03388	0.04133	0.03558	0.03499	0.03932
Port	0.00539	0.00551	0.00556	0.00705	0.00688	0.00838	0.00747
Switching	0.00765	0.00781	0.00788	0.01000	0.00975	0.01189	0.01060
Signaling	0.00382	0.00530	0.01353	0.02249	0.02783	0.02822	0.02867
Transport	0.00253	0.00306	0.00505	0.01127	0.01784	0.02580	0.02773
Billing/Bill Inquiries (per line)	-	-	-	-	-	-	-
Directory Listing (per line)	-	-	-	-	-	-	-
LNP Expense (per line)	-	-	-	-	-	-	-
Inverse Carrier to Carrier Expense Factors	98.8329%	97.3343%	94.2231%	91.1608%	89.6238%	88.3113%	86.9758%

Network-Related Expenses

	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals		
NID					
Annual Capital Cost	$ -	$ -	$ 1,367,156	1,367,156	
Network Expenses	$ -	$ -	$ 201,234	201,234	
Direct expense	$ -	$ -	$ 1,568,390	1,568,390	
Investment	$ -	$ -	$ 8,824,577	8,824,577	
Support, Overhead and direct per line	$ -	$ -	$ 26,400,312	26,400,312	
Support & Overhead per direct exp.	$ -	$ -	$ -	-	
Total	$ -	$ -	$ 27,968,702	27,968,702	
with carrier-to-carrier	$ -	$ -	$ 28,080,715	28,080,715	
				-	
Distribution (DLC)				-	
Annual Capital Cost	$ -	$ -	$ 47,454,104	47,454,104	
Network Expenses	$ -	$ -	$ 14,606,668	14,606,668	
Direct expense	$ -	$ -	$ 62,060,772	62,060,772	
Investment	$ -	$ -	$ 310,884,829	310,884,829	
Support, Overhead and direct per line	$ -	$ -	$ 12,529,197	12,529,197	
Support & Overhead per direct exp.	$ -	$ -	$ -	-	
Total	$ -	$ -	$ 74,589,969	74,589,969	
with carrier-to-carrier	$ -	$ -	$ 76,193,523	76,193,523	
				-	
Distribution (non-DLC)				-	
Annual Capital Cost	$ -	$ -	$ 17,467,798	17,467,798	
Network Expenses	$ -	$ -	$ 5,044,303	5,044,303	
Direct expense	$ -	$ -	$ 22,512,101	22,512,101	
Investment	$ -	$ -	$ 115,908,154	115,908,154	
Support, Overhead and direct per line	0	0	$ 4,544,877	4,544,877	
Support & Overhead per direct exp.	$ -	$ -	$ -	-	
Total	$ -	$ -	$ 27,056,978	27,056,978	
with carrier-to-carrier	$ -	$ -	$ 28,728,979	28,728,979	
				-	
Distribution (all)				-	
Annual Capital Cost	$ -	$ -	$ 64,921,902	64,921,902	
Network Expenses	$ -	$ -	$ 19,650,971	19,650,971	
Direct expense	$ -	$ -	$ 84,572,873	84,572,873	
Investment	$ -	$ -	$ 426,792,983	426,792,983	
Support, Overhead and direct per line	$ -	$ -	$ 17,074,074	17,074,074	
Support & Overhead per direct exp.	$ -	$ -	$ -	-	
Total	$ -	$ -	$ 101,646,947	101,646,947	
with carrier-to-carrier	$ -	$ -	$ 104,922,502	104,922,502	
				-	
Concentrator (DLC)				-	
Annual Capital Cost	$ -	$ -	$ 10,800,273	10,800,273	
Network Expenses	$ -	$ -	$ 1,337,367	1,337,367	
Direct expense	$ -	$ -	$ 12,137,640	12,137,640	
Investment	$ -	$ -	$ 63,287,087	63,287,087	
Support, Overhead and direct per line	0	0	$ 2,450,419	2,450,419	
Support & Overhead per direct exp.	$ -	$ -	$ -	-	
Total	$ -	$ -	$ 14,588,059	14,588,059	
with carrier-to-carrier	$ -	$ -	$ 14,950,893	14,950,893	
				-	
Concentrator (non-DLC)				-	
Annual Capital Cost	$ -	$ -	$ 405,002	405,002	
Network Expenses	$ -	$ -	$ 125,794	125,794	
Direct expense	$ -	$ -	$ 530,797	530,797	
Investment	$ -	$ -	$ 2,567,008	2,567,008	
Support, Overhead and direct per line	0	0	$ 107,160	107,160	
Support & Overhead per direct exp.	$ -	$ -	$ -	-	
Total	$ -	$ -	$ 637,957	637,957	
with carrier-to-carrier	$ -	$ -	$ 677,298	677,298	
				-	
Concentrator (all)				-	
Annual Capital Cost	$ -	$ -	$ 11,205,276	11,205,276	
Network Expenses	$ -	$ -	$ 1,463,161	1,463,161	
Direct expense	$ -	$ -	$ 12,668,437	12,668,437	
Investment	$ -	$ -	$ 65,854,095	65,854,095	

Network-Related Expenses	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals		
Support, Overhead and direct per line	$ -	$ -	$ 2,557,579	2,557,579	-
Support & Overhead per direct exp.	$ -	$ -	$ -	-	-
Total	$ -	$ -	$ 15,226,016	15,226,016	-
with carrier-to-carrier	$ -	$ -	$ 15,628,191	15,628,191	-
				-	-
Feeder (DLC)				-	-
Annual Capital Cost	$ -	$ -	$ 9,706,877	9,706,877	-
Network Expenses	$ -	$ -	$ 566,945	566,945	-
Direct expense	$ -	$ -	$ 10,273,823	10,273,823	-
Investment	$ -	$ -	$ 68,442,940	68,442,940	-
Support, Overhead and direct per line	0	0	$ 2,074,140	2,074,140	-
Support & Overhead per direct exp.	$ -	$ -	$ -	-	-
Total	$ -	$ -	$ 12,347,963	12,347,963	-
with carrier-to-carrier	$ -	$ -	$ 12,611,345	12,611,345	-
				-	-
Feeder (non-DLC)				-	-
Annual Capital Cost	$ -	$ -	$ 3,583,193	3,583,193	-
Network Expenses	$ -	$ -	$ 632,913	632,913	-
Direct expense	$ -	$ -	$ 4,216,107	4,216,107	-
Investment	$ -	$ -	$ 24,817,011	24,817,011	-
Support, Overhead and direct per line	0	0	$ 851,173	851,173	-
Support & Overhead per direct exp.	$ -	$ -	$ -	-	-
Total	$ -	$ -	$ 5,067,279	5,067,279	-
with carrier-to-carrier	$ -	$ -	$ 5,333,326	5,333,326	-
				-	-
Feeder (all)				-	-
Annual Capital Cost	$ -	$ -	$ 13,290,071	13,290,071	-
Network Expenses	$ -	$ -	$ 1,199,858	1,199,858	-
Direct expense	$ -	$ -	$ 14,489,929	14,489,929	-
Investment	$ -	$ -	$ 93,259,951	93,259,951	-
Support, Overhead and direct per line	$ -	$ -	$ 2,925,313	2,925,313	-
Support & Overhead per direct exp.	$ -	$ -	$ -	-	-
Total	$ -	$ -	$ 17,415,242	17,415,242	-
with carrier-to-carrier	$ -	$ -	$ 17,944,671	17,944,671	-
				-	-
End Office Switching				-	-
Annual Capital Cost	$ -	$ -	$ 13,458,348	13,458,348	-
Network Expenses	$ -	$ -	$ 5,943,087	5,943,087	-
Direct expense, w/ per-line amt	$ -	$ -	$ 19,401,435	19,401,435	-
Investment	$ -	$ -	$ 99,348,700	99,348,700	-
Support expenses	$ -	$ -	$ 3,916,877	3,916,877	-
Subtotal, with misc spt	$ -	$ -	$ 23,318,312	23,318,312	-
Total, with var overhead	$ -	$ -	$ 23,318,312	23,318,312	-
with carrier-to-carrier	$ -	$ -	$ 24,666,366	24,666,366	-
				-	-
Signaling				-	-
Annual Capital Cost	$ -	$ -	$ 1,140,541	1,140,541	-
Network Expenses	$ -	$ -	$ 392,454	392,454	-
Direct expense, w/ per-line amt	$ -	$ -	$ 1,532,995	1,532,995	-
Investment	$ -	$ -	$ 8,137,596	8,137,596	-
Support expenses	$ -	$ -	$ 309,490	309,490	-
Subtotal, with misc spt	$ -	$ -	$ 1,842,485	1,842,485	-
Total, with var overhead	$ -	$ -	$ 1,842,485	1,842,485	-
with carrier-to-carrier	$ -	$ -	$ 1,912,311	1,912,311	-
				-	-
Dedicated Transport				-	-
Annual Capital Cost	$ -	$ -	$ 15,108,747	15,108,747	-
Network Expenses	$ -	$ -	$ 817,875	817,875	-
Direct expense, w/ per-line amt	$ -	$ -	$ 15,926,622	15,926,622	-
Investment	$ -	$ -	$ 106,603,347	106,603,347	-
Support expenses	$ -	$ -	$ 3,215,361	3,215,361	-
Subtotal, with misc spt	$ -	$ -	$ 19,141,984	19,141,984	-
Total, with var overhead	$ -	$ -	$ 19,141,984	19,141,984	-
with carrier-to-carrier	$ -	$ -	$ 19,907,199	19,907,199	-
				-	-
Dedicated Transport Transmission				-	-

Network-Related Expenses

	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals		
Annual Capital Cost	$ -	$ -	$ 2,191,975	2,191,975	-
Network Expenses	$ -	$ -	$ 256,104	256,104	-
Direct expense, w/ per-line amt	$ -	$ -	$ 2,448,079	2,448,079	-
Investment	$ -	$ -	$ 12,805,212	12,805,212	-
Support expenses	$ -	$ -	$ 494,233	494,233	-
Subtotal, with misc spt	$ -	$ -	$ 2,942,312	2,942,312	-
Total, with var overhead	$ -	$ -	$ 2,942,312	2,942,312	-
with carrier-to-carrier	$ -	$ -	$ 3,128,208	3,128,208	-
				-	-
Direct Transport				-	-
Annual Capital Cost	$ -	$ -	$ 11,503,371	11,503,371	-
Network Expenses	$ -	$ -	$ 622,717	622,717	-
Direct expense, w/ per-line amt	$ -	$ -	$ 12,126,088	12,126,088	-
Investment	$ -	$ -	$ 81,165,200	81,165,200	-
Support expenses	$ -	$ -	$ 2,448,087	2,448,087	-
Subtotal, with misc spt	$ -	$ -	$ 14,574,175	14,574,175	-
Total, with var overhead	$ -	$ -	$ 14,574,175	14,574,175	-
with carrier-to-carrier	$ -	$ -	$ 15,078,560	15,078,560	-
				-	-
Direct Transport Transmission				-	-
Annual Capital Cost	$ -	$ -	$ 1,194,726	1,194,726	-
Network Expenses	$ -	$ -	$ 139,588	139,588	-
Direct expense, w/ per-line amt	$ -	$ -	$ 1,334,315	1,334,315	-
Investment	$ -	$ -	$ 6,979,424	6,979,424	-
Support expenses	$ -	$ -	$ 269,379	269,379	-
Subtotal, with misc spt	$ -	$ -	$ 1,603,694	1,603,694	-
Total, with var overhead	$ -	$ -	$ 1,603,694	1,603,694	-
with carrier-to-carrier	$ -	$ -	$ 1,692,497	1,692,497	-
				-	-
Common Transport				-	-
Annual Capital Cost	$ -	$ -	$ 6,285,432	6,285,432	-
Network Expenses	$ -	$ -	$ 340,255	340,255	-
Direct expense, w/ per-line amt	$ -	$ -	$ 6,625,686	6,625,686	-
Investment	$ -	$ -	$ 44,348,640	44,348,640	-
Support expenses	$ -	$ -	$ 1,337,633	1,337,633	-
Subtotal, with misc spt	$ -	$ -	$ 7,963,319	7,963,319	-
Total, with var overhead	$ -	$ -	$ 7,963,319	7,963,319	-
with carrier-to-carrier	$ -	$ -	$ 8,221,974	8,221,974	-
				-	-
Common Transport Transmission				-	-
Annual Capital Cost	$ -	$ -	$ 559,040	559,040	-
Network Expenses	$ -	$ -	$ 65,317	65,317	-
Direct expense, w/ per-line amt	$ -	$ -	$ 624,357	624,357	-
Investment	$ -	$ -	$ 3,265,834	3,265,834	-
Support expenses	$ -	$ -	$ 126,049	126,049	-
Subtotal, with misc spt	$ -	$ -	$ 750,406	750,406	-
Total, with var overhead	$ -	$ -	$ 750,406	750,406	-
with carrier-to-carrier	$ -	$ -	$ 788,662	788,662	-
				-	-
Tandem Switching				-	-
Annual Capital Cost	$ -	$ -	$ 862,954	862,954	-
Network Expenses	$ -	$ -	$ 496,296	496,296	-
Direct expense, w/ per-line amt	$ -	$ -	$ 1,359,250	1,359,250	-
Investment	$ -	$ -	$ 6,424,511	6,424,511	-
Support expenses	$ -	$ -	$ 274,413	274,413	-
Subtotal, with misc spt	$ -	$ -	$ 1,633,663	1,633,663	-
Total, with var overhead	$ -	$ -	$ 1,633,663	1,633,663	-
with carrier-to-carrier	$ -	$ -	$ 1,735,083	1,735,083	-
				-	-
Operator Systems				-	-
Annual Capital Cost	$ -	$ -	$ 2,565,418	2,565,418	-
Network Expenses	$ -	$ -	$ 930,086	930,086	-
Direct expense, w/ per-line amt	$ -	$ -	$ 3,495,504	3,495,504	-
Investment	$ -	$ -	$ 17,854,363	17,854,363	-
Support expenses	$ -	$ -	$ 705,693	705,693	-
Subtotal, with misc spt	$ -	$ -	$ 4,201,197	4,201,197	-

Network-Related Expenses

	5000-10000 lines/sq mi	>10000 lines/sq mi	Totals		
Total, with var overhead	$ -	$ -	$ 4,201,197	4,201,197	-
with carrier-to-carrier	$ -	$ -	$ 4,365,042	4,365,042	-
				-	-
Public Telephone				-	-
Annual Capital Cost	$ -	$ -	$ -	-	-
Network Expenses	$ -	$ -	$ -	-	-
Direct expense, w/ per-line amt	$ -	$ -	$ -	-	-
Investment	$ -	$ -	$ -	-	-
Support expenses	$ -	$ -	$ -	-	-
Subtotal, with misc spt	$ -	$ -	$ -	-	-
Total, with var overhead	$ -	$ -	$ -	-	-
with carrier-to-carrier	$ -	$ -	$ -	-	-
				-	-
Totals				-	-
Annual Capital Cost	$ -	$ -	$ 145,654,957	145,654,957	-
Network Expenses	$ -	$ -	$ 32,519,003	32,519,003	-
Total	$ -	$ -	$ 178,173,960	178,173,960	-
Investment	$ -	$ -	$ 981,664,432	981,664,432	-
				-	-
Supporting Network Expenses				-	-
Capital Cost - Genl Support	$ -	$ -	$ 17,595,100	17,595,100	-
Network Operations	$ -	$ -	$ 0	0	-
Network Support	$ -	$ -	$ 491,155	491,155	-
				-	-
Other Taxes	$ -	$ -	$ 10,707,239	10,707,239	-
Misc Expenses	$ -	$ -	$ 7,177,324	7,177,324	-
Subtotal	$ -	$ -	$ 35,970,818	35,970,818	-
Carrier-carrier customer svc	$ -	$ -	$ 7,843,529	7,843,529	-
Interoffice/Switching Net Ops	$ -	$ -	$ -	-	-
Interoffice/Sw Exp	$ -	$ -	$ 61,378,827	61,378,827	-
				-	-
Total Network Costs	$ -	$ -	$ 214,144,777	214,144,777	-
				-	-
Other costs				-	-
Other Taxes	$ -	$ -	$ 10,707,239	10,707,239	-
				-	-
Monthly Cost Factors				-	-
Loop	-	-	0.02291	0	-
Port	-	-	0.00611	0	-
Switching	-	-	0.00866	0	-
Signaling	-	-	0.00828	0	-
Transport	-	-	0.00470	0	-
Billing/Bill Inquiries (per line)	-	-	-	-	-
Directory Listing (per line)	-	-	-	-	-
LNP Expense (per line)	-	-	-	-	-
Inverse Carrier to Carrier Expense Factors	0.0000%	0.0000%	96.6550%		

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	$ 204,456	100%	0%	$ 204,456	$ -
Furniture - Expenses	$ 132,251	100%	0%	$ 132,251	$ -
Office Equipment - Capital Costs	$ 598,303	100%	0%	$ 598,303	$ -
Office Equipment - Expenses	$ 323,308	100%	0%	$ 323,308	$ -
General Purpose Computer - Capital Costs	$ 7,096,364	100%	0%	$ 7,096,364	$ -
General Purpose Computer - Expenses	$ 2,733,720	100%	0%	$ 2,733,720	$ -
Motor Vehicles - Capital Costs	$ 639,617	100%	0%	$ 639,617	$ -
Motor Vehicles - Expenses	$ 143,704	100%	0%	$ 143,704	$ -
Buildings - Capital Costs	$ 2,031,420	100%	0%	$ 2,031,420	$ -
Buildings - Expenses	$ 1,374,734	100%	0%	$ 1,374,734	$ -
Garage Work Eqpt. - Capital Costs	$ 6,497	100%	0%	$ 6,497	$ -
Garage Work Eqpt. - Expenses	$ 1,606	100%	0%	$ 1,606	$ -
Other Work Eqpt. - Capital Costs	$ 611,950	100%	0%	$ 611,950	$ -
Other Work Eqpt. - Expenses	$ 167,013	100%	0%	$ 167,013	$ -
Total General Support	$ 16,064,941			$ 16,064,941	$ -
Network Operations	$ 0	100%	0%	$ 0	$ -
Other Taxes	$ 6,808,662	100%	0%	$ 6,808,662	$ -
Variable Overhead	$ -	100%	0%	$ -	$ -
Totals	$ 22,873,602			$ 22,873,602	$ -

	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	$ 43,454,491	$ 51,806,609	$ 5,578,027	$ 8,710,926	$ 1,505,238	$ 2,031,152	$ 213,185	$ -	$ -	$ 113,299,629
Non-Loop-related direct costs	$ 10,703,220	$ 32,665,336	$ 7,884,456	$ 9,945,147	$ 1,644,399	$ 1,783,118	$ 248,655	$ -	$ -	$ 64,874,331
Total	$ 54,157,711	$ 84,471,945	$ 13,462,482	$ 18,656,074	$ 3,149,638	$ 3,814,271	$ 461,840	$ -	$ -	$ 178,173,960
Loop Fraction	80.24%	61.33%	41.43%	46.69%	47.79%	53.25%	46.16%	0.00%	0.00%	63.59%
Network Operations	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ -	$ -	$ 0

	Total Annual Amount	Amount Assigned to Loops	Amount Assigned to Other UNEs
General Support - Totals			
Furniture - Capital Costs	$ 321,525	$ 204,456	$ 117,070
Furniture - Expenses	$ 207,977	$ 132,251	$ 75,726
Office Equipment - Capital Costs	$ 940,886	$ 598,303	$ 342,583
Office Equipment - Expenses	$ 508,430	$ 323,308	$ 185,123
General Purpose Computer - Capital Costs	$ 11,159,678	$ 7,096,364	$ 4,063,313
General Purpose Computer - Expenses	$ 4,299,023	$ 2,733,720	$ 1,565,303
Motor Vehicles - Capital Costs	$ 1,005,856	$ 639,617	$ 366,239
Motor Vehicles - Expenses	$ 225,987	$ 143,704	$ 82,283

$ 17,595,100
$ 7,668,479

Buildings - Capital Costs	$ 3,194,592	$ 2,031,420	$ 1,163,172	
Buildings - Expenses	$ 2,161,893	$ 1,374,734	$ 787,160	
Garage Work Eqpt. - Capital Costs	$ 10,216	$ 6,497	$ 3,720	
Garage Work Eqpt. - Expenses	$ 2,525	$ 1,606	$ 919	
Other Work Eqpt - Capital Costs	$ 962,347	$ 611,950	$ 350,397	
Other Work Eqpt. - Expenses	$ 262,643	$ 167,013	$ 95,630	
Total General Support	$ 25,263,579	$ 16,064,941	$ 9,198,638	
Network Operations	$ 0	$ 0	$ 0	
Other Taxes Calculation				
Total Direct Costs	$ 178,173,960	$ 113,299,629	$ 64,874,331	$ 178,173,960
Total Network Operations	$ 0	$ 0	$ 0	$ 0
Total General Support	$ 25,263,579	$ 16,064,941	$ 9,198,638	$ 18,375,718
Total	$ 203,437,538	$ 129,364,570	$ 74,072,969	
Other Taxes	$ 10,707,239	$ 6,808,662	$ 3,898,577	$ 29,082,957
Total Expenses and Other Taxes	$ 214,144,777	$ 136,173,231	$ 77,971,546	
Variable Overhead Calculation				
Variable Overhead	$ -	$ -	$ -	
Total Cost with Variable Overhead	214,144,777	136,173,231	77,971,546	

UNE Expense Asssignment		**Totals**
NID		
	per line cost	$ 316,636
	per direct cost	$ -
	total	$ 316,636
Distribution (DLC)		
	per line cost	$ 12,529,197
	per direct cost	$ -
	total	$ 12,529,197
Distribution (non-DLC)		
	per line cost	$ 4,544,877
	per direct cost	$ -
	total	$ 4,544,877
Concentrator (DLC)		
	per line cost	$ 2,450,419
	per direct cost	$ -
	total	$ 2,450,419
Concentrator (non-DLC)		
	per line cost	$ 107,160
	per direct cost	$ -
	total	$ 107,160
Feeder (DLC)		
	per line cost	$ 2,074,140
	per direct cost	$ -
	total	$ 2,074,140
Feeder (non-DLC)		
	per line cost	$ 851,173
	per direct cost	$ -
	total	$ 851,173

End Office Switching	$	23,318,312
Signaling	$	1,842,485
Dedicated Transport	$	19,141,984
Dedicated Transport Transmission	$	2,942,312
Direct Transport	$	14,574,175
Direct Transport Transmission	$	1,603,694
Common Transport	$	7,963,319
Common Transport Transmission	$	750,406
Tandem Switching	$	1,633,663
Operator Systems	$	4,201,197
Public Telephone	$	-

Use this sheet to enter per-loop expense amounts for each expense category. An amount may be entered for any blue input field. Any amount entered in the general support, network operations, other taxes, or variable overhead categories will be assigned to the "NID" network element on a per-line basis, ensuring that all loops receive the same amount. Please note that all blue input fields are per-loop, annual amounts. The total annual amount in each density zone is calculated by the worksheet

Per-Loop Expense Amounts

	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										
Furniture - Capital Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Furniture - Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Office Equipment - Capital Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Office Equipment - Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Purpose Computer - Capital Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
General Purpose Computer - Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Motor Vehicles - Capital Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Motor Vehicles - Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Buildings - Capital Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Buildings - Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Garage Work Eqpt. - Capital Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Garage Work Eqpt. - Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other Work Eqpt. - Capital Costs	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other Work Eqpt. - Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total General Support	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Network Operations	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Other Taxes	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Variable Overhead	94.21149	94.21149	94.21149	94.21149	94.21149	94.21149	94.21149	94.21149	94.21149	$ 848
Totals	$ 94	$ 94	$ 94	$ 94	$ 94	$ 94	$ 94	$ 94	$ 94	$ 848

Use this sheet to enter per-loop expense amounts for each expense category. An amount may be entered for any blue input field. Any amount entered in the general support, network operations, other taxes, or variable overhead categories will be assigned to the "NID" network element on a per-line basis, ensuring that all loops receive the same amount. Please note that all blue input fields are per-loop, annual amounts. The total annual amount in each density zone is calculated by the worksheet.

Per-Loop Expense Amounts

	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										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ 2,556,146	$ 9,246,669	$ 3,299,004	$ 7,230,167	$ 1,457,452	$ 2,017,822	$ 276,417	$ -	$ -	$ 26,083,676
Distribution - Copper Feeder										
buried cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
aerial cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
underground cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
buried trenching										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
conduit										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
underground trenching										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
poles										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
terminal										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
drop										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

Use this sheet to enter per-loop expense amounts for each expense category. An amount may be entered for any blue input field. Any amount entered in the general support, network operations, other taxes, or variable overhead categories will be assigned to the "NID" network element on a per-line basis, ensuring that all loops receive the same amount. Please note that all blue input fields are per-loop, annual amounts. The total annual amount in each density zone is calculated by the worksheet.

Per-Loop Expense Amounts

	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
Distribution - Fiber Feeder										
buried cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
aerial cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
underground cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
buried trenching										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
conduit										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
underground trenching										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
poles										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
terminal										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
drop										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Concentrator - non-DLC										
DLC										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SAI										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Concentrator - DLC										
DLC										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SAI										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

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Per-Loop Expense Amounts

	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
Feeder - Copper										
copper u/g cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
copper buried cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
copper aerial cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber u/g cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber buried cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber aerial cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
conduit										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
manholes										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
copper u/g placement										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber u/g placement										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
copper buried placement										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber buried placement										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
poles										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

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	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
Feeder - Fiber										
copper u/g cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
copper buried cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
copper aerial cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber u/g cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber buried cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber aerial cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
conduit										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
manholes										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
copper u/g placement										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber u/g placement										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
copper buried placement										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
fiber buried placement										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
poles										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

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End Office Switching										
end office switching										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
MDF/protector										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
wire center										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
land										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Signaling										
SCP										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SCP wire center										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
STP										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
signaling links										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Dedicated Transport										
underground cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
buried cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
aerial cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
poles										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
conduit										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
manholes										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

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Dedicated Transport Transmission										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Direct Transport										
underground cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
buried cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
aerial cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
poles										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
conduit										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
manholes										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Direct Transport Transmission										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Common Transport										
underground cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
buried cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
aerial cable										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
poles										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
conduit										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
manholes										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

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Common Transport Transmission										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Tandem Switching										
tandem switching										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
wire center										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Operator Systems										
OS Tandem Switching										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
OS Tandem Wire Center										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
OS Trunks										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
OS Position										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Public Telephone										
Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	
Total Per-Loop Amount	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

COST SUMMARY

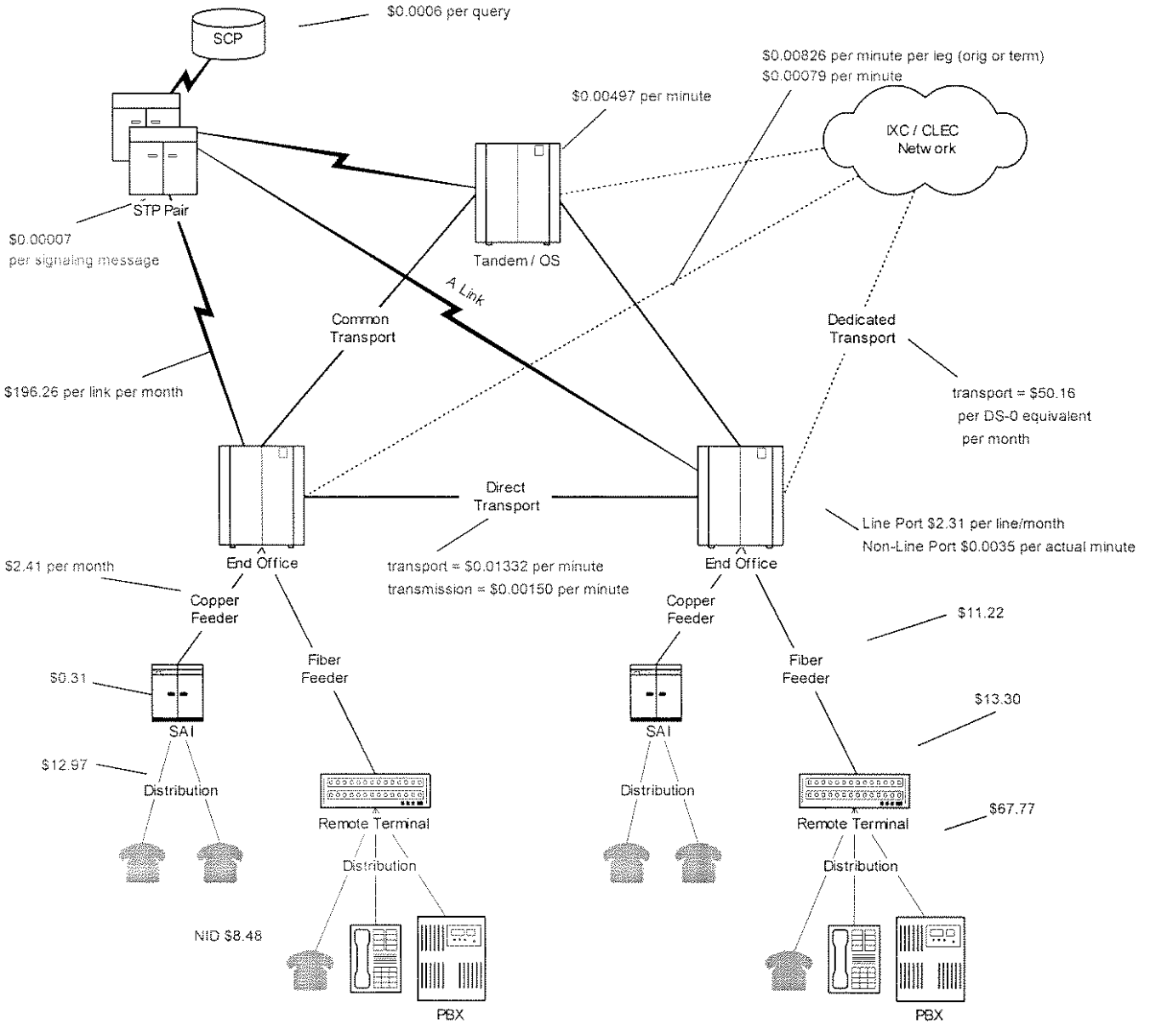
Iowa
Iowa Telecom - Combined

Network Element	Investment *	% of total invesment	1 Annual Capital Cost	2 Network Expenses	1 + 2 Direct Expense	3 Support & Overhead Expense	1 + 2 + 3 Subtotal	Total (*with carrier-to-carrier*)
NID	$ 8,824,577	0.9%	$ 1,367,156	$ 201,234	$ 1,568,390	$ 26,400,312	$ 27,968,702	$ 28,080,715
Distribution (DLC)	310,884,829	31.7%	47,454,104	14,606,668	62,060,772	12,529,197	74,589,969	76,193,523
Distribution (non-DLC)	115,908,154	11.8%	17,467,798	5,044,303	22,512,101	4,544,877	27,056,978	28,728,979
Distribution (all)	426,792,983	43.5%	64,921,902	19,650,971	84,572,873	17,074,074	101,646,947	104,922,502
Concentrator (DLC)	63,287,087	6.4%	10,800,273	1,337,367	12,137,640	2,450,419	14,588,059	14,950,893
Concentrator (non-DLC)	2,567,008	0.3%	405,002	125,794	530,797	107,160	637,957	677,298
Concentrator (all)	65,854,095	6.7%	11,205,276	1,463,161	12,668,437	2,557,579	15,226,016	15,628,191
Feeder (DLC)	68,442,940	7.0%	9,706,877	566,945	10,273,823	2,074,140	12,347,963	12,611,345
Feeder (non-DLC)	24,817,011	2.5%	3,583,193	632,913	4,216,107	851,173	5,067,279	5,333,326
Feeder (all)	93,259,951	9.5%	13,290,071	1,199,858	14,489,929	2,925,313	17,415,242	17,944,671
End Office Switching	99,348,700	10.1%	13,458,348	5,943,087	19,401,435	3,916,877	23,318,312	24,666,366
Signaling	8,137,596	0.8%	1,140,541	392,454	1,532,995	309,490	1,842,485	1,912,311
Dedicated Transport	106,603,347	10.9%	15,108,747	817,875	15,926,622	3,215,361	19,141,984	19,907,199
Dedicated Transport Transmission	12,805,212	1.3%	2,191,975	256,104	2,448,079	494,233	2,942,312	3,128,208
Direct Transport	81,165,200	8.3%	11,503,371	622,717	12,126,088	2,448,087	14,574,175	15,078,560
Direct Transport Transmission	6,979,424	0.7%	1,194,726	139,588	1,334,315	269,379	1,603,694	1,692,497
Common Transport	44,348,640	4.5%	6,285,432	340,255	6,625,686	1,337,633	7,963,319	8,221,974
Common Transport Transmission	3,265,834	0.3%	559,040	65,317	624,357	126,049	750,406	788,662
Tandem Switching	6,424,511	0.7%	862,954	496,296	1,359,250	274,413	1,633,663	1,735,083
Operator Systems	17,854,363	1.8%	2,565,418	930,086	3,495,504	705,693	4,201,197	4,365,042
Public Telephone	-	0.0%	-	-	-	-	-	-

							Total Network Cost	
Total	$ 981,664,432	100%	$ 145,654,957	$ 32,519,003	$ 178,173,960	$ 62,054,493	$ 240,228,453	$ 248,071,982

* Post sharing

Iowa / IOWA TELECOM - COMBINED



USOA Detail Breakdown of HAI Model Costs

IOWA TELECOM - COMBINED

Iowa

USOA	INVESTMENT DESCRIPTION	Cost
		$(000)
	Telecommunications Plant in Service	
2111	LAND	2,418
2112	MOTOR VEHICLES	5,542
2113	AIRCRAFT	
2114	SPECIAL PURPOSE VEHICLES	
2115	GARAGE WORK EQUIPMENT	62
2116	OTHER WORK EQUIPMENT	6,441
2121	BUILDINGS	44,934
2122	FURNITURE	2,296
2123.1	OFFICE SUPPORT EQUIPMENT	5,612
2123.2	COMPANY COMMUNICATIONS EQUIPMENT	
2124	GENERAL PURPOSE COMPUTERS	47,451
2110	*TOTAL LAND & SUPPORT ASSETS*	*114,756*
2212	DIGITAL ELECTRONIC SWITCHING	86,183
2220	OPERATOR SYSTEMS	1,789
2232	CIRCUIT EQUIPMENT	68,134
2351	PUBLIC TEL TERMINAL EQUIPMENT	0
2411	POLES	69,307
2421.1	AERIAL CABLE - METALLIC	113,881
2421.2	AERIAL CABLE - NonMETALLIC	50,352
2422.1	UNDERGROUND CABLE - METALLIC	10,293
2422.2	UNDERGROUND CABLE - NonMETALLIC	116,361
2423.1	BURIED CABLE - METALLIC	266,191
2423.2	BURIED CABLE - NonMETALLIC	127,639
2426.1	INTRABUILDING NETWORK CABLE - MET.	
2426.2	INTRABUILDING NETWORK CABLE - NonMET.	
2441	CONDUIT SYSTEMS	28,045
2410	*TOTAL CABLE & WIRE FACILITIES*	*782,069*
	Total TPIS (before amortizable assets)*	**1,072,930**

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

USOA	EXPENSE DESCRIPTION	Cost
		$(000)
	Plant Specific Expenses	
6112	MOTOR VEHICLES	226
6113	AIRCRAFT	0
6114	SPECIAL PURPOSE VEHICLES	0
6115	GARAGE WORK EQUIPMENT	3
6116	OTHER WORK EQUIPMENT	263
6110	*NETWORK SUPPORT*	*491*
6121	LAND & BUILDINGS	1,910
6122	FURNITURE	99
6123	OFFICE EQUIPMENT	243
6124	GENERAL PURPOSE COMPUTERS	2,052
6120	*LAND & SUPPORT ASSETS*	*4,304*
6212	DIGITAL ELECTRONIC SWITCHING	4,809
6220	OPERATOR SYSTEMS	136
6232	CIRCUIT EQUIPMENT	1,846
6351	PUBLIC TEL TERMINAL EQUIPMENT	0
6411	POLES	1,570
6421	AERIAL CABLE	8,158
6422	UNDERGROUND CABLE	1,486
6423	BURIED CABLE	12,424
6426	INTRABUILDING NETWORK CABLE	
6441	CONDUIT SYSTEMS	181
6410	*TOTAL CABLE & WIRE FACILITIES*	*23,818*
	Total Plant Specific Expenses	**35,405**
	Plant Nonspecific Operations	
	TOTAL NETWORK OPERATIONS SUPPORT	0
6561	DEPRECIATION TPIS	162,831
6623	CUSTOMER SERVICES	7,844
	Total Plant Nonspecific Operations	**170,675**
	TOTAL CORPORATE OPERATIONS	-
	TOTAL OPERATING EXPENSES	**206,080**
7240	OPERATING OTHER TAXES	10,707
	TOTAL EXPENSES & OPERATING TAXES	**216,787**

USOA	Depreciation Calculations		
	DepLife	DepFact	Dep Exp
2111			
2112	9.19	0.18148	1,006
2113			
2114			
2115	11.57	0.16498	10
2116	13.26	0.14940	962
2121	47.71	0.13388	6,016
2122	16.59	0.14006	322
2123.1	11.24	0.16766	941
2123.2	7.59	0.20537	-
2124	6.26	0.23519	11,160
2110			
2212	16.43	0.13504	11,638
2220	9.37	0.17948	321
2232	10.18	0.17118	15,087
2351	8.01	0.19833	-
2411	15.92	0.16102	11,160
2421.1	16.75	0.15745	17,931
2421.2	22.24	0.14352	7,227
2422.1	21.19	0.14576	1,500
2422.2	23.08	0.14243	16,574
2423.1	19.90	0.14825	39,464
2423.2	24.24	0.14045	17,927
2426.1	15.71	0.15652	-
2426.2	23.64	0.13746	-
2441	51.11	0.12794	3,588
	Total Depreciation		*162,831*

Network Element Disaggregations

Investment Disaggregations:

Terminal, Drop, and NID	*40,046,582*
Aerial-m portion	12,300,934
Buried-m portion	27,745,647

OS Trks + Signaling links	*20,303,427*
Circuit Eqpt. portion	3,383,905
Pole portion	490,630
Aerial-nm portion	1,712,626
Underground-nm portion	7,388,699
Buried-nm portion	6,659,348
Conduit portion	668,221

SAI	*4,154,461*
Aerial-m portion	37,895
Aerial-nm portion	1,376,891
Underground-m portion	105,044
Underground-nm portion	416,584
Buried-m portion	596,005
Buried-nm portion	1,622,041

Expense Disaggregations:

Terminal, Drop, and NID	*1,596,882*
Aerial portion	868,475
Buried portion	728,407

OS Trks + Signaling links	*907,579*
Circuit Eqpt. portion	151,263
Pole portion	62,603
Aerial-nm portion	72,842
Underground-nm portion	361,612
Buried-nm portion	236,678
Conduit portion	22,581

SAI	*229,168*
Aerial portion	78,042
Underground portion	28,774
Buried portion	122,352

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	$ 685,064	$ 1,099,628	$ 177,400	$ 239,162	$ 39,620	$ 48,755	$ 5,930	$ -	$ -	$ 2,295,548
office equipment	1,674,717	2,688,207	433,682	584,668	96,856	119,188	14,497	-	-	5,611,815
general purpose computers	14,180,537	22,730,079	3,666,988	4,943,646	818,984	1,007,794	122,578	-	-	47,450,587
motor vehicles	1,654,006	2,654,962	428,319	577,437	95,658	117,714	14,318	-	-	5,542,415
buildings	7,121,053	11,430,506	1,844,056	2,486,062	411,841	506,799	61,642	-	-	23,861,959
garage work equipment	18,481	29,664	4,786	6,452	1,069	1,315	160	-	-	61,926
orther work equipment	1,922,292	3,085,607	497,794	671,100	111,174	136,808	16,640	-	-	6,441,416
										-
TOTAL	$ 27,236,141	$ 43,718,655	$ 7,053,024	$ 9,508,526	$ 1,575,181	$ 1,938,373	$ 235,765	$ -	$ -	$ 91,265,665
Levelized Cost of Capital										
furniture	95951.83573	154019.0717	24847.52049	33498.15845	5549.299418	6828.811727	830.59197	0	0	$ 321,525
office equipment	280785.7268	450709.0109	72711.78343	98026.31382	16239.02303	19983.28483	2430.577468	0	0	940,886
general purpose computers	3339349.421	5345779.183	862421.4934	1162672.623	192608.1555	237018.1769	28828.6458	0	0	11,159,678
motor vehicles	300174.5156	481831.3259	77732.67047	104795.2174	17360.35848	21363.16869	2598.413468	0	0	1,005,856
buildings	953352.5591	1530293.558	246878.5205	332829.016	55139.40066	67849.30258	8252.546438	0	0	3,194,592
garage work equipment	3048.849746	4893.924164	789.5248272	1064.39706	176.3278419	216.984081	26.39188815	0	0	10,216
orther work equipment	287190.4334	460989.658	74370.33511	100262.2885	16609.43423	20439.10243	2486.018803	0	0	962,347
TOTAL	$ 5,250,853	$ 8,428,516	$ 1,359,752	$ 1,833,148	$ 303,679	$ 373,699	$ 45,453	$ -	$ -	$ 17,595,100

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	$ 37,212,018	$ 27,715,320	$ 577,506	$ 1,061,610	$ -	$ -	$ -	$ -	$ -	$ 66,566,454
aerial cable	48,830,913	32,604,676	480,017	845,337	-	-	-	-	-	82,960,943
underground cable	28,071	3,166,490	109,226	362,063	-	-	-	-	-	3,665,849
buried trenching	39,093,827	54,326,392	1,828,754	3,182,398	-	-	-	-	-	98,431,371
conduit	1,123	107,416	13,602	37,586	-	-	-	-	-	159,730
underground trenching	10,107	966,764	122,422	338,274	-	-	-	-	-	1,437,567
poles	25,599,355	15,948,132	305,827	499,309	-	-	-	-	-	42,352,623
terminal	2,610,428	3,153,485	241,623	554,106	-	-	-	-	-	6,559,640
drop	3,535,456	4,290,365	265,130	619,701	-	-	-	-	-	8,730,652
TOTAL	$ 156,921,298	$ 142,499,042	$ 3,964,106	$ 7,500,382	$ -	$ -	$ -	$ -	$ -	$ 310,884,829
	50.48%	45.84%	1.28%	2.41%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
buried cable	$ 5,516,843	$ 4,108,916	$ 85,618	$ 157,388	$ -	$ -	$ -	$ -	$ -	$ 9,868,765
aerial cable	7,688,644	5,165,242	75,581	133,102	-	-	-	-	-	13,062,569
underground cable	4,092	464,470	15,921	52,775	-	-	-	-	-	537,258
buried trenching	5,795,829	8,054,123	271,121	471,804	-	-	-	-	-	14,592,877
conduit	144	13,743	1,740	4,809	-	-	-	-	-	20,435
underground trenching	1,293	123,685	15,662	43,278	-	-	-	-	-	183,918
poles	4,121,886	2,567,892	49,243	80,356	-	-	-	-	-	6,819,418
terminal	404,423	488,557	37,434	86,845	-	-	-	-	-	1,016,258
drop	547,734	664,689	44,174	96,008	-	-	-	-	-	1,352,605
TOTAL	$ 24,080,888	$ 21,651,317	$ 596,493	$ 1,125,406	$ -	$ -	$ -	$ -	$ -	$ 47,454,104
Network Expenses										
buried cable	1,659,656	1,236,103	25,757	47,348	-	-	-	-	-	2,968,864
aerial cable	3,266,788	2,194,633	32,113	56,553	-	-	-	-	-	5,550,087
underground cable	589	66,916	2,294	7,603	-	-	-	-	-	77,403
buried trenching	1,743,585	2,422,957	81,562	141,935	-	-	-	-	-	4,390,039
conduit	7	623	79	218	-	-	-	-	-	926
underground trenching	59	5,607	710	1,962	-	-	-	-	-	8,338
"	560,626	349,264	6,698	10,935	-	-	-	-	-	927,522
terminal	116,688	146,963	10,801	24,769	-	-	-	-	-	293,221
drop	158,038	191,783	12,746	27,701	-	-	-	-	-	390,267
TOTAL	$ 7,506,035	$ 6,608,850	$ 172,759	$ 319,024	$ -	$ -	$ -	$ -	$ -	$ 14,606,668
Summary										
Cost of Capital	$ 24,080,888	$ 21,651,317	$ 596,493	$ 1,125,406	$ -	$ -	$ -	$ -	$ -	$ 47,454,104
Network Expense	7,506,035	6,608,850	172,759	319,024	-	-	-	-	-	14,606,668
TOTAL	$ 31,586,923	$ 28,260,167	$ 769,252	$ 1,444,430	$ -	$ -	$ -	$ -	$ -	$ 62,060,772

	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
Copper Feeder										
Distribution Investment										
buried cable	$ 96,788	$ 9,873,608	$ 2,674,981	$ 3,726,491	$ 770,762	$ 853,623	$ 54,395	$ -	$ -	$ 18,050,647
aerial cable	130,221	11,377,516	2,154,913	2,855,957	595,145	741,187	72,502	-	-	17,927,440
underground cable	-	1,072,002	471,128	1,155,753	457,333	1,304,081	228,893	-	-	4,689,191
buried trenching	104,936	19,674,616	8,179,344	11,189,068	2,714,836	2,529,599	120,174	-	-	44,512,573
conduit	-	38,677	58,187	127,757	58,704	183,087	30,733	-	-	497,145
underground trenching	-	348,096	523,680	1,149,815	528,336	1,647,785	276,598	-	-	4,474,309
poles	68,686	5,772,397	1,342,010	1,745,009	415,151	454,628	27,254	-	-	9,825,135
terminal	8,985	2,604,731	1,120,038	2,087,500	510,312	837,208	143,149	-	-	7,311,923
drop	11,734	3,730,284	1,403,511	2,270,977	506,407	636,318	60,559	-	-	8,619,790
TOTAL	$ 421,349	$ 54,491,926	$ 17,927,793	$ 26,308,326	$ 6,556,986	$ 9,187,516	$ 1,014,257	$ -	$ -	$ 115,908,154
	0.36%	47.01%	15.47%	22.70%	5.66%	7.93%	0.88%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
buried cable	$ 14,349	$ 1,463,805	$ 396,578	$ 552,468	$ 114,269	$ 126,553	$ 8,064	$ -	$ -	$ 2,676,087
aerial cable	20,504	1,791,440	339,301	449,683	93,708	116,703	11,416	-	-	2,822,755
underground cable	-	156,258	68,673	168,465	66,662	190,086	33,364	-	-	683,508
buried trenching	15,557	2,916,847	1,212,623	1,658,828	402,486	375,024	17,816	-	-	6,599,182
conduit	-	4,948	7,444	16,345	7,510	23,424	3,932	-	-	63,603
underground trenching	-	44,534	66,998	147,104	67,594	210,813	35,387	-	-	572,431
poles	11,059	929,444	216,084	280,973	66,846	73,202	4,388	-	-	1,581,997
terminal	1,392	403,540	173,523	323,408	79,061	129,705	22,178	-	-	1,132,807
drop	1,818	577,918	217,440	351,833	78,456	98,582	9,382	-	-	1,335,429
TOTAL	$ 64,680	$ 8,286,735	$ 2,698,664	$ 3,949,108	$ 976,591	$ 1,344,093	$ 145,927	$ -	$ -	$ 17,467,798
Network Expenses										
buried cable	$ 4,317	$ 440,363	$ 119,304	$ 166,201	$ 34,376	$ 38,072	$ 2,426	$ -	$ -	$ 805,059
aerial cable	8,712	761,156	144,164	191,063	39,815	49,585	4,850	-	-	1,199,346

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	-	22,512	9,894	24,271	9,604	27,386	4,807	-	-	98,473
buried trenching	$ 4,680	$ 877,488	$ 364,799	$ 499,032	$ 121,082	$ 112,820	$ 5,360	$ -	$ -	1,985,261
conduit	-	224	337	741	340	1,062	178	-	-	2,883
underground trenching	-	2,019	3,037	6,669	3,064	9,557	1,604	-	-	25,951
poles	1,504	126,415	29,390	38,216	9,092	9,956	597	-	-	215,170
terminal	402	116,434	50,067	93,313	22,811	37,424	6,399	-	-	326,849
drop	525	166,747	62,738	101,514	22,637	28,444	2,707	-	-	385,311
TOTAL	$ 20,139	$ 2,513,358	$ 783,730	$ 1,121,021	$ 262,822	$ 314,306	$ 28,928	$ -	$ -	$ 5,044,303
Summary										
Cost of Capital	$ 64,680	$ 8,288,735	$ 2,698,664	$ 3,949,108	$ 976,591	$ 1,344,093	$ 145,927	$ -	$ -	$ 17,467,798
Network Expense	20,139	2,513,358	783,730	1,121,021	262,822	314,306	28,928	-	-	5,044,303
TOTAL	$ 84,819	$ 10,802,092	$ 3,482,394	$ 5,070,129	$ 1,239,413	$ 1,658,399	$ 174,856	$ -	$ -	$ 22,512,101

	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	$ 37,308,806	$ 37,588,928	$ 3,252,487	$ 4,788,100	$ 770,762	$ 853,623	$ 54,395	$ -	$ -	$ 84,617,101
aerial cable	48,961,134	44,182,192	2,634,930	3,701,293	595,145	741,187	72,502	-	-	100,888,383
underground cable	28,071	4,258,492	580,364	1,517,816	457,333	1,304,081	226,893	-	-	8,375,040
buried trenching	39,198,763	74,001,008	10,008,098	14,371,466	2,714,936	2,529,599	120,174	-	-	142,943,944
conduit	1,123	146,095	71,789	168,343	58,704	183,087	30,733	-	-	656,875
underground trenching	10,107	1,314,859	646,102	1,488,089	528,336	1,647,785	276,598	-	-	5,911,877
poles	25,668,041	21,729,529	1,647,837	2,244,318	415,151	454,628	27,254	-	-	52,177,758
terminal	2,619,412	5,758,216	1,361,661	2,641,605	510,312	837,208	143,149	-	-	13,871,563
drop	3,547,189	8,020,649	1,688,642	2,890,678	506,407	636,318	60,559	-	-	17,350,442
TOTAL	$ 157,342,647	$ 196,990,968	$ 21,891,900	$ 33,808,709	$ 6,556,986	$ 9,187,516	$ 1,014,257	$ -	$ -	$ 426,792,983
	36.87%	46.16%	5.13%	7.92%	1.54%	2.15%	0.24%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
buried cable	$ 5,531,192	$ 5,572,721	$ 482,195	$ 709,857	$ 114,269	$ 126,553	$ 8,064	$ -	$ -	$ 12,544,852
aerial cable	7,709,148	6,956,682	414,881	582,785	93,708	116,703	11,416	-	-	15,885,323
underground cable	4,092	620,726	84,594	221,240	66,662	190,086	33,364	-	-	1,220,766
buried trenching	5,811,386	10,970,976	1,483,744	2,130,632	402,466	375,024	17,816	-	-	21,192,059
conduit	144	18,691	9,185	21,154	7,510	23,424	3,932	-	-	84,039
underground trenching	1,293	168,220	82,661	190,382	67,694	210,813	35,387	-	-	756,349
poles	4,132,946	3,497,336	265,327	361,369	66,846	73,202	4,388	-	-	8,401,415
terminal	405,815	892,097	210,957	409,253	79,061	129,705	22,178	-	-	2,149,066
drop	549,562	1,242,607	261,614	447,841	78,456	98,582	9,362	-	-	2,688,034
TOTAL	$ 24,145,567	$ 29,940,052	$ 3,295,157	$ 5,074,514	$ 976,691	$ 1,344,093	$ 145,927	$ -	$ -	$ 64,921,902
Network Expenses										
buried cable	$ 1,663,973	$ 1,676,466	$ 145,061	$ 213,549	$ 34,376	$ 38,072	$ 2,426	$ -	$ -	$ 3,773,923
aerial cable	3,275,500	2,955,789	176,277	247,617	39,815	49,585	4,850	-	-	6,749,433
underground cable	589	89,428	12,187	31,874	9,604	27,386	4,807	-	-	175,876
buried trenching	1,748,265	3,300,445	446,361	640,967	121,082	112,820	5,360	-	-	6,375,300
conduit	7	647	416	959	340	1,062	178	-	-	3,610
underground trenching	58	7,626	3,747	8,631	3,064	9,557	1,604	-	-	34,289
poles	562,130	475,680	36,088	49,151	9,092	9,956	597	-	-	1,142,693
terminal	117,090	257,397	60,867	118,082	22,811	37,424	6,399	-	-	620,070
drop	158,562	358,529	75,484	129,216	22,637	28,444	2,707	-	-	775,578
TOTAL	$ 7,526,174	$ 9,122,207	$ 956,489	$ 1,440,045	$ 262,822	$ 314,306	$ 28,928	$ -	$ -	$ 19,650,971
Summary										
Cost of Capital	$ 24,145,567	$ 29,940,052	$ 3,295,157	$ 5,074,514	$ 976,591	$ 1,344,093	$ 145,927	$ -	$ -	$ 64,921,902
Network Expense	7,526,174	9,122,207	956,489	1,440,045	262,822	314,306	28,928	-	-	19,650,971
TOTAL	$ 31,671,742	$ 39,062,260	$ 4,251,646	$ 6,514,559	$ 1,239,413	$ 1,658,399	$ 174,856	$ -	$ -	$ 84,572,873
NID Cost										
NID Investment	$ 1,049,713	$ 3,375,591	$ 1,108,805	$ 2,201,375	$ 427,361	$ 588,471	$ 73,273	$ -	$ -	$ 8,824,577
Levelized Cost of Capital	182,536	522,807	191,765	341,869	66,098	91,169	11,362	-	-	1,367,156
Network Expenses	24,676	76,756	24,869	50,319	9,638	13,476	1,502	-	-	201,234
TOTAL	$ 187,303	$ 599,722	$ 196,651	$ 391,369	$ 75,845	$ 104,646	$ 12,853	$ -	$ -	$ 1,568,390

Concentrator

	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										
Concentrator Investment										
DLC Investment	$ 29,985,969	$ 26,013,370	$ 1,686,540	$ 3,564,211	$ -	$ -	$ -	$ -	$ -	$ 61,250,089
SAI Investment	820,499	963,364	78,235	174,900	-	-	-	-	-	2,036,998
										$ -
TOTAL	$ 30,806,468	$ 26,976,734	$ 1,764,775	$ 3,739,111	$ -	$ -	$ -	$ -	$ -	$ 63,287,087
	48.68%	42.63%	2.79%	5.91%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
DLC	$ 5,132,949	$ 4,452,926	$ 288,699	$ 610,116	$ -	$ -	$ -	$ -	$ -	$ 10,484,689
SAI	127,117	149,250	12,121	27,097	-	-	-	-	-	315,584
TOTAL	$ 5,260,065	$ 4,602,176	$ 300,820	$ 637,212	$ -	$ -	$ -	$ -	$ -	$ 10,800,273
Network Expenses										
DLC	$ 599,719	$ 520,267	$ 33,731	$ 71,284	$ -	$ -	$ -	$ -	$ -	$ 1,225,002
SAI	45,260	53,141	4,316	9,648	-	-	-	-	-	112,365
TOTAL	$ 644,980	$ 573,408	$ 38,046	$ 80,932	$ -	$ -	$ -	$ -	$ -	$ 1,337,367
Summary										
Cost of Capital	$ 5,260,065	$ 4,602,176	$ 300,820	$ 637,212	$ -	$ -	$ -	$ -	$ -	$ 10,800,273
Network Expense	644,980	573,408	38,046	80,932	-	-	-	-	-	1,337,367
TOTAL	$ 5,905,045	$ 5,175,584	$ 338,866	$ 718,144	$ -	$ -	$ -	$ -	$ -	$ 12,137,640

	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
Copper Feeder										
Concentrator Investment										
DLC Investment	$ -	$ 449,545	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 449,545
SAI Investment	2,361	842,563	344,298	582,483	131,290	196,034	18,434	-	-	2,117,463
TOTAL	$ 2,361	$ 1,292,108	$ 344,298	$ 582,483	$ 131,290	$ 196,034	$ 18,434	$ -	$ -	$ 2,567,008
	0.09%	50.34%	13.41%	22.69%	5.11%	7.64%	0.72%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
DLC	$ -	$ 76,952	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 76,952
SAI	366	130,535	53,341	90,242	20,340	30,371	2,856	-	-	328,050
TOTAL	$ 366	$ 207,487	$ 53,341	$ 90,242	$ 20,340	$ 30,371	$ 2,856	$ -	$ -	$ 405,002
Network Expenses										
DLC	$ -	$ 8,991	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 8,991
SAI	130	46,477	18,992	32,131	7,242	10,814	1,017	-	-	116,804
TOTAL	$ 130	$ 55,468	$ 18,992	$ 32,131	$ 7,242	$ 10,814	$ 1,017	$ -	$ -	$ 125,794
Summary										
Cost of Capital	$ 366	$ 207,487	$ 53,341	$ 90,242	$ 20,340	$ 30,371	$ 2,856	$ -	$ -	$ 405,002
Network Expense	130	55,468	18,992	32,131	7,242	10,814	1,017	-	-	125,794
TOTAL	$ 496	$ 262,956	$ 72,333	$ 122,373	$ 27,582	$ 41,184	$ 3,873	$ -	$ -	$ 530,797

	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										
Concentrator Investment										
DLC Investment	$ 29,985,969	$ 26,462,915	$ 1,686,540	$ 3,564,211	$ -	$ -	$ -	$ -	$ -	$ 61,699,634
SAI Investment	822,860	1,805,927	422,533	757,383	131,290	196,034	18,434	-	-	4,154,461
TOTAL	$ 30,808,829	$ 28,268,842	$ 2,109,073	$ 4,321,594	$ 131,290	$ 196,034	$ 18,434	$ -	$ -	$ 65,854,095
	46.78%	42.93%	3.20%	6.56%	0.20%	0.30%	0.03%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
DLC	$ 5,132,949	$ 4,529,878	$ 288,699	$ 610,116	$ -	$ -	$ -	$ -	$ -	$ 10,561,642

Concentrator

	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
SAI	127,482	279,785	65,461	117,338	20,340	30,371	2,856	-	-	643,634
TOTAL	$ 5,260,431	$ 4,809,663	$ 354,160	$ 727,454	$ 20,340	$ 30,371	$ 2,856	$ -	$ -	$ 11,205,276
Network Expenses										
DLC	$ 599,719	$ 529,258	$ 33,731	$ 71,284	$ -	$ -	$ -	$ -	$ -	$ 1,233,993
SAI	45,391	99,619	23,308	41,779	7,242	10,814	1,017	-	-	229,168
TOTAL	$ 645,110	$ 628,877	$ 57,039	$ 113,063	$ 7,242	$ 10,814	$ 1,017	$ -	$ -	$ 1,463,161
Summary										
Cost of Capital	$ 5,260,431	$ 4,809,663	$ 354,160	$ 727,454	$ 20,340	$ 30,371	$ 2,856	$ -	$ -	$ 11,205,276
Network Expense	645,110	628,877	57,039	113,063	7,242	10,814	1,017	-	-	1,463,161
TOTAL	$ 5,905,541	$ 5,438,540	$ 411,199	$ 840,517	$ 27,582	$ 41,184	$ 3,873	$ -	$ -	$ 12,668,437

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 Feeder										
Feeder Investment										
copper u/g cable	$ 12,081	$ 46,230	$ 9,151	$ 18,588	$ -	$ -	$ -	$ -	$ -	$ 86,050
copper buried cable	88,502	277,459	19,480	84,433	-	-	-	-	-	469,875
copper aerial cable	80,560	251,104	20,749	76,009	-	-	-	-	-	428,421
fiber u/g cable	3,077,765	2,146,264	61,394	97,023	-	-	-	-	-	5,382,447
fiber buried cable	9,811,612	6,812,823	173,230	274,104	-	-	-	-	-	17,071,769
fiber aerial cable	13,448,850	9,326,194	238,445	374,333	-	-	-	-	-	23,387,820
conduit	208,934	155,452	7,167	12,187	-	-	-	-	-	383,740
manholes	2,558,351	1,841,927	138,941	187,400	-	-	-	-	-	4,726,619
copper u/g placement	-	-	-	-	-	-	-	-	-	-
fiber u/g placement	874,919	665,092	52,323	111,085	-	-	-	-	-	1,703,419
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	5,481,392	4,442,412	232,758	492,929	-	-	-	-	-	10,649,490
poles	2,230,849	1,619,201	123,426	179,814	-	-	-	-	-	4,153,289
TOTAL	$ 37,873,815	$ 27,584,159	$ 1,077,061	$ 1,907,904	$ -	$ -	$ -	$ -	$ -	$ 68,442,940
	55.34%	40.30%	1.57%	2.79%	0.00%	0.00%	0.00%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
copper u/g cable	$ 1,761	$ 6,739	$ 1,334	$ 2,709	$ -	$ -	$ -	$ -	$ -	$ 12,543
copper buried cable	13,121	41,135	2,888	12,518	-	-	-	-	-	69,661
copper aerial cable	12,685	39,537	3,267	11,968	-	-	-	-	-	67,457
fiber u/g cable	438,374	305,698	8,744	13,819	-	-	-	-	-	766,635
fiber buried cable	1,378,019	956,846	24,330	38,497	-	-	-	-	-	2,397,692
fiber aerial cable	1,930,233	1,338,533	34,223	53,726	-	-	-	-	-	3,356,713
conduit	26,730	19,888	917	1,559	-	-	-	-	-	49,095
manholes	327,308	235,651	17,776	23,975	-	-	-	-	-	604,711
copper u/g placement	-	-	-	-	-	-	-	-	-	-
fiber u/g placement	111,935	85,090	6,694	14,212	-	-	-	-	-	217,931
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	769,849	623,927	32,690	69,231	-	-	-	-	-	1,495,697
poles	359,201	260,716	19,873	28,953	-	-	-	-	-	668,743
TOTAL	$ 5,369,215	$ 3,913,759	$ 152,736	$ 271,167	$ -	$ -	$ -	$ -	$ -	$ 9,706,877
Network Expenses										
copper u/g cable	$ 254	$ 971	$ 192	$ 390	$ -	$ -	$ -	$ -	$ -	$ 1,807
copper buried cable	3,947	12,375	869	3,766	-	-	-	-	-	20,956
copper aerial cable	5,389	16,799	1,388	5,085	-	-	-	-	-	28,661
fiber u/g cable	25,853	18,029	516	815	-	-	-	-	-	45,213
fiber buried cable	59,851	41,558	1,057	1,672	-	-	-	-	-	104,138
fiber aerial cable	98,177	68,081	1,741	2,733	-	-	-	-	-	170,731
conduit	1,212	902	42	71	-	-	-	-	-	2,226
manholes	14,838	10,683	806	1,087	-	-	-	-	-	27,414
copper u/g placement	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	-
fiber u/g placement	5,075	3,858	303	644	-	-	-	-	-	9,880
copper buried placement	-	-	-	-	-	-	-	-	-	-
fiber buried placement	33,436	27,099	1,420	3,007	-	-	-	-	-	64,962
poles	48,856	35,461	2,703	3,938	-	-	-	-	-	90,957
TOTAL	$ 296,888	$ 235,814	$ 11,036	$ 23,207	$ -	$ -	$ -	$ -	$ -	$ 566,945
Summary										
Cost of Capital	$ 5,369,215	$ 3,913,759	$ 152,736	$ 271,167	$ -	$ -	$ -	$ -	$ -	$ 9,706,877
Network Expense	296,888	235,814	11,036	23,207	-	-	-	-	-	566,945
TOTAL	$ 5,666,103	$ 4,149,573	$ 163,772	$ 294,375	$ -	$ -	$ -	$ -	$ -	$ 10,273,823

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
	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
Copper Feeder										
Feeder Investment										
copper u/g cable	$ -	$ 2,775	$ 3,684	$ 10,226	$ 2,812	$ 24,357	$ 563	$ -	$ -	$ 44,416
copper buried cable	-	14,603	4,787	84,413	23,024	119,639	4,564	-	-	251,031
copper aerial cable	-	14,480	4,884	74,856	20,391	107,041	4,049	-	-	225,702
fiber u/g cable	-	13,452	5,457	31,194	8,811	44,673	1,331	-	-	104,918
fiber buried cable	-	42,515	3,436	100,902	28,753	97,356	4,296	-	-	277,258
fiber aerial cable	-	58,579	5,273	137,108	38,867	133,421	5,845	-	-	379,093
conduit	-	944	1,138	3,636	2,022	7,597	291	-	-	15,628
manholes	21,444	4,004,411	1,005,074	1,076,730	184,338	207,049	15,723	-	-	6,514,771
copper u/g placement	16,180	1,084,434	191,119	223,839	65,541	90,547	11,072	-	-	1,682,732
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	79,477	6,310,792	1,185,152	1,250,353	378,472	310,511	52,154	-	-	9,566,911
fiber buried placement	-	-	-	-	-	-	-	-	-	-
poles	18,818	3,472,287	881,908	981,872	190,418	185,583	23,665	-	-	5,754,552
TOTAL	$ 135,920	$ 15,019,272	$ 3,291,912	$ 3,975,130	$ 943,449	$ 1,327,775	$ 123,553	$ -	$ -	$ 24,817,011
	0.55%	60.52%	13.26%	16.02%	3.80%	5.35%	0.50%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
copper u/g cable	$ -	$ 404	$ 537	$ 1,491	$ 410	$ 3,550	$ 82	$ -	$ -	$ 6,474
copper buried cable	-	2,165	710	12,515	3,413	17,737	677	-	-	37,216
copper aerial cable	-	2,280	769	11,786	3,211	16,854	638	-	-	35,538
fiber u/g cable	-	1,916	777	4,443	1,255	6,363	190	-	-	14,944
fiber buried cable	-	5,971	483	14,171	4,038	13,674	603	-	-	38,940
fiber aerial cable	-	8,407	757	19,678	5,578	19,149	839	-	-	54,409
conduit	-	121	146	465	259	972	37	-	-	1,999
manholes	2,743	512,313	128,586	137,754	23,584	26,489	2,012	-	-	833,482
copper u/g placement	2,070	138,739	24,451	28,637	8,385	11,584	1,416	-	-	215,284
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	11,783	935,602	175,704	185,370	56,110	46,035	7,732	-	-	1,418,336
fiber buried placement	-	-	-	-	-	-	-	-	-	-
poles	3,030	559,091	142,001	158,096	30,660	29,882	3,810	-	-	926,571
TOTAL	$ 19,626	$ 2,167,011	$ 474,920	$ 574,408	$ 136,903	$ 192,289	$ 18,036	$ -	$ -	$ 3,583,193
Network Expenses										
copper u/g cable	$ -	$ 58	$ 77	$ 215	$ 59	$ 511	$ 12	$ -	$ -	$ 933
copper buried cable	-	651	213	3,765	1,027	5,336	204	-	-	11,196
copper aerial cable	-	969	327	5,008	1,364	7,161	271	-	-	15,099
fiber u/g cable	-	113	46	262	74	375	11	-	-	881
fiber buried cable	-	259	21	615	175	594	26	-	-	1,691
fiber aerial cable	-	428	38	1,001	284	974	43	-	-	2,767
conduit	-	5	7	21	12	44	2	-	-	91
manholes	124	23,226	5,829	6,245	1,069	1,201	91	-	-	37,786
copper u/g placement	$ 94	$ 6,290	$ 1,108	$ 1,298	$ 380	$ 525	$ 64	$ -	$ -	9,760
fiber u/g placement	-	-	-	-	-	-	-	-	-	-
copper buried placement	3,545	281,461	52,858	55,766	16,880	13,849	2,326	-	-	426,684
fiber buried placement	-	-	-	-	-	-	-	-	-	-
poles	412	76,043	19,314	21,503	4,170	4,064	518	-	-	126,025
TOTAL	$ 4,175	$ 389,503	$ 79,839	$ 95,699	$ 25,494	$ 34,635	$ 3,568	$ -	$ -	$ 632,913
Summary										
Cost of Capital	$ 19,626	$ 2,167,011	$ 474,920	$ 574,408	$ 136,903	$ 192,289	$ 18,036	$ -	$ -	$ 3,583,193
Network Expense	4,175	389,503	79,839	95,699	25,494	34,635	3,568	-	-	632,913
TOTAL	$ 23,801	$ 2,556,515	$ 554,759	$ 670,107	$ 162,398	$ 226,924	$ 21,604	$ -	$ -	$ 4,216,107

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
	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	$ 12,081	$ 49,005	$ 12,835	$ 28,815	$ 2,812	$ 24,357	$ 563	$ -	$ -	$ 130,466
copper buried cable	88,502	292,062	24,267	168,847	23,024	119,639	4,564	-	-	720,906
copper aerial cable	80,560	265,583	25,633	150,865	29,391	107,041	4,049	-	-	654,122
fiber u/g cable	3,077,765	2,159,717	66,850	128,217	8,811	44,673	1,331	-	-	5,487,365
fiber buried cable	9,811,612	6,855,338	176,666	375,005	28,753	97,356	4,296	-	-	17,349,027
fiber aerial cable	13,448,850	9,384,773	243,717	511,441	38,867	133,421	5,845	-	-	23,766,914
conduit	208,934	156,395	8,305	15,823	2,022	7,597	291	-	-	399,367
manholes	2,579,795	5,846,339	1,144,015	1,264,130	184,338	207,049	15,723	-	-	11,241,391
copper u/g placement	16,180	1,084,434	191,119	223,839	69,541	90,547	11,072	-	-	1,682,732
fiber u/g placement	874,919	665,092	52,323	111,085	-	-	-	-	-	1,703,419
copper buried placement	79,477	6,310,792	1,185,152	1,250,353	375,472	310,511	52,154	-	-	9,566,911
fiber buried placement	5,481,392	4,442,412	232,758	492,929	-	-	-	-	-	10,649,490
poles	2,249,667	5,091,489	1,005,334	1,161,686	190,418	185,583	23,665	-	-	9,907,841
TOTAL	$ 38,009,735	$ 42,603,431	$ 4,368,973	$ 5,883,035	$ 943,449	$ 1,327,775	$ 123,553	$ -	$ -	$ 93,259,951
	40.76%	45.68%	4.68%	6.31%	1.01%	1.42%	0.13%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
copper u/g cable	$ 1,761	$ 7,143	$ 1,871	$ 4,200	$ 410	$ 3,550	$ 82	$ -	$ -	$ 19,017
copper buried cable	13,121	43,300	3,598	25,032	3,413	17,737	677	-	-	106,877
copper aerial cable	12,685	41,817	4,036	23,754	3,211	16,854	638	-	-	102,994
fiber u/g cable	438,374	307,614	9,522	18,262	1,255	6,363	190	-	-	781,579
fiber buried cable	1,378,019	962,817	24,812	52,669	4,038	13,674	603	-	-	2,436,632
fiber aerial cable	1,930,233	1,346,940	34,979	73,404	5,578	19,149	839	-	-	3,411,122
conduit	26,730	20,009	1,063	2,024	259	972	37	-	-	51,094
manholes	330,052	747,965	146,362	161,729	23,584	26,489	2,012	-	-	1,438,193
copper u/g placement	2,070	138,739	24,451	28,637	8,385	11,584	1,416	-	-	215,284
fiber u/g placement	111,935	85,090	6,694	14,212	-	-	-	-	-	217,931
copper buried placement	11,783	935,602	175,704	185,370	56,110	46,035	7,732	-	-	1,418,336
fiber buried placement	769,849	623,927	32,690	69,231	-	-	-	-	-	1,495,697
poles	362,231	819,807	161,874	187,049	30,660	29,882	3,810	-	-	1,595,313
TOTAL	$ 5,388,842	$ 6,080,770	$ 627,656	$ 845,575	$ 136,903	$ 192,289	$ 18,036	$ -	$ -	$ 13,290,071
Network Expenses										
copper u/g cable	$ 254	$ 1,029	$ 270	$ 605	$ 59	$ 511	$ 12	$ -	$ -	$ 2,740
copper buried cable	3,947	13,026	1,082	7,531	1,027	5,336	204	-	-	32,152
copper aerial cable	5,389	17,768	1,715	10,093	1,364	7,161	271	-	-	43,761
fiber u/g cable	25,853	18,142	562	1,077	74	375	11	-	-	46,094
fiber buried cable	59,851	41,818	1,078	2,288	175	594	26	-	-	105,829
fiber aerial cable	98,177	68,509	1,779	3,734	284	974	43	-	-	173,498
conduit	1,212	907	48	92	12	44	2	-	-	2,316
manholes	14,963	33,909	6,635	7,332	1,069	1,201	91	-	-	65,200
copper u/g placement	94	6,290	1,108	1,298	380	525	64	-	-	9,760
fiber u/g placement	5,075	3,858	303	644	-	-	-	-	-	9,880
copper buried placement	3,545	281,461	52,858	55,766	16,880	13,849	2,326	-	-	426,684
fiber buried placement	33,436	27,099	1,420	3,007	-	-	-	-	-	64,962
poles	49,268	111,504	22,017	25,441	4,170	4,064	518	-	-	216,982
TOTAL	$ 301,063	$ 625,317	$ 90,875	$ 118,906	$ 25,494	$ 34,635	$ 3,568	$ -	$ -	$ 1,199,858
Summary										
Cost of Capital	$ 5,388,842	$ 6,080,770	$ 627,656	$ 845,575	$ 136,903	$ 192,289	$ 18,036	$ -	$ -	$ 13,290,071
Network Expense	301,063	625,317	90,875	118,906	25,494	34,635	3,568	-	-	1,199,858
TOTAL	$ 5,689,905	$ 6,706,088	$ 718,531	$ 964,481	$ 162,398	$ 226,924	$ 21,604	$ -	$ -	$ 14,489,929

End Office Switching

	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
EO Switching Investment										
end office switching	$ 9,284,210	$ 32,633,951	$ 11,099,030	$ 19,525,925	$ 3,895,309	$ 4,470,684	$ 666,588	$ -	$ -	$ 81,575,698
MDF/protector	-	-	-	-	-	-	-	-	-	-
wire center	1,737,382	6,041,129	2,236,745	3,565,809	775,756	873,341	124,840	-	-	15,355,002
land	349,743	1,039,845	318,685	470,911	104,726	119,615	14,475	-	-	2,418,000
TOTAL	$ 11,371,334	$ 39,714,925	$ 13,654,460	$ 23,562,645	$ 4,775,791	$ 5,463,641	$ 805,904	$ -	$ -	$ 99,348,700
	11.45%	39.98%	13.74%	23.72%	4.81%	5.50%	0.81%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
end office switching	$ 1,253,700	$ 4,406,751	$ 1,498,766	$ 2,636,698	$ 526,006	$ 603,702	$ 90,013	$ -	$ -	$ 11,015,637
MDF/protector	-	-	-	-	-	-	-	-	-	-
wire center	232,597	808,774	299,451	477,383	103,857	116,921	16,713	-	-	2,055,697
land	55,978.08	166,432.42	51,007.12	75,371.64	16,761.92	19,145	2,316.87	-	-	387,013
TOTAL	$ 1,542,276	$ 5,381,958	$ 1,849,224	$ 3,189,453	$ 646,625	$ 739,768	$ 109,044	$ -	$ -	$ 13,458,348
Network Expenses										
end office switching	$ 518,059	$ 1,820,974	$ 619,326	$ 1,089,547	$ 217,358	$ 249,464	$ 37,196	$ -	$ -	$ 4,551,924
MDF/protector	-	-	-	-	-	-	-	-	-	-
wire center	157,407	547,326	202,649	323,062	70,284	79,125	11,311	-	-	1,391,163
land	-	-	-	-	-	-	-	-	-	-
TOTAL	$ 675,466	$ 2,368,301	$ 821,975	$ 1,412,609	$ 287,642	$ 328,589	$ 48,506	$ -	$ -	$ 5,943,087
Summary										
Cost of Capital	$ 1,542,276	$ 5,381,958	$ 1,849,224	$ 3,189,453	$ 646,625	$ 739,768	$ 109,044	$ -	$ -	$ 13,458,348
Network Expense	675,466	2,368,301	821,975	1,412,609	287,642	328,589	48,506	-	-	5,943,087
TOTAL	$ 2,217,741	$ 7,750,258	$ 2,671,199	$ 4,602,062	$ 934,266	$ 1,068,357	$ 157,550	$ -	$ -	$ 19,401,435

Signaling

	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
Signaling Investment										
SCP	$ 67,648	$ 241,348	$ 83,778	$ 183,323	$ 36,250	$ 50,540	$ 6,645	$ -	$ -	$ 669,530
SCP wire center	10,824	38,616	13,404	29,332	5,800	8,086	1,063	-	-	107,125
STP	148,825	530,965	184,311	403,310	79,750	111,188	14,619	-	-	1,472,966
signaling links	1,552,826	3,768,661	341,470	204,304	9,281	10,435	998	-	-	5,887,975
TOTAL	$ 1,780,121	$ 4,579,589	$ 622,963	$ 820,268	$ 131,081	$ 180,250	$ 23,325	$ -	$ -	$ 8,137,596
	21.88%	56.28%	7.66%	10.08%	1.61%	2.22%	0.29%	0.00%	0.00%	100.00%
Levelized Cost of Capital										
SCP	$ 9,135	$ 32,591	$ 11,313	$ 24,755	$ 4,895	$ 6,825	$ 897	$ -	$ -	$ 90,410
SCP wire center	1,449	5,170	1,795	3,927	776	1,083	142	-	-	14,342
STP	20,097	71,699	24,889	54,461	10,769	15,014	1,974	-	-	198,903
signaling links	220,711	535,658	48,535	29,039	1,319	1,483	142	-	-	836,886
TOTAL	$ 251,391	$ 645,117	$ 86,531	$ 112,182	$ 17,760	$ 24,405	$ 3,156	$ -	$ -	$ 1,140,541
Network Expenses										
SCP	$ 3,775	$ 13,467	$ 4,675	$ 10,229	$ 2,023	$ 2,820	$ 371	$ -	$ -	$ 37,360
SCP wire center	981	3,499	1,214	2,657	525	733	96	-	-	9,706
STP	8,304	29,628	10,285	22,505	4,450	6,204	816	-	-	82,192
signaling links	69,413	188,462	15,264	9,133	415	466	45	-	-	263,197
TOTAL	$ 82,472	$ 215,056	$ 31,438	$ 44,524	$ 7,413	$ 10,224	$ 1,327	$ -	$ -	$ 392,454
Summary										
Cost of Capital	$ 251,391	$ 645,117	$ 86,531	$ 112,182	$ 17,760	$ 24,405	$ 3,156	$ -	$ -	$ 1,140,541
Network Expense	82,472	215,056	31,438	44,524	7,413	10,224	1,327	-	-	392,454
TOTAL	$ 333,863	$ 860,173	$ 117,969	$ 156,706	$ 25,173	$ 34,628	$ 4,483	$ -	$ -	$ 1,532,995

Dedicated Transport

	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
Dedicated Transport Investment										
underground cable	$ 8,424,925	$ 25,334,450	$ 6,002,262	$ 5,573,995	$ 577,233	$ 535,466	$ 44,873	$ -	$ -	$ 46,493,205
buried cable	7,550,621	22,684,987	5,435,512	5,170,900	562,663	554,866	50,755	-	-	42,010,305
aerial cable	1,956,522	5,855,132	1,389,059	1,305,221	138,500	133,384	11,724	-	-	10,789,541
poles	557,892	1,662,597	408,250	381,907	43,143	42,003	3,952	-	-	3,099,744
conduit	670,808	2,007,474	476,249	447,504	47,485	45,731	4,020	-	-	3,699,271
manholes	94,355	276,015	64,082	62,670	6,891	6,681	587	-	-	511,281
TOTAL	$ 19,255,123	$ 57,820,654	$ 13,775,414	$ 12,942,198	$ 1,375,915	$ 1,318,131	$ 115,911	$ -	$ -	$ 106,603,347
Levelized Cost of Capital										
underground cable	$ 1,199,983	$ 3,608,449	$ 854,917	$ 793,918	$ 82,217	$ 76,268	$ 6,391	$ -	$ -	$ 6,622,143
buried cable	1,060,468	3,186,056	763,406	726,241	79,025	77,930	7,128	-	-	5,900,254
aerial cable	280,808	840,352	199,363	187,330	19,878	19,144	1,683	-	-	1,548,558
poles	89,829	267,703	65,734	61,493	6,947	6,763	636	-	-	499,106
conduit	85,821	256,831	60,930	57,252	6,075	5,851	514	-	-	473,275
manholes	12,072	35,313	8,199	8,018	882	855	75	-	-	65,412
TOTAL	$ 2,728,981	$ 8,194,703	$ 1,952,549	$ 1,834,253	$ 195,023	$ 186,810	$ 16,428	$ -	$ -	$ 15,108,747
Network Expenses										
underground cable	$ 70,769	$ 212,809	$ 50,419	$ 46,822	$ 4,849	$ 4,498	$ 377	$ -	$ -	$ 390,543
buried cable	46,059	138,378	33,157	31,542	3,432	3,385	310	-	-	256,263
aerial cable	14,283	42,742	10,140	9,528	1,011	974	86	-	-	78,764
poles	12,218	36,411	8,941	8,364	945	920	87	-	-	67,884
conduit	3,891	11,643	2,762	2,596	275	265	23	-	-	21,456
manholes	547	1,601	372	363	40	39	3	-	-	2,965
TOTAL	$ 147,767	$ 443,585	$ 105,790	$ 99,215	$ 10,552	$ 10,080	$ 885	$ -	$ -	$ 817,875
Summary										
Cost of Capital	$ 2,728,981	$ 8,194,703	$ 1,952,549	$ 1,834,253	$ 195,023	$ 186,810	$ 16,428	$ -	$ -	$ 15,108,747
Network Expense	147,767	443,585	105,790	99,215	10,552	10,080	885	-	-	817,875
TOTAL	$ 2,876,747	$ 8,638,289	$ 2,058,339	$ 1,933,468	$ 205,575	$ 196,890	$ 17,314	$ -	$ -	$ 15,926,622
Transmission Terminal										
investment	$ 1,207,183	$ 4,263,054	$ 2,246,981	$ 3,456,383	$ 798,336	$ 695,107	$ 138,168	$ -	$ -	$ 12,805,212
levelized cost of capital	206,644	729,743	384,635	591,658	136,658	118,987	23,651	-	-	2,191,975
network expenses	24,144	85,261	44,940	69,128	15,967	13,902	2,763	-	-	256,104
TOTAL	$ 230,787	$ 815,004	$ 429,574	$ 660,786	$ 152,625	$ 132,889	$ 26,415	$ -	$ -	$ 2,448,079

Direct Transport

	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 Transport Investment										
underground cable	$ 7,356,167	$ 21,275,808	$ 3,487,924	$ 2,873,728	$ 235,456	$ 227,000	$ 16,771	$ -	$ -	$ 35,472,855
buried cable	6,588,137	19,043,101	3,150,980	2,654,913	229,931	234,353	18,970	-	-	31,920,385
aerial cable	1,707,774	4,913,933	806,408	671,309	56,553	56,324	4,382	-	-	8,216,683
poles	486,200	1,395,701	235,333	195,425	17,654	17,777	1,477	-	-	2,349,567
conduit	585,522	1,684,778	276,483	230,163	19,390	19,311	1,503	-	-	2,817,149
manholes	82,288	231,162	37,217	32,039	2,815	2,821	219	-	-	388,560
TOTAL	$ 16,806,088	$ 48,544,483	$ 7,994,344	$ 6,657,577	$ 561,799	$ 557,586	$ 43,322	$ -	$ -	$ 81,165,200
Levelized Cost of Capital										
underground cable	$ 1,047,757	$ 3,030,366	$ 496,794	$ 409,312	$ 33,537	$ 32,332	$ 2,389	$ -	$ -	$ 5,052,487
buried cable	925,289	2,674,561	442,548	372,877	32,293	32,914	2,664	-	-	4,483,147
aerial cable	245,107	705,267	115,739	96,349	8,117	8,084	629	-	-	1,179,291
poles	78,286	224,729	37,892	31,466	2,843	2,862	238	-	-	378,316
conduit	74,910	215,546	35,372	29,446	2,481	2,471	192	-	-	360,418
manholes	10,528	29,574	4,761	4,099	360	361	28	-	-	49,711
TOTAL	$ 2,381,876	$ 6,880,044	$ 1,133,107	$ 943,550	$ 79,630	$ 79,024	$ 6,140	$ -	$ -	$ 11,503,371
Network Expenses										
underground cable	$ 61,792	$ 178,717	$ 29,299	$ 24,139	$ 1,978	$ 1,907	$ 141	$ -	$ -	$ 297,972
buried cable	40,188	116,163	19,221	16,195	1,403	1,430	116	-	-	194,714
aerial cable	12,467	35,872	5,887	4,901	413	411	32	-	-	59,982
poles	10,648	30,566	5,154	4,280	387	389	32	-	-	51,456
conduit	3,396	9,772	1,604	1,335	112	112	9	-	-	16,339
manholes	477	1,341	216	186	16	16	1	-	-	2,254
TOTAL	$ 128,967	$ 372,430	$ 61,380	$ 51,035	$ 4,309	$ 4,265	$ 331	$ -	$ -	$ 622,717
Summary										
Cost of Capital	$ 2,381,876	$ 6,880,044	$ 1,133,107	$ 943,550	$ 79,630	$ 79,024	$ 6,140	$ -	$ -	$ 11,503,371
Network Expense	128,967	372,430	61,380	51,035	4,309	4,265	331	-	-	622,717
TOTAL	$ 2,510,844	$ 7,252,474	$ 1,194,486	$ 994,585	$ 83,939	$ 83,289	$ 6,471	$ -	$ -	$ 12,126,088
Transmission Terminal										
investment	$ 811,261	$ 2,831,346	$ 1,177,735	$ 1,532,597	$ 314,778	$ 263,321	$ 48,386	$ -	$ -	$ 6,979,424
levelized cost of capital	138,870	484,665	201,603	262,348	53,883	45,075	8,283	-	-	1,194,726
network expenses	16,225	56,627	23,555	30,652	6,296	5,266	968	-	-	139,588
TOTAL	$ 155,096	$ 541,292	$ 225,157	$ 292,999	$ 60,179	$ 50,341	$ 9,250	$ -	$ -	$ 1,334,315

Common Transport

	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
Common Transport Investment										
underground cable	$ 4,299,111	$ 11,949,574	$ 1,703,680	$ 1,264,441	$ 90,985	$ 84,783	$ 6,164	$ -	$ -	$ 19,398,737
buried cable	3,848,809	10,693,621	1,537,762	1,165,063	88,584	87,403	6,973	-	-	17,428,215
aerial cable	997,684	2,758,817	393,362	294,802	21,818	21,017	1,610	-	-	4,489,110
poles	283,569	783,576	114,715	85,764	6,790	6,633	543	-	-	1,281,590
conduit	342,063	945,880	134,867	101,075	7,481	7,206	552	-	-	1,539,124
manholes	46,020	129,599	18,060	13,968	1,085	1,052	81	-	-	211,864
TOTAL	$ 9,819,255	$ 27,261,067	$ 3,902,447	$ 2,925,112	$ 216,742	$ 208,095	$ 15,923	$ -	$ -	$ 44,348,640
Levelized Cost of Capital										
underground cable	$ 612,333	$ 1,702,008	$ 242,659	$ 180,097	$ 12,959	$ 12,076	$ 878	$ -	$ -	$ 2,763,010
buried cable	540,557	1,501,895	215,975	163,631	12,441	12,276	979	-	-	2,447,754
aerial cable	143,192	395,956	56,457	42,311	3,131	3,016	231	-	-	644,295
poles	45,659	126,168	18,471	13,809	1,093	1,068	87	-	-	206,355
conduit	43,763	121,013	17,255	12,931	957	922	71	-	-	196,911
manholes	6,144	16,560	2,311	1,787	139	135	10	-	-	27,105
TOTAL	$ 1,391,646	$ 3,863,621	$ 553,128	$ 414,567	$ 30,721	$ 29,492	$ 2,257	$ -	$ -	$ 6,285,432
Network Expenses										
underground cable	$ 36,113	$ 100,376	$ 14,311	$ 10,621	$ 764	$ 712	$ 52	$ -	$ -	$ 162,949
buried cable	23,478	65,231	9,360	7,107	540	533	43	-	-	106,312
aerial cable	7,283	20,139	2,872	2,152	159	153	12	-	-	32,771
poles	6,210	17,160	2,512	1,878	149	145	12	-	-	28,067
conduit	1,984	5,486	782	586	43	42	3	-	-	8,927
manholes	279	752	105	81	6	6	0	-	-	1,229
TOTAL	$ 75,346	$ 209,145	$ 29,962	$ 22,426	$ 1,662	$ 1,592	$ 122	$ -	$ -	$ 340,255
Summary										
Cost of Capital	$ 1,391,646	$ 3,863,621	$ 553,128	$ 414,567	$ 30,721	$ 29,492	$ 2,257	$ -	$ -	$ 6,285,432
Network Expense	75,346	209,145	29,962	22,426	1,662	1,592	122	-	-	340,255
TOTAL	$ 1,466,992	$ 4,072,766	$ 583,090	$ 436,992	$ 32,383	$ 31,084	$ 2,378	$ -	$ -	$ 6,625,686
Transmission Terminal										
investment	$ 426,394	$ 1,462,341	$ 526,004	$ 616,948	$ 118,152	$ 98,211	$ 17,784	$ -	$ -	$ 3,265,834
levelized cost of capital	72,989	250,321	90,040	105,608	20,225	16,812	3,044	-	-	559,040
network expenses	8,528	29,247	10,520	12,339	2,363	1,964	356	-	-	65,317
TOTAL	$ 81,517	$ 279,568	$ 100,561	$ 117,947	$ 22,588	$ 18,776	$ 3,400	$ -	$ -	$ 624,357

Tandem Switching

	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
Tandem Switching Investment										
tandem switching	$ 271,378	$ 928,381	$ 328,458	$ 631,819	$ 128,358	$ 155,085	$ 21,030	$ -	$ -	$ 2,464,509
wire center	400,108	1,427,474	495,510	1,084,279	214,404	298,924	39,303	-	-	3,960,002
TOTAL	$ 671,486	$ 2,355,855	$ 823,969	$ 1,716,098	$ 342,762	$ 454,009	$ 60,332	$ -	$ -	$ 6,424,511
Levelized Cost of Capital										
tandem switching	$ 36,646	$ 125,365	$ 44,354	$ 85,318	$ 17,333	$ 20,942	$ 2,840	$ -	$ -	$ 332,797
wire center	53,566	191,107	66,338	145,161	28,704	40,019	5,262	-	-	530,157
TOTAL	$ 90,211	$ 316,472	$ 110,692	$ 230,479	$ 46,037	$ 60,961	$ 8,102	$ -	$ -	$ 862,954
Network Expenses										
tandem switching	$ 15,143	$ 51,804	$ 18,328	$ 35,255	$ 7,162	$ 8,654	$ 1,173	$ -	$ -	$ 137,520
wire center	36,250	129,329	44,893	98,236	19,425	27,083	3,561	-	-	358,776
TOTAL	$ 51,393	$ 181,133	$ 63,221	$ 133,491	$ 26,587	$ 35,736	$ 4,734	$ -	$ -	$ 496,296
Summary										
Cost of Capital	$ 90,211	$ 316,472	$ 110,692	$ 230,479	$ 46,037	$ 60,961	$ 8,102	$ -	$ -	$ 862,954
Network Expense	51,393	181,133	63,221	133,491	26,587	35,736	4,734	-	-	496,296
TOTAL	$ 141,604	$ 497,605	$ 173,913	$ 363,971	$ 72,624	$ 96,698	$ 12,836	$ -	$ -	$ 1,359,250

Operator Services

	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
Operator Investment										
OS Tandem Switching	$ 133,586	$ 464,429	$ 161,814	$ 327,997	$ 65,495	$ 84,954	$ 11,301	$ -	$ -	$ 1,249,574
OS Tandem Wire Center	166,710	594,777	206,461	451,780	89,335	124,551	16,376	-	-	1,649,990
OS Trunks	3,241,237	8,917,316	1,224,340	902,857	64,373	61,012	4,317	-	-	14,415,452
OS Position	54,494	194,420	67,488	147,677	29,202	40,713	5,353	-	-	539,347
TOTAL	$ 3,596,027	$ 10,170,942	$ 1,660,103	$ 1,830,312	$ 248,404	$ 311,229	$ 37,347	$ -	$ -	$ 17,854,363
Levelized Cost of Capital										
OS Tandem Switching	$ 18,039	$ 62,714	$ 21,851	$ 44,291	$ 8,844	$ 11,472	$ 1,526	$ -	$ -	$ 168,737
OS Tandem Wire Center	22,319	79,628	27,641	60,483	11,960	16,675	2,192	-	-	220,897
OS Trunks	460,692	1,267,461	174,021	128,327	9,150	8,672	614	-	-	2,048,937
OS Position	12,816	45,725	15,872	34,732	6,868	9,575	1,259	-	-	126,846
TOTAL	$ 513,866	$ 1,455,527	$ 239,385	$ 267,834	$ 36,821	$ 46,393	$ 5,591	$ -	$ -	$ 2,565,418
Network Expenses										
OS Tandem Switching	$ 7,454	$ 25,915	$ 9,029	$ 18,302	$ 3,655	$ 4,740	$ 631	$ -	$ -	$ 69,726
OS Tandem Wire Center	15,104	53,887	18,705	40,931	8,094	11,284	1,484	-	-	149,489
OS Trunks	144,886	398,611	54,729	40,358	2,878	2,727	193	-	-	644,382
OS Position	-	-	-	-	-	-	-	-	-	-
Operator Wages	6,718	23,967	8,320	18,205	3,600	5,019	660	-	-	66,489
TOTAL	$ 174,162	$ 502,380	$ 90,783	$ 117,797	$ 18,226	$ 23,771	$ 2,967	$ -	$ -	$ 930,086
Summary										
Cost of Capital	$ 513,866	$ 1,455,527	$ 239,385	$ 267,834	$ 36,821	$ 46,393	$ 5,591	$ -	$ -	$ 2,565,418
Network Expense	174,162	502,380	90,783	117,797	18,226	23,771	2,967	-	-	930,086
TOTAL	$ 688,028	$ 1,957,908	$ 330,168	$ 385,631	$ 55,047	$ 70,164	$ 8,558	$ -	$ -	$ 3,495,504

Public Telephone

	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
Public Telephone Investment	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Levelized Cost of Capital	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Network Expenses	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Summary										
Cost of Capital	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Network Expense	-	-	-	-	-	-	-	-	-	-
TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -

GrUpROR **16.01%**

DefTax: **TRUE**

Account	USOA Category	Economic Life	Net Salvage Percent	Adjusted Projection Life	Regulatory Deprec Method	IRS Deprec Category	Capital Annual Charge Factors (RegDeprec/TaxDeprec) SL/SL	SL/Accel	ELG/ELG	ELG/Accel	**Selected KACF**
2112	Motor Vehicles	8.24	10.38%	9.19	elg	2	0.20211	0.18260	0.20242	0.18148	**0.18148**
2115	Garage Work Equipment	12.22	-5.58%	11.57	elg	3	0.18290	0.16553	0.18132	0.16498	**0.16498**
2116	Other Work Equipment	13.04	1.69%	13.26	elg	2	0.17408	0.14947	0.16884	0.14940	**0.14940**
2121	Buildings	46.93	1.64%	47.71	elg	6	0.15094	0.13456	0.15012	0.13388	**0.13388**
2122	Furniture	15.92	4.02%	16.59	elg	3	0.16314	0.14029	0.15895	0.14006	**0.14006**
2123.1	Office Support Equipment	10.78	4.12%	11.24	elg	3	0.18501	0.16812	0.18312	0.16766	**0.16766**
2123.2	Company Comm Equipment	7.40	2.52%	7.59	elg	2	0.22295	0.20641	0.22364	0.20537	**0.20537**
2124	Computers	6.12	2.29%	6.26	elg	2	0.24910	0.23594	0.24931	0.23519	**0.23519**
2212	Digital Switching	16.17	1.57%	16.43	elg	2	0.16353	0.13617	0.16217	0.13504	**0.13504**
2220	Operator Systems	9.41	-0.41%	9.37	elg	2	0.20030	0.18049	0.20010	0.17948	**0.17948**
2232.2	Digital Circuit Equipment	10.24	-0.62%	10.18	elg	2	0.19291	0.17192	0.19133	0.17118	**0.17118**
2351	Public Telephone	7.60	5.12%	8.01	elg	2	0.21656	0.19923	0.21644	0.19833	**0.19833**
	NID, SAI, Drop			19.00	elg	5	0.15837	0.15053	0.13795	0.15493	**0.15493**
2411	Poles	30.25	-89.98%	15.92	elg	5	0.16484	0.16057	0.16198	0.16102	**0.16102**
2421-m	Aerial Cable - Metallic	20.61	-23.03%	16.75	elg	5	0.16275	0.15741	0.16135	0.15745	**0.15745**
2421-nm	Aerial Cable - Non-Metallic	26.14	-17.53%	22.24	elg	5	0.15438	0.14366	0.15252	0.14352	**0.14352**
2422-m	Underground - Metallic	25.00	-17.97%	21.19	elg	5	0.15544	0.14558	0.15242	0.14576	**0.14576**
2422-nm	Underground - Non-Metallic	26.45	-14.58%	23.08	elg	5	0.15365	0.14229	0.15046	0.14243	**0.14243**
2423-m	Buried - Metallic	21.57	-8.39%	19.90	elg	5	0.15703	0.14832	0.15534	0.14825	**0.14825**
2423-nm	Buried - Non-Metallic	25.91	-6.91%	24.24	elg	5	0.15282	0.14063	0.15084	0.14045	**0.14045**
2426-m	Intrabuilding - Metallic	18.18	-15.69%	15.71	elg	5	0.16542	0.16143	0.18529	0.15652	**0.15652**
2426-nm	Intrabuilding - Non-Metallic	26.11	-10.43%	23.64	elg	5	0.15322	0.14145	0.16745	0.13746	**0.13746**
2441	Conduit Systems	56.19	-9.95%	51.11	elg	5	0.15134	0.12894	0.15053	0.12794	**0.12794**

Account	2112	2115	2116	2121	2122	2123	2123	2124	2212	2220	2232	2351		2411	2421-m	2421-nm	2422-m	2422-nm	2423-m	2423-nm	2426-m	2426-nm	2441
USOA Category	Motor Vehicles	Garage Work Equipment	Other Work Equipment	Buildings	Furniture	Office Support Equipment	Company Comm Equipment	Computers	Digital Switching	Operator Systems	Digital Circuit Equipment	Public Telephone	SEC/SAI	Poles	Aerial Cable - Metallic	Aerial Cable - Non-Metallic	Underground - Metallic	Underground Non-Metallic	Buried - Metallic	Buried - Non-Metallic	Intrabuilding - Metallic	Intrabuilding - Non-Metallic	Conduit Systems
Adj Proj Life	9.19	11.57	13.26	47.71	16.59	11.24	7.59	6.26	16.43	9.37	10.18	8.03	19.00	15.92	16.75	22.24	23.19	23.08	19.90	24.24	15.71	23.64	51.11
IRS Dep Cat	2	3	2	6	3	3	2	2	2	2	2	2	5	5	5	5	5	5	5	5	5	5	5
SL Dep Rate	0.1088	0.0864	0.0754	0.0210	0.0603	0.0889	0.1317	0.1597	0.0609	0.1067	0.0983	0.1248	0.0526	0.0628	0.0597	0.0450	0.0472	0.0433	0.0503	0.0413	0.0636	0.0423	0.0196
Last Yr SL Dep	0.0211	0.0496	0.0199	0.0149	0.0354	0.0216	0.0779	0.0421	0.0260	0.0396	0.0174	0.0013	0.0000	0.0580	0.0449	0.0108	0.0091	0.0037	0.0452	0.0097	0.0455	0.0272	0.0021
KCCF-SL/SL	0.20211	0.18290	0.17408	0.15094	0.16314	0.18501	0.22295	0.24910	0.16353	0.20030	0.19291	0.21656	0.15837	0.16484	0.16275	0.15438	0.15544	0.15365	0.15703	0.15282	0.16542	0.15322	0.15134
KCCF-SL/DT	0.18260	0.16553	0.14947	0.13456	0.14029	0.16812	0.20641	0.23594	0.13617	0.18049	0.17192	0.19923	0.15053	0.16057	0.15743	0.14366	0.14558	0.14229	0.14832	0.14063	0.16143	0.14145	0.12894
KCCF-ELG/ELG	0.20242	0.18132	0.16884	0.15012	0.15895	0.18312	0.22364	0.24931	0.16217	0.20010	0.19133	0.21644	0.13795	0.16198	0.16135	0.15252	0.15242	0.15046	0.15534	0.15084	0.18529	0.16745	0.15053
KCCF-ELG/DT	0.18148	0.16498	0.14948	0.13388	0.14006	0.16766	0.20537	0.23519	0.13504	0.17948	0.17118	0.19835	0.15493	0.16102	0.15745	0.14352	0.14576	0.14243	0.14825	0.14045	0.15652	0.13746	0.12794

COE	13.59%		EquityF	55.80%		WACC	11.25%		Tax	39.25%		TaxGrUp	42.27%
COD	8.80%		EquityP	63.43%		GrUpROR	16.01%		Disct	11.25%			

Reg: SL / HRS: SL

KCCFact	0.20211	0.18299	0.17408	0.15094	0.16314	0.18501	0.22295	0.24910	0.16353	0.20030	0.19291	0.21656	0.13837	0.16484	0.16275	0.15438	0.15544	0.15365	0.15703	0.15282	0.16542	0.15322	0.15134
NPV-EoP	1.11921	1.14918	1.16781	1.32963	1.19932	1.14525	1.09646	1.07555	1.19796	1.12168	1.13210	1.10234	1.21854	1.19348	1.20072	1.24057	1.23388	1.24565	1.22508	1.25225	1.19165	1.24892	1.33564
NPV-BoP	1.24512	1.27846	1.29919	1.47921	1.33425	1.27409	1.21981	1.19655	1.33273	1.24786	1.25946	1.22655	1.35562	1.32774	1.33580	1.38043	1.37269	1.38579	1.36290	1.39313	1.32571	1.38943	1.48590
Post-EoP	0.21282	0.19264	0.18335	0.15898	0.17183	0.19486	0.23483	0.26236	0.17224	0.21097	0.20319	0.22810	0.16680	0.17363	0.17142	0.16260	0.16372	0.16183	0.16540	0.16095	0.17423	0.16138	0.15940
Post-BoP	0.19334	0.17316	0.16481	0.14290	0.15436	0.17515	0.21108	0.23583	0.15482	0.18963	0.18264	0.20503	0.14993	0.15606	0.15408	0.14615	0.14716	0.14547	0.14867	0.14468	0.15661	0.14506	0.14328
Year																							
1	0.26011	0.23954	0.22941	0.17934	0.21552	0.24188	0.28124	0.30693	0.21606	0.25822	0.25045	0.27491	0.20847	0.21783	0.21497	0.20142	0.20347	0.19993	0.20628	0.19801	0.21860	0.19896	0.17806
2	0.24271	0.22571	0.21735	0.17598	0.20587	0.22764	0.26016	0.28138	0.20631	0.24114	0.23473	0.25492	0.20805	0.20778	0.20542	0.19422	0.19591	0.19297	0.19824	0.19141	0.20841	0.19220	0.17492
3	0.22540	0.21188	0.20528	0.17263	0.19622	0.21341	0.23907	0.25583	0.19657	0.22406	0.21900	0.23494	0.19163	0.19773	0.19586	0.18703	0.18836	0.18604	0.19020	0.18481	0.19823	0.18543	0.17179
4	0.20789	0.19805	0.19321	0.16927	0.18657	0.19917	0.21799	0.23027	0.18683	0.20698	0.20327	0.21496	0.18329	0.18768	0.18631	0.17983	0.18081	0.17911	0.18216	0.17820	0.18804	0.17866	0.16866
5	0.19048	0.18423	0.18115	0.16592	0.17692	0.18494	0.19691	0.20472	0.17708	0.18991	0.18754	0.19498	0.17478	0.17762	0.17675	0.17263	0.17326	0.17217	0.17411	0.17160	0.17786	0.17189	0.16553
6	0.17307	0.17040	0.16908	0.16256	0.16727	0.17070	0.17582	0.17917	0.16734	0.17283	0.17182	0.17500	0.16635	0.16757	0.16720	0.16544	0.16570	0.16524	0.16607	0.16499	0.16767	0.16512	0.16240
7	0.15567	0.15657	0.15701	0.15921	0.15762	0.15647	0.15474	0.14542	0.15760	0.15575	0.15609	0.15502	0.15793	0.15752	0.15765	0.15824	0.15815	0.15831	0.15803	0.15839	0.15749	0.15835	0.15927
8	0.13826	0.14274	0.14495	0.15583	0.14797	0.14223	0.08413	-	0.14786	0.13867	0.14036	0.13504	0.14951	0.14747	0.14809	0.15104	0.15060	0.15137	0.14998	0.15179	0.14730	0.15158	0.15613
9	0.12085	0.12891	0.13288	0.15250	0.13832	0.12799	-	-	0.13811	0.12159	0.12463	0.00136	0.14108	0.13742	0.13854	0.14385	0.14305	0.14444	0.14194	0.14518	0.13712	0.14481	0.15300
10	0.02283	0.11508	0.12081	0.14915	0.12867	0.11376	-	-	0.12837	0.04282	0.10891	-	0.13266	0.12736	0.12898	0.13665	0.13549	0.13751	0.13390	0.13858	0.12693	0.13804	0.14987
11	-	0.10125	0.10875	0.14579	0.11902	0.09952	-	-	0.11863	-	0.01877	-	0.12424	0.11731	0.11943	0.12946	0.12794	0.13057	0.12586	0.13197	0.11675	0.13127	0.14674
12	-	0.05358	0.09668	0.14204	0.10937	0.02436	-	-	0.10888	-	-	-	0.11581	0.10726	0.10987	0.12226	0.12039	0.12364	0.11781	0.12537	0.10656	0.12450	0.14361
13	-	-	0.08461	0.13908	0.09972	-	-	-	0.09914	-	-	-	0.10739	0.09721	0.10032	0.11506	0.11283	0.11671	0.10977	0.11876	0.09638	0.11773	0.14047
14	-	-	0.02151	0.13573	0.09008	-	-	-	0.08940	-	-	-	0.09896	0.08716	0.09077	0.10787	0.10528	0.10977	0.10173	0.11216	0.08619	0.11096	0.13734
15	-	-	-	0.13237	0.08043	-	-	-	0.07966	-	-	-	0.09054	0.07710	0.08121	0.10067	0.09773	0.10284	0.09368	0.10556	0.07600	0.10419	0.13421
16	-	-	-	0.12902	0.07078	-	-	-	0.06991	-	-	-	0.08212	0.06259	0.07166	0.09347	0.09018	0.09591	0.08564	0.09895	0.04910	0.09742	0.13108
17	-	-	-	0.12566	0.03821	-	-	-	0.02813	-	-	-	0.07369	-	0.04848	0.08628	0.08262	0.08897	0.07760	0.09235	-	0.09065	0.12795
18	-	-	-	0.12231	-	-	-	-	-	-	-	-	0.06527	-	-	0.07908	0.07507	0.08204	0.06956	0.08574	-	0.08388	0.12481
19	-	-	-	0.11895	-	-	-	-	-	-	-	-	0.05684	-	-	0.07188	0.06752	0.07510	0.06151	0.07914	-	0.07712	0.12168
20	-	-	-	0.11560	-	-	-	-	-	-	-	-	-	-	-	0.06469	0.05997	0.06817	0.04886	0.07254	-	0.07035	0.11855
21	-	-	-	0.11225	-	-	-	-	-	-	-	-	-	-	-	0.05749	0.05241	0.06124	-	0.06593	-	0.06358	0.11542
22	-	-	-	0.10889	-	-	-	-	-	-	-	-	-	-	-	0.05030	0.00978	0.05430	-	0.05933	-	0.05681	0.11229
23	-	-	-	0.10554	-	-	-	-	-	-	-	-	-	-	-	0.01171	-	0.04737	-	0.05272	-	0.05004	0.10916
24	-	-	-	0.10218	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00394	-	0.04612	-	0.02941	0.10602
25	-	-	-	0.09883	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01049	-	-	0.10289
26	-	-	-	0.09547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09976
27	-	-	-	0.09212	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09663
28	-	-	-	0.08876	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09350
29	-	-	-	0.08541	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.09036
30	-	-	-	0.08205	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08723
31	-	-	-	0.07870	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08410
32	-	-	-	0.07534	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.08097
33	-	-	-	0.07199	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07784
34	-	-	-	0.06864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07470
35	-	-	-	0.06528	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.07157
36	-	-	-	0.06193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06844
37	-	-	-	0.05857	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06531
38	-	-	-	0.05522	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06218
39	-	-	-	0.05186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05905
40	-	-	-	0.04851	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05591
41	-	-	-	0.04515	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05278
42	-	-	-	0.04180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04965
43	-	-	-	0.03844	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04652
44	-	-	-	0.03509	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04339
45	-	-	-	0.03174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04025
46	-	-	-	0.02838	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03712
47	-	-	-	0.02503	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03399
48	-	-	-	0.01613	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03086
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02773
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02459
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02146
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00222
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Reg: SL / IRS: MACRS

KCCFact	0.18260	0.16553	0.14947	0.13456	0.14029	0.16812	0.20643	0.23594	0.13617	0.18049	0.17192	0.19923	0.15053	0.16057	0.15741	0.14366	0.14558	0.14229	0.14832	0.14063	0.16343	0.14145	0.12894
NPV-EoP	1.01117	1.04002	1.00275	1.38530	1.03134	1.04078	1.01523	1.01873	0.99755	1.01074	1.00894	1.01409	1.15824	1.16258	1.16133	1.15443	1.15559	1.15355	1.15711	1.15240	1.16290	1.15298	1.13796
NPV-BoP	1.12493	1.15703	1.11556	1.53865	1.14736	1.13778	1.12931	1.13334	1.10075	1.12445	1.12244	1.12818	1.28855	1.29338	1.29198	1.28430	1.28559	1.28332	1.28729	1.28205	1.29373	1.28269	1.26598
Pmt-EoP	0.19232	0.17434	0.15243	0.14172	0.14776	0.17707	0.21741	0.24850	0.14342	0.19010	0.18108	0.20984	0.15855	0.16912	0.16579	0.15111	0.15333	0.14986	0.15622	0.14812	0.17002	0.14899	0.13581
Pmt-BoP	0.17287	0.15671	0.14151	0.12739	0.13282	0.15916	0.19542	0.22337	0.12892	0.17088	0.16277	0.18862	0.14251	0.15202	0.14903	0.13601	0.13782	0.13471	0.14042	0.13314	0.15283	0.13392	0.12207
Year																							
1	0.25210	0.23406	0.22035	0.17776	0.20922	0.23648	0.27395	0.30952	0.20654	0.25015	0.24211	0.26740	0.20715	0.21682	0.21387	0.19985	0.20197	0.19829	0.20488	0.19633	0.21762	0.19731	0.17569
2	0.22193	0.21073	0.19643	0.17129	0.18843	0.21290	0.24155	0.26540	0.18103	0.22018	0.21296	0.23567	0.19618	0.20487	0.20221	0.18963	0.19153	0.18823	0.19415	0.18647	0.20558	0.18735	0.16794
3	0.19829	0.19079	0.17303	0.16301	0.17703	0.19272	0.21568	0.23681	0.16204	0.19673	0.19034	0.21046	0.18362	0.19332	0.19096	0.17983	0.18150	0.17857	0.18381	0.17701	0.19395	0.17779	0.16059
4	0.17936	0.17415	0.15734	0.15986	0.15892	0.17582	0.19451	0.21293	0.14776	0.17800	0.17243	0.18996	0.17560	0.18231	0.18026	0.17054	0.17201	0.16946	0.17403	0.16810	0.18286	0.16878	0.15379
5	0.16186	0.15956	0.14310	0.15339	0.14488	0.16100	0.17478	0.19049	0.13493	0.16071	0.15596	0.17091	0.16607	0.17179	0.17004	0.16176	0.16301	0.16083	0.16473	0.15968	0.17226	0.16026	0.14747
6	0.14783	0.14567	0.13231	0.14860	0.13352	0.14685	0.15852	0.17151	0.12555	0.14687	0.14295	0.15531	0.15698	0.16172	0.16027	0.15342	0.15445	0.15265	0.15588	0.15169	0.16210	0.15217	0.14160
7	0.13726	0.13178	0.12498	0.14286	0.12217	0.13271	0.14571	0.04410	0.11963	0.13659	0.13339	0.14317	0.14813	0.15187	0.15073	0.14531	0.14613	0.14470	0.14725	0.14395	0.15218	0.14433	0.13596
8	0.12668	0.12063	0.11765	0.13793	0.11356	0.12131	0.08108	-	0.11371	0.12612	0.12484	0.13103	0.13930	0.14206	0.14122	0.13723	0.13783	0.13678	0.13866	0.13623	0.14228	0.13651	0.13035
9	0.11611	0.11223	0.11031	0.13309	0.10769	0.11267	-	-	0.10780	0.11575	0.11428	0.00132	0.13048	0.13224	0.13170	0.12915	0.12953	0.12886	0.13006	0.12850	0.13239	0.12868	0.12474
10	0.02217	0.10382	0.10298	0.12825	0.10183	0.10402	-	-	0.10188	0.04158	0.10473	-	0.12165	0.12243	0.12219	0.12106	0.12123	0.12094	0.12147	0.12078	0.12249	0.12086	0.11913
11	-	0.09542	0.09565	0.12341	0.09597	0.09537	-	-	0.09596	-	0.01823	-	0.11282	0.11261	0.11267	0.11298	0.11294	0.11302	0.11287	0.11306	0.11259	0.11304	0.11352
12	-	0.05202	0.08832	0.11857	0.09011	0.02268	-	-	0.09004	-	-	-	0.10400	0.10279	0.10316	0.10496	0.10464	0.10510	0.10428	0.10534	0.10269	0.10522	0.10790
13	-	-	0.08099	0.11373	0.08425	-	-	-	0.08412	-	-	-	0.09517	0.09298	0.09365	0.09682	0.09634	0.09717	0.09568	0.09762	0.09280	0.09739	0.10229
14	-	-	0.02088	0.10889	0.07838	-	-	-	0.07820	-	-	-	0.08634	0.08316	0.08413	0.08874	0.08804	0.08925	0.08709	0.08990	0.08290	0.08957	0.09668
15	-	-	-	0.10405	0.07252	-	-	-	0.07228	-	-	-	0.07751	0.07334	0.07462	0.08066	0.07975	0.08133	0.07849	0.08217	0.07360	0.08175	0.09107
16	-	-	-	0.09921	0.06666	-	-	-	0.06636	-	-	-	0.07054	0.06077	0.06696	0.07443	0.07330	0.07527	0.07175	0.07631	0.04767	0.07529	0.08731
17	-	-	-	0.09437	0.03710	-	-	-	0.02231	-	-	-	0.06543	-	0.04707	0.07006	0.06872	0.07105	0.06686	0.07230	-	0.07167	0.08541
18	-	-	-	0.08953	-	-	-	-	-	-	-	-	0.06031	-	-	0.06569	0.06413	0.06684	0.06198	0.06828	-	0.06756	0.08351
19	-	-	-	0.08369	-	-	-	-	-	-	-	-	0.05519	-	-	0.06132	0.05954	0.06263	0.05709	0.06427	-	0.06345	0.08160
20	-	-	-	0.07985	-	-	-	-	-	-	-	-	-	-	-	0.05695	0.05495	0.05842	0.04744	0.06026	-	0.05934	0.07970
21	-	-	-	0.07642	-	-	-	-	-	-	-	-	-	-	-	0.05257	0.05036	0.05420	-	0.05625	-	0.05522	0.07780
22	-	-	-	0.07438	-	-	-	-	-	-	-	-	-	-	-	0.04820	0.04949	0.04999	-	0.05224	-	0.05111	0.07589
23	-	-	-	0.07234	-	-	-	-	-	-	-	-	-	-	-	0.04137	-	0.04578	-	0.04822	-	0.04700	0.07399
24	-	-	-	0.07030	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00383	-	0.04421	-	0.02856	0.07209
25	-	-	-	0.06826	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01018	-	-	0.07019
26	-	-	-	0.06623	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06828
27	-	-	-	0.06419	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06638
28	-	-	-	0.06215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06448
29	-	-	-	0.06011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06258
30	-	-	-	0.05807	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.06067
31	-	-	-	0.05604	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05877
32	-	-	-	0.05400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05687
33	-	-	-	0.05196	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05497
34	-	-	-	0.04992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05306
35	-	-	-	0.04788	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.05116
36	-	-	-	0.04585	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04926
37	-	-	-	0.04381	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04736
38	-	-	-	0.04177	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04545
39	-	-	-	0.03973	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04355
40	-	-	-	0.03770	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.04165
41	-	-	-	0.03566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03974
42	-	-	-	0.03362	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03784
43	-	-	-	0.03158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03594
44	-	-	-	0.02954	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03404
45	-	-	-	0.02751	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03213
46	-	-	-	0.02547	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.03023
47	-	-	-	0.02343	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02833
48	-	-	-	0.01566	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02643
49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02452
50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02262
51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02072
52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00216
53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Reg: ELG / BS: ELG

KCCFact	0.20242	0.18132	0.16864	0.15932	0.15895	0.18312	0.22864	0.24931	0.16217	0.20000	0.19133	0.21644	0.13795	0.36398	0.16135	0.15252	0.15242	0.15046	0.15534	0.15084	0.18529	0.16745	0.15053
NPV-EoP	1.12991	1.13925	1.13261	1.32246	1.16847	1.13360	1.09984	1.07649	1.18798	1.12054	1.12284	1.10173	1.06143	1.17279	1.19042	1.22563	1.20989	1.21984	1.21191	1.22605	1.13480	1.36490	1.32850
NPV-BoP	1.24765	1.26732	1.26006	1.47117	1.29992	1.26113	1.22358	1.19760	1.32165	1.24661	1.24916	1.22567	1.18084	1.30471	1.32434	1.36351	1.34603	1.35708	1.34825	1.37511	1.48497	1.51846	1.47796
Pmt-EoP	0.21320	0.19098	0.17783	0.15812	0.16741	0.19288	0.24533	0.26259	0.17081	0.21075	0.20152	0.22797	0.14529	0.17060	0.16995	0.16064	0.16053	0.15848	0.16362	0.15887	0.19516	0.17637	0.15855
Pmt-BoP	0.19164	0.17167	0.15985	0.14213	0.15048	0.17337	0.21173	0.23604	0.15353	0.18944	0.18114	0.20492	0.13060	0.15335	0.15276	0.14439	0.14430	0.14245	0.14707	0.14281	0.17542	0.15854	0.14251
Year																								
1	0.27589	0.28962	0.34899	0.18195	0.29174	0.30494	0.29772	0.37050	0.23810	0.28813	0.31649	0.32320	0.43638	0.27035	0.23675	0.21943	0.23864	0.23318	0.22573	0.21497	0.18990	0.17945	0.18051
2	0.25129	0.24510	0.24930	0.17801	0.23283	0.24816	0.26756	0.28854	0.21896	0.25425	0.25412	0.26706	0.27950	0.22936	0.21798	0.20526	0.21373	0.21021	0.20991	0.20195	0.18014	0.17307	0.17683
3	0.22626	0.21239	0.19787	0.17411	0.19828	0.21038	0.23630	0.22757	0.20216	0.22470	0.21270	0.22450	0.19815	0.20189	0.20151	0.19292	0.19548	0.19337	0.19610	0.19063	0.17333	0.16866	0.17320
4	0.20125	0.18492	0.16206	0.17025	0.17291	0.18044	0.20475	0.17782	0.18650	0.19515	0.18001	0.18817	0.13626	0.17983	0.18616	0.18141	0.17994	0.17902	0.18323	0.18037	0.16767	0.16500	0.16939
5	0.17646	0.16095	0.13621	0.16640	0.15264	0.15532	0.17327	0.13671	0.17167	0.16839	0.15277	0.15624	0.09037	0.16999	0.17162	0.17048	0.16608	0.16618	0.17101	0.17005	0.16267	0.16178	0.16599
6	0.15204	0.13971	0.11612	0.16256	0.13575	0.13372	0.14223	0.10304	0.15755	0.14339	0.12954	0.12799	0.07518	0.14445	0.15778	0.16001	0.15344	0.15445	0.15933	0.16040	0.15811	0.15884	0.16241
7	0.12822	0.12081	0.10990	0.15874	0.12131	0.11494	0.11218	0.07590	0.14409	0.12024	0.10953	0.10312	0.05694	0.12970	0.14457	0.14995	0.14178	0.14360	0.14814	0.15113	0.15390	0.15613	0.15885
8	0.10525	0.10397	0.08677	0.15494	0.10876	0.09852	0.08389	0.05453	0.13127	0.09905	0.09223	0.08145	0.04345	0.11643	0.13198	0.14027	0.13097	0.13349	0.13741	0.14220	0.14996	0.15358	0.15530
9	0.08352	0.08899	0.07575	0.15115	0.09772	0.08414	0.05840	0.03811	0.11907	0.07993	0.07728	0.06285	0.03333	0.10444	0.11998	0.13096	0.12089	0.12404	0.12742	0.13358	0.14624	0.15118	0.15176
10	0.06347	0.07572	0.06645	0.14738	0.08794	0.07156	0.03690	0.02586	0.10749	0.06300	0.06439	0.04723	0.02566	0.09356	0.10859	0.12200	0.11148	0.11518	0.11726	0.12526	0.14273	0.14891	0.14824
11	0.04564	0.06402	0.05852	0.14362	0.07922	0.06058	0.02043	0.01700	0.09654	0.04831	0.05332	0.03441	0.01980	0.08369	0.09780	0.11339	0.10268	0.10686	0.10783	0.11725	0.13939	0.14674	0.14473
12	0.03056	0.05376	0.05172	0.13988	0.07148	0.05101	0.00945	0.01081	0.08622	0.03591	0.04385	0.02420	0.01530	0.07472	0.08761	0.10512	0.09446	0.09904	0.09883	0.10952	0.13620	0.14466	0.14123
13	0.01867	0.04483	0.04584	0.13615	0.06438	0.04273	0.00342	0.00663	0.07653	0.02574	0.03581	0.01635	0.01184	0.06657	0.07804	0.09720	0.08677	0.09169	0.09025	0.10209	0.13316	0.14267	0.13775
14	0.01013	0.03769	0.04074	0.13245	0.05805	0.03558	0.00088	0.00391	0.06749	0.01770	0.02902	0.01055	0.00916	0.05919	0.06908	0.08962	0.07958	0.08478	0.08211	0.09405	0.13024	0.14076	0.13428
15	0.00472	0.03145	0.03629	0.12875	0.05233	0.02945	0.00014	0.00222	0.05910	0.01160	0.02334	0.00646	0.00768	0.05249	0.06074	0.08238	0.07287	0.07829	0.07439	0.08809	0.12744	0.13893	0.13082
16	0.00180	0.02480	0.03238	0.12508	0.04717	0.02422	0.00001	0.00128	0.05135	0.00719	0.01861	0.00372	0.00548	0.04644	0.05362	0.07549	0.06661	0.07220	0.06711	0.08153	0.12476	0.13716	0.12739
17	0.00053	0.02002	0.02896	0.12142	0.04249	0.01979	0.00000	0.00063	0.04424	0.00419	0.01472	0.00201	0.00423	0.04092	0.04592	0.06893	0.06078	0.06649	0.06026	0.07525	0.12218	0.13545	0.12396
18	0.00011	0.01602	0.02593	0.11779	0.03826	0.01605	0.00000	0.00031	0.03778	0.00227	0.01153	0.00100	0.00326	0.03605	0.03943	0.06273	0.05536	0.06114	0.05384	0.06926	0.11970	0.13381	0.12056
19	0.00002	0.01270	0.02326	0.11417	0.03442	0.01293	0.00000	0.00015	0.03194	0.00113	0.00895	0.00046	0.00251	0.03163	0.03355	0.05686	0.05032	0.05613	0.04785	0.06356	0.11732	0.13221	0.11717
20	0.00000	0.00997	0.02089	0.11058	0.03095	0.01034	0.00000	0.00007	0.02673	0.00051	0.00689	0.00019	0.00193	0.02767	0.02827	0.05134	0.04565	0.05145	0.04228	0.05815	0.11502	0.13068	0.11389
21	0.00000	0.00775	0.01879	0.10700	0.02780	0.00821	0.00000	0.00003	0.02211	0.00021	0.00524	0.00007	0.00148	0.02413	0.02356	0.04615	0.04133	0.04708	0.03714	0.05302	0.11280	0.12919	0.11045
22	0.00000	0.00597	0.01692	0.10346	0.02493	0.00646	0.00000	0.00001	0.01806	0.00007	0.00395	0.00002	0.00114	0.02097	0.01942	0.04131	0.03744	0.04301	0.03242	0.04818	0.11067	0.12775	0.10712
23	0.00000	0.00454	0.01525	0.09993	0.02236	0.00505	0.00000	0.00000	0.01456	0.00002	0.00295	0.00001	0.00087	0.01817	0.01580	0.03679	0.03366	0.03923	0.02819	0.04362	0.10861	0.12636	0.10381
24	0.00000	0.00342	0.01376	0.09643	0.02003	0.00391	0.00000	0.00000	0.01156	0.00001	0.00218	0.00000	0.00066	0.01569	0.01268	0.03261	0.03028	0.03571	0.02418	0.03934	0.10663	0.12501	0.10052
25	0.00000	0.00255	0.01243	0.09296	0.01792	0.00300	0.00000	0.00000	0.00904	0.00000	0.00159	0.00000	0.00050	0.01350	0.01003	0.02874	0.02717	0.03245	0.02064	0.03533	0.10471	0.12370	0.09725
26	0.00000	0.00188	0.01124	0.08951	0.01601	0.00229	0.00000	0.00000	0.00695	0.00000	0.00115	0.00000	0.00038	0.01158	0.00781	0.02519	0.02432	0.02943	0.01748	0.03160	0.10287	0.12244	0.09401
27	0.00000	0.00136	0.01017	0.08616	0.01428	0.00173	0.00000	0.00000	0.00525	0.00000	0.00082	0.00000	0.00029	0.00989	0.00598	0.02195	0.02172	0.02664	0.01467	0.02814	0.10109	0.12121	0.09079
28	0.00000	0.00098	0.00921	0.08271	0.01273	0.00129	0.00000	0.00000	0.00388	0.00000	0.00058	0.00000	0.00022	0.00842	0.00449	0.01900	0.01935	0.02406	0.01219	0.02493	0.09937	0.12002	0.08759
29	0.00000	0.00070	0.00833	0.07936	0.01133	0.00096	0.00000	0.00000	0.00281	0.00000	0.00040	0.00000	0.00016	0.00714	0.00334	0.01634	0.01720	0.02170	0.01003	0.02198	0.09771	0.11887	0.08442
30	0.00000	0.00049	0.00758	0.07604	0.01007	0.00070	0.00000	0.00000	0.00199	0.00000	0.00028	0.00000	0.00012	0.00603	0.00239	0.01395	0.01525	0.01952	0.00817	0.01928	0.09611	0.11776	0.08128
31	0.00000	0.00034	0.00688	0.07276	0.00893	0.00051	0.00000	0.00000	0.00137	0.00000	0.00019	0.00000	0.00009	0.00508	0.00168	0.01182	0.01348	0.01753	0.00657	0.01682	0.09457	0.11667	0.07817
32	0.00000	0.00023	0.00625	0.06951	0.00792	0.00037	0.00000	0.00000	0.00092	0.00000	0.00013	0.00000	0.00007	0.00426	0.00115	0.00993	0.01189	0.01570	0.00522	0.01458	0.09308	0.11563	0.07509
33	0.00000	0.00015	0.00568	0.06631	0.00700	0.00026	0.00000	0.00000	0.00060	0.00000	0.00008	0.00000	0.00005	0.00355	0.00077	0.00828	0.01045	0.01404	0.00410	0.01257	0.09165	0.11461	0.07204
34	0.00000	0.00010	0.00517	0.06314	0.00619	0.00018	0.00000	0.00000	0.00038	0.00000	0.00005	0.00000	0.00004	0.00295	0.00050	0.00684	0.00916	0.01252	0.00317	0.01076	0.09026	0.11363	0.06903
35	0.00000	0.00007	0.00471	0.06003	0.00546	0.00013	0.00000	0.00000	0.00023	0.00000	0.00003	0.00000	0.00003	0.00244	0.00031	0.00559	0.00801	0.01114	0.00241	0.00915	0.08892	0.11268	0.06605
36	0.00000	0.00004	0.00430	0.05695	0.00481	0.00009	0.00000	0.00000	0.00013	0.00000	0.00002	0.00000	0.00002	0.00201	0.00019	0.00453	0.00699	0.00990	0.00181	0.00772	0.08764	0.11175	0.06311
37	0.00000	0.00003	0.00392	0.05393	0.00422	0.00006	0.00000	0.00000	0.00008	0.00000	0.00001	0.00000	0.00001	0.00165	0.00011	0.00363	0.00607	0.00877	0.00133	0.00647	0.08639	0.11086	0.06021
38	0.00000	0.00002	0.00358	0.05096	0.00371	0.00004	0.00000	0.00000	0.00004	0.00000	0.00001	0.00000	0.00001	0.00135	0.00006	0.00287	0.00526	0.00775	0.00097	0.00537	0.08520	0.10999	0.05735
39	0.00000	0.00001	0.00327	0.04805	0.00325	0.00001	0.00000	0.00000	0.00002	0.00000	0.00001	0.00000	0.00001	0.00110	0.00003	0.00225	0.00455	0.00683	0.00068	0.00443	0.08404	0.10916	0.05453
40	0.00000	0.00001	0.00299	0.04519	0.00284	0.00002	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00001	0.00089	0.00002	0.00174	0.00392	0.00601	0.00048	0.00361	0.08293	0.10834	0.05175
41	0.00000	0.00000	0.00274	0.04239	0.00248	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00072	0.00001	0.00132	0.00337	0.00527	0.00032	0.00292	0.08186	0.10756	0.04903
42	0.00000	0.00000	0.00251	0.03966	0.00216	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00057	0.00000	0.00099	0.00288	0.00461	0.00021	0.00234	0.08083	0.10680	0.04635
43	0.00000	0.00000	0.00230	0.03699	0.00188	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00046	0.00000	0.00073	0.00246	0.00403	0.00014	0.00185	0.07984	0.10607	0.04373
44	0.00000	0.00000	0.00212	0.03440	0.00163	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00036	0.00000	0.00053	0.00209	0.00350	0.00009	0.00145	0.07888	0.10536	0.04116
45	0.00000	0.00000	0.00195	0.03187	0.00141	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00029	0.00000	0.00038	0.00177	0.00304	0.00005	0.00112	0.07797	0.10467	0.03865
46	0.00000	0.00000	0.00179	0.02943	0.00122	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00023	0.00000	0.00027	0.00150	0.00263	0.00003	0.00086	0.07708	0.10401	0.03619
47	0.00000	0.00000	0.00165	0.02707	0.00105	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00018	0.00000	0.00019	0.00126	0.00228	0.00002	0.00065	0.07623	0.10337	0.03380
48	0.00000	0.00000	0.00153	0.02479	0.00091	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00014	0.00000	0.00012	0.00106	0.00196	0.00001	0.00048	0.07542	0.10276	0.03148
49	0.00000	0.00000	0.00141	0.02261	0.00078	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00011	0.00000	0.00008	0.00088	0.00168	0.00001	0.00035	0.07464	0.10216	0.02922
50	0.00000	0.00000	0.00133	0.02051	0.00067	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00005	0.00073	0.00144	0.00000	0.00026	0.07389	0.10159	0.02704
51	0.00000	0.00000	0.00121	0.01852	0.00057	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00003	0.00061	0.00123	0.00000	0.00018	0.07317	0.10104	0.02493
52	0.00000	0.00000	0.00112	0.01662	0.00049	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00002	0.00050	0.00105	0.00000	0.00013	0.07248	0.10051	0.02290
53	0.00000	0.00000	0.00105	0.01483	0.00042	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00001	0.00041	0.00089	0.00000	0.00009	0.07182	0.10000	0.02095
54	0.00000	0.00000	0.00097	0.01314	0.00036	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00001	0.00034	0.00075	0.00000	0.00006	0.07118	0.09950	0.01908
55	0.00000	0.00000	0.00091	0.01156	0.00030	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00028	0.00064	0.00000	0.00004	0.07058	0.09903	0.01729
56	0.00000	0.00000	0.00085	0.01019	0.00026	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00023	0.00054	0.00000	0.00003	0.07000	0.09858	0.01560
57	0.00000	0.00000	0.00080	0.00874	0.00022	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00018	0.00045	0.00000	0.00002	0.06945	0.09814	0.01400
58	0.00000	0.00000	0.00075	0.00750	0.00018	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00015	0.00038	0.00000	0.00001	0.06892	0.09773	0.01249
59	0.00000	0.00000	0.00071	0.00637	0.00016	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00012	0.00032	0.00000	0.00001	0.06842	0.09733	0.01107
60	0.00000	0.00000	0.00067	0.00535	0.00013	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00010	0.00026	0.00000	0.00000	0.06794	0.09695	0.00975
61	0.00000	0.00000	0.00063	0.00445	0.00011	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00022	0.00000	0.00000	0.06749	0.09658	0.00853
62	0.00000	0.00000	0.00060	0.00365	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00006	0.00018	0.00000	0.00000	0.06706	0.09624	0.00740
63	0.00000	0.00000	0.00057	0.00295	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00015	0.00000	0.00000	0.06665	0.09591	0.00637
64	0.00000	0.00000	0.00055	0.00235	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00013	0.00000	0.00000	0.06626	0.09559	0.00544
65	0.00000	0.00000	0.00052	0.00184	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00010	0.00000	0.00000	0.06590	0.09529	0.00460
66	0.00000	0.00000	0.00050	0.00142	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00009	0.00000	0.00000	0.06555	0.09501	0.00385
67	0.00000	0.00000	0.00048	0.00107	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00007	0.00000	0.00000	0.06522	0.09474	0.00320
68	0.00000	0.00000	0.00046	0.00079	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00006	0.00000	0.00000	0.06492	0.09449	0.00262
69	0.00000	0.00000	0.00045	0.00057	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00005	0.00000	0.00000	0.06463	0.09425	0.00213
70	0.00000	0.00000	0.00043	0.00040	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00004	0.00000	0.00000	0.06436	0.09403	0.00171
71	0.00000	0.00000	0.00042	0.00028	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00004	0.00000	0.00000	0.06411	0.09382	0.00136
72	0.00000	0.00000	0.00041	0.00019	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00003	0.00000	0.00000	0.06388	0.09362	0.00107
73	0.00000	0.00000	0.00040	0.00012	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.06367	0.09344	0.00084
74	0.00000	0.00000	0.00039	0.00008	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.06347	0.09327	0.00065
75	0.00000	0.00000	0.00039	0.00005	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.06328	0.09311	0.00051
76	0.00000	0.00000	0.00038	0.00003	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.06312	0.09297	0.00040
77	0.00000	0.00000	0.00037	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.06297	0.09284	0.00032
78	0.00000	0.00000	0.00037	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00002	0.00000	0.00000	0.06283	0.09272	0.00026
79	0.00000	0.00000	0.00036	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00002	0.00000	0.00000	0.06271	0.09262	0.00022
80	0.00000	0.00000	0.00036	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00001	0.00000	0.00000	0.06260	0.09253	0.00020
81	0.00000	0.00000	0.00036	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00001	0.00000	0.00000	0.06251	0.09244	0.00018

Reg: ELG / BRS: MACRS

KCCFact	0.18348	0.16498	0.14946	0.13388	0.14006	0.16766	0.20537	0.23519	0.13584	0.17948	0.17118	0.19833	0.13493	0.16102	0.15745	0.14352	0.14576	0.14243	0.14825	0.14045	0.13652	0.13746	0.12794	
NPV-EoP	1.00501	1.03655	1.00225	1.17932	1.02966	1.03788	1.00998	1.01548	0.98921	1.00510	1.00456	1.00954	1.19206	1.16582	1.16166	1.15336	1.15707	1.15472	1.15659	1.15090	1.12755	1.12041	1.12911	
NPV-BoP	1.11897	1.15316	1.14506	1.34199	1.14550	1.15465	1.12360	1.12973	1.19049	1.11818	1.11757	1.12311	1.32617	1.29697	1.29235	1.28314	1.28724	1.28463	1.28671	1.28038	1.25439	1.24646	1.25614	
Pmt-EoP	0.19115	0.17376	0.15736	0.14101	0.14752	0.17659	0.21631	0.24771	0.14223	0.18904	0.18029	0.20889	0.16318	0.16959	0.16584	0.15117	0.15352	0.15002	0.15615	0.14793	0.14485	0.14478	0.13475	
Pmt-BoP	0.17182	0.15619	0.14154	0.12673	0.13263	0.15873	0.19443	0.22266	0.12784	0.16992	0.16206	0.18777	0.14668	0.15244	0.14907	0.13588	0.13800	0.13485	0.14036	0.13297	0.14818	0.13014	0.12112	
Year																								
1	0.26095	0.28208	0.33904	0.17897	0.28434	0.29844	0.28427	0.36202	0.22058	0.27463	0.30432	0.31149	0.48561	0.27392	0.23602	0.21752	0.23805	0.23221	0.22425	0.21276	0.18598	0.17485	0.17595	
2	0.22761	0.23144	0.23135	0.17212	0.21850	0.21593	0.24675	0.27500	0.19006	0.23177	0.23390	0.24826	0.30084	0.23124	0.21638	0.20141	0.21209	0.20780	0.20688	0.19751	0.17221	0.16381	0.16792	
3	0.20000	0.19550	0.17554	0.16563	0.17965	0.19504	0.21499	0.21329	0.16812	0.19866	0.18957	0.20385	0.21413	0.20383	0.19935	0.18752	0.19274	0.18969	0.19189	0.18438	0.16181	0.15526	0.16051	
4	0.17485	0.16679	0.13853	0.15947	0.15191	0.16382	0.18334	0.16388	0.14995	0.16976	0.15583	0.16745	0.16167	0.18174	0.18370	0.17482	0.17638	0.17428	0.17815	0.17240	0.15295	0.14790	0.15363	
5	0.14939	0.14229	0.10977	0.15360	0.13805	0.13806	0.15185	0.12157	0.13236	0.14196	0.12669	0.13446	0.12499	0.16287	0.16908	0.16302	0.16187	0.16061	0.16536	0.16126	0.14512	0.14138	0.14723	
6	0.13065	0.11996	0.09301	0.14800	0.11110	0.11519	0.12679	0.09229	0.12216	0.12215	0.10777	0.11117	0.09900	0.14629	0.15534	0.15195	0.14875	0.14823	0.15335	0.15084	0.13809	0.13552	0.14125	
7	0.11186	0.09941	0.07978	0.14265	0.09420	0.09458	0.10172	0.06847	0.11238	0.10352	0.09145	0.09041	0.07927	0.13320	0.14207	0.14121	0.13643	0.13658	0.14173	0.14071	0.13138	0.12989	0.13534	
8	0.09324	0.08504	0.06887	0.13749	0.08436	0.08134	0.07733	0.04953	0.10300	0.08619	0.07741	0.07208	0.06376	0.11727	0.12917	0.13072	0.12476	0.12550	0.13038	0.13080	0.12489	0.12439	0.12943	
9	0.07512	0.07391	0.05990	0.13234	0.07575	0.06972	0.05469	0.03484	0.09402	0.07029	0.06504	0.05616	0.05122	0.10433	0.11666	0.12046	0.11364	0.11490	0.11933	0.12110	0.11858	0.11901	0.12353	
10	0.05794	0.06319	0.05237	0.12719	0.06815	0.05952	0.03506	0.02379	0.08542	0.05598	0.05441	0.04259	0.04083	0.09224	0.10452	0.11042	0.10300	0.10473	0.10853	0.11158	0.11241	0.11372	0.11763	
11	0.04227	0.05368	0.04680	0.12205	0.06139	0.05057	0.01967	0.01574	0.07722	0.04337	0.04524	0.03131	0.03204	0.08092	0.09277	0.10060	0.09280	0.09495	0.09802	0.10226	0.10638	0.10852	0.11174	
12	0.02869	0.04529	0.04055	0.11692	0.05535	0.04276	0.00920	0.01006	0.06943	0.03236	0.03737	0.02222	0.02442	0.07027	0.08140	0.09100	0.08301	0.08533	0.08776	0.09311	0.10045	0.10338	0.10586	
13	0.01775	0.03794	0.03586	0.11180	0.04993	0.03595	0.00336	0.00620	0.06205	0.02356	0.03064	0.01514	0.01770	0.06026	0.07043	0.08161	0.07362	0.07645	0.07778	0.08415	0.09464	0.09831	0.09999	
14	0.00974	0.03154	0.03180	0.10668	0.04505	0.03005	0.00087	0.00368	0.05509	0.01633	0.02494	0.00985	0.01167	0.05081	0.05986	0.07244	0.06457	0.06767	0.06807	0.07537	0.08891	0.09329	0.09411	
15	0.00458	0.02693	0.02827	0.10157	0.04064	0.02497	0.00014	0.00210	0.04858	0.01081	0.02014	0.00607	0.00616	0.04189	0.04971	0.06349	0.05588	0.05921	0.05865	0.06677	0.08328	0.08833	0.08826	
16	0.00176	0.02128	0.02519	0.09647	0.03666	0.02061	0.00001	0.00115	0.04259	0.00676	0.01612	0.00353	0.00376	0.03716	0.04360	0.05846	0.05121	0.05473	0.05321	0.06207	0.08143	0.08712	0.08611	
17	0.00052	0.01726	0.02248	0.09137	0.03306	0.01691	0.00000	0.00060	0.03688	0.00397	0.01280	0.00191	0.00368	0.03288	0.03810	0.05365	0.04683	0.05051	0.04805	0.05754	0.07966	0.08596	0.08397	
18	0.00011	0.01387	0.02010	0.08629	0.02980	0.01377	0.00000	0.00030	0.03172	0.00216	0.01007	0.00096	0.00284	0.02902	0.03295	0.04907	0.04278	0.04636	0.04318	0.05320	0.07795	0.08484	0.08184	
19	0.00002	0.01104	0.01801	0.08121	0.02684	0.01113	0.00000	0.00014	0.02701	0.00108	0.00785	0.00044	0.00219	0.02553	0.02823	0.04471	0.03899	0.04285	0.03860	0.04905	0.07632	0.08376	0.07972	
20	0.00000	0.00871	0.01615	0.07615	0.02416	0.00894	0.00000	0.00006	0.02276	0.00049	0.00606	0.00018	0.00169	0.02240	0.02395	0.04058	0.03547	0.03937	0.03432	0.04508	0.07474	0.08272	0.07761	
21	0.00000	0.00680	0.01450	0.07389	0.02173	0.00712	0.00000	0.00003	0.01896	0.00020	0.00463	0.00007	0.00129	0.01959	0.02011	0.03668	0.03220	0.03612	0.03033	0.04130	0.07322	0.08171	0.07559	
22	0.00000	0.00525	0.01304	0.07164	0.01953	0.00563	0.00000	0.00001	0.01560	0.00007	0.00351	0.00002	0.00099	0.01708	0.01668	0.03300	0.02917	0.03307	0.02663	0.03771	0.07176	0.08073	0.07340	
23	0.00000	0.00402	0.01174	0.06941	0.01753	0.00441	0.00000	0.00000	0.01266	0.00002	0.00262	0.00001	0.00076	0.01484	0.01367	0.02955	0.02637	0.03024	0.02322	0.03431	0.07035	0.07979	0.07131	
24	0.00000	0.00304	0.01058	0.06718	0.01573	0.00343	0.00000	0.00000	0.01013	0.00001	0.00194	0.00000	0.00058	0.01285	0.01105	0.02633	0.02378	0.02759	0.02011	0.03109	0.06899	0.07887	0.06924	
25	0.00000	0.00227	0.00955	0.06497	0.01409	0.00264	0.00000	0.00000	0.00797	0.00000	0.00142	0.00000	0.00044	0.01109	0.00880	0.02334	0.02140	0.02513	0.01727	0.02807	0.06767	0.07799	0.06717	
26	0.00000	0.00168	0.00862	0.06277	0.01261	0.00202	0.00000	0.00000	0.00617	0.00000	0.00103	0.00000	0.00033	0.00954	0.00690	0.02057	0.01921	0.02285	0.01471	0.02523	0.06641	0.07713	0.06511	
27	0.00000	0.00122	0.00779	0.06058	0.01127	0.00153	0.00000	0.00000	0.00469	0.00000	0.00074	0.00000	0.00025	0.00817	0.00542	0.01802	0.01720	0.02074	0.01242	0.02258	0.06519	0.07630	0.06306	
28	0.00000	0.00088	0.00705	0.05840	0.01006	0.00115	0.00000	0.00000	0.00349	0.00000	0.00052	0.00000	0.00019	0.00698	0.00402	0.01569	0.01537	0.01878	0.01039	0.02011	0.06401	0.07549	0.06102	
29	0.00000	0.00063	0.00638	0.05624	0.00896	0.00085	0.00000	0.00000	0.00254	0.00000	0.00036	0.00000	0.00014	0.00593	0.00298	0.01357	0.01369	0.01697	0.00860	0.01782	0.06287	0.07471	0.05908	
30	0.00000	0.00044	0.00579	0.05409	0.00798	0.00063	0.00000	0.00000	0.00181	0.00000	0.00025	0.00000	0.00011	0.00503	0.00216	0.01165	0.01217	0.01531	0.00704	0.01571	0.06177	0.07396	0.05698	
31	0.00000	0.00031	0.00525	0.05196	0.00709	0.00046	0.00000	0.00000	0.00125	0.00000	0.00017	0.00000	0.00008	0.00424	0.00153	0.00992	0.01079	0.01378	0.00570	0.01378	0.06071	0.07322	0.05498	
32	0.00000	0.00021	0.00476	0.04984	0.00630	0.00033	0.00000	0.00000	0.00085	0.00000	0.00011	0.00000	0.00006	0.00356	0.00106	0.00839	0.00954	0.01238	0.00456	0.01201	0.05969	0.07251	0.05300	
33	0.00000	0.00014	0.00433	0.04774	0.00558	0.00024	0.00000	0.00000	0.00055	0.00000	0.00008	0.00000	0.00004	0.00298	0.00074	0.00703	0.00841	0.01109	0.00360	0.01040	0.05870	0.07182	0.05103	
34	0.00000	0.00009	0.00393	0.04566	0.00494	0.00017	0.00000	0.00000	0.00035	0.00000	0.00005	0.00000	0.00003	0.00249	0.00046	0.00584	0.00740	0.00992	0.00280	0.00895	0.05775	0.07115	0.04907	
35	0.00000	0.00006	0.00358	0.04360	0.00436	0.00012	0.00000	0.00000	0.00021	0.00000	0.00003	0.00000	0.00002	0.00206	0.00029	0.00480	0.00648	0.00885	0.00214	0.00765	0.05683	0.07050	0.04713	
36	0.00000	0.00004	0.00326	0.04156	0.00385	0.00008	0.00000	0.00000	0.00013	0.00000	0.00002	0.00000	0.00002	0.00170	0.00018	0.00391	0.00567	0.00788	0.00162	0.00649	0.05594	0.06988	0.04520	
37	0.00000	0.00002	0.00297	0.03954	0.00339	0.00005	0.00000	0.00000	0.00007	0.00000	0.00001	0.00000	0.00001	0.00140	0.00011	0.00315	0.00494	0.00700	0.00120	0.00547	0.05509	0.06927	0.04330	
38	0.00000	0.00002	0.00270	0.03755	0.00298	0.00004	0.00000	0.00000	0.00004	0.00000	0.00001	0.00000	0.00001	0.00115	0.00006	0.00251	0.00429	0.00620	0.00087	0.00457	0.05426	0.06868	0.04141	
39	0.00000	0.00001	0.00247	0.03558	0.00261	0.00002	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000	0.00001	0.00094	0.00003	0.00197	0.00372	0.00548	0.00062	0.00378	0.05346	0.06810	0.03954	
40	0.00000	0.00001	0.00225	0.03364	0.00229	0.00002	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00076	0.00002	0.00153	0.00321	0.00483	0.00043	0.00310	0.05269	0.06755	0.03770	
41	0.00000	0.00000	0.00206	0.03172	0.00200	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00061	0.00001	0.00117	0.00277	0.00425	0.00030	0.00252	0.05195	0.06701	0.03587	
42	0.00000	0.00000	0.00188	0.02984	0.00175	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00049	0.00000	0.00089	0.00237	0.00372	0.00020	0.00203	0.05124	0.06649	0.03407	
43	0.00000	0.00000	0.00172	0.02800	0.00152	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00039	0.00000	0.00066	0.00203	0.00326	0.00013	0.00162	0.05055	0.06399	0.03230	
44	0.00000	0.00000	0.00158	0.02618	0.00132	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00031	0.00000	0.00048	0.00173	0.00284	0.00008	0.00127	0.04989	0.06150	0.03055	
45	0.00000	0.00000	0.00145	0.02441	0.00115	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00025	0.00000	0.00035	0.00147	0.00247	0.00005	0.00099	0.04925	0.06503	0.02883	
46	0.00000	0.00000	0.00133	0.02268	0.00099	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00020	0.00000	0.00024	0.00124	0.00215	0.00003	0.00076	0.04863	0.06457	0.02714	
47	0.00000	0.00000	0.00122	0.02099	0.00086	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00015	0.00000	0.00017	0.00105	0.00186	0.00002	0.00058	0.04804	0.06413	0.02548	
48	0.00000	0.00000	0.00113	0.01935	0.00074	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00012	0.00000	0.00011	0.00088	0.00160	0.00001	0.00043	0.04747	0.06371	0.02386	
49	0.00000	0.00000	0.00104	0.01776	0.00064	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00009	0.00000	0.00008	0.00074	0.00138	0.00001	0.00032	0.04692	0.06329	0.02227	
50	0.00000	0.00000	0.00096	0.01622	0.00055	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00000	0.00005	0.00062	0.00119	0.00000	0.00023	0.04640	0.06290	0.02073	
51	0.00000	0.00000	0.00088	0.01475	0.00047	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00003	0.00051	0.00101	0.00000	0.00016	0.04589	0.06251	0.01922	
52	0.00000	0.00000	0.00082	0.01333	0.00040	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00002	0.00043	0.00087	0.00000	0.00012	0.04541	0.06214	0.01776	
53	0.00000	0.00000	0.00076	0.01197	0.00034	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00001	0.00035	0.00074	0.00000	0.00008	0.04494	0.06178	0.01634	
54	0.00000	0.00000	0.00070	0.01069	0.00029	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00001	0.00029	0.00063	0.00000	0.00005	0.04449	0.06144	0.01498	
55	0.00000	0.00000	0.00065	0.00947	0.00025	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00024	0.00053	0.00000	0.00004	0.04406	0.06111	0.01366	
56	0.00000	0.00000	0.00061	0.00833	0.00021	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00019	0.00045	0.00000	0.00002	0.04365	0.06079	0.01240	
57	0.00000	0.00000	0.00057	0.00727	0.00018	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00016	0.00038	0.00000	0.00001	0.04326	0.06048	0.01120	
58	0.00000	0.00000	0.00053	0.00628	0.00015	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00013	0.00031	0.00000	0.00001	0.04288	0.06019	0.01005	
59	0.00000	0.00000	0.00050	0.00538	0.00013	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	(0.00000)	0.00000	0.00010	0.00026	0.00000	0.00001	0.04252	0.05990	0.00897	
60	0.00000	0.00000	0.00047	0.00455	0.00011	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00008	0.00022	0.00000	0.00000	0.04217	0.05963	0.00795	
61	0.00000	0.00000	0.00044	0.00381	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00007	0.00018	0.00000	0.00000	0.04185	0.05937	0.00700	
62	0.00000	0.00000	0.00041	0.00315	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00005	0.00015	0.00000	0.00000	0.04153	0.05912	0.00611	
63	0.00000	0.00000	0.00039	0.00256	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00004	0.00013	0.00000	0.00000	0.04123	0.05888	0.00530	
64	0.00000	0.00000	0.00037	0.00206	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00003	0.00010	0.00000	0.00000	0.04095	0.05865	0.00455	
65	0.00000	0.00000	0.00035	0.00162	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00003	0.00009	0.00000	0.00000	0.04068	0.05843	0.00387	
66	0.00000	0.00000	0.00033	0.00126	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00002	0.00007	0.00000	0.00000	0.04042	0.05822	0.00326	
67	0.00000	0.00000	0.00032	0.00096	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00002	0.00006	0.00000	0.00000	0.04018	0.05802	0.00271	
68	0.00000	0.00000	0.00031	0.00071	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00001	0.00005	0.00000	0.00000	0.03995	0.05783	0.00223	
69	0.00000	0.00000	0.00029	0.00052	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00001	0.00004	0.00000	0.00000	0.03973	0.05765	0.00182	
70	0.00000	0.00000	0.00028	0.00037	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00001	0.00003	0.00000	0.00000	0.03953	0.05748	0.00146	
71	0.00000	0.00000	0.00027	0.00025	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00001	0.00003	0.00000	0.00000	0.03934	0.05732	0.00116	
72	0.00000	0.00000	0.00026	0.00017	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00002	0.00000	0.00000	0.03915	0.05717	0.00091	
73	0.00000	0.00000	0.00026	0.00011	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00002	0.00000	0.00000	0.03899	0.05703	0.00071	
74	0.00000	0.00000	0.00025	0.00007	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00002	0.00000	0.00000	0.03883	0.05689	0.00054	
75	0.00000	0.00000	0.00024	0.00004	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00001	0.00000	0.00000	0.03868	0.05677	0.00042	
76	0.00000	0.00000	0.00024	0.00002	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00001	0.00000	0.00000	0.03854	0.05665	0.00032	
77	0.00000	0.00000	0.00023	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00001	0.00000	0.00000	0.03842	0.05654	0.00024	
78	0.00000	0.00000	0.00023	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00001	0.00000	0.00000	0.03830	0.05644	0.00019	
79	0.00000	0.00000	0.00022	0.00000	0.00001	(0.00000)	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00001	0.00000	0.00000	0.03819	0.05635	0.00015	
80	0.00000	0.00000	0.00022	0.00000	0.00001	(0.00000)	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00001	0.00000	0.00000	0.03809	0.05626	0.00013	
81	0.00000	0.00000	0.00022	0.00000	0.00001	(0.00000)	0.00000	0.00000	0.00000	0.00000	(0.00000)	0.00000	0.00000	0.00000	(0.00000)	(0.00000)	0.00000	0.00001	0.00000	0.00000	0.03801	0.05619	0.00013	

CGS Curve Analysis

Account	2112	2115	2116	2121	2122	2123	2123	2124	2212	2220	2232	2351
HKOA Category	Motor Vehicles	Garage Work Equipment	Other Work Equipment	Furniture	Furniture	Office Support Equipment	Company Comm Equipment	Computers	Digital Switching	Operates Systems	Digital Circuit Equipment	Public Telephone
c	1.26213880	1.02766470	0.66668800	1.49966820	1.01954060	1.02010290	1.26213880	1.02766470	1.13339740	1.13339740	1.02010290	1.10249400
Ln g	-0.03960009	-5.71031270	0.00000000	-0.06494005	-4.48721980	-8.97443950	-0.03960009	-5.71031270	-0.21745512	-0.21745512	-8.97443950	-6.33418041
Ln s	0.00855372	0.14552408	-0.04344112	0.06177395	0.05859083	0.16316108	0.00855372	0.14552408	0.02396884	0.02396884	0.16316108	0.02401188
h	1.08762136	0.86399345	0.75391104	0.20958875	0.60288945	9.88942486	1.31729730	1.59656863	0.60871985	1.06705632	0.98261719	1.24842105
Adj Proj Life	9.19	11.57	13.26	47.71	16.59	11.24	7.59	6.26	16.43	9.37	10.18	8.01

Account	2351	2411	2421-m	2421-nm	2422-m	2422-nm	2423-m	2423-nm	2426-m	2426-nm	2441
HKOA Category	HD, SAI	Poles	Aerial Cable - Metallic	Aerial Cable - Non-Metallic	Underground - Metallic	Underground Non-Metallic	Buried - Metallic	Buried - Non-Metallic	Intrabuilding - Metallic	Intrabuilding - Non-Metallic	Station Systems
c	1.02766470	1.02010290	1.13339740	1.13339740	1.02766470	1.02766470	1.13339740	1.13339740	0.96009000	0.96000000	1.49906820
Ln g	-5.71031270	-8.97443950	-0.21745512	-0.21745512	-5.71031270	-5.71031270	-0.21745512	-0.21745512	-0.19488615	-0.19488615	-0.00491095
Ln s	0.02401188	0.16316108	0.02396884	0.02396884	0.14552408	0.14552408	0.02396884	0.02396884	-0.01125187	-0.01125187	0.00177395
h	0.52631579	0.62803306	0.59694323	0.44961744	0.47188000	0.43319471	0.50250348	0.41262061	0.63635864	0.42294140	0.19567539
Adj Proj Life	19.00	15.02	16.75	22.24	21.19	23.08	19.90	24.24	15.71	23.64	51.11

Given Yr	Fraction of Original Plant Surviving Through Given Year																					
1	0.99516	0.97611	0.92736	0.99985	0.96087	0.96568	0.99324	0.95071	0.99396	0.96739	0.96179	0.96983	0.85120	0.97630	0.99410	0.99582	0.98778	0.98886	0.99523	0.99623	0.99503	0.99673	0.99987
2	0.98287	0.94568	0.86000	0.99962	0.92195	0.92641	0.97501	0.88059	0.98485	0.96502	0.91761	0.92851	0.72255	0.95006	0.98526	0.99000	0.97357	0.97603	0.98839	0.99108	0.98960	0.99334	0.99966
3	0.96132	0.90921	0.79753	0.99929	0.88335	0.88280	0.94196	0.79373	0.97252	0.93219	0.86830	0.87608	0.61163	0.92146	0.97333	0.98247	0.95741	0.96156	0.97939	0.98449	0.99431	0.98963	0.99937
4	0.92849	0.86731	0.73960	0.99886	0.84512	0.83551	0.89050	0.69537	0.95685	0.88851	0.81477	0.81310	0.51628	0.89074	0.95618	0.97316	0.93938	0.94549	0.96915	0.97642	0.97857	0.98621	0.99898
5	0.88240	0.82073	0.68598	0.99831	0.80736	0.78528	0.81741	0.59136	0.93771	0.83405	0.75604	0.74074	0.43454	0.85812	0.93972	0.96202	0.91959	0.92791	0.95460	0.96693	0.97261	0.98248	0.99850
6	0.82129	0.77029	0.63606	0.99763	0.77014	0.73286	0.72085	0.48754	0.91505	0.76937	0.69914	0.66079	0.36468	0.82386	0.91787	0.94901	0.89812	0.90888	0.93869	0.95567	0.96642	0.97864	0.99792
7	0.74416	0.71686	0.58985	0.99683	0.73352	0.67904	0.60203	0.38912	0.88884	0.69566	0.63911	0.57564	0.30515	0.78822	0.89260	0.93410	0.87509	0.88848	0.92036	0.94293	0.96002	0.97471	0.99722
8	0.65135	0.66145	0.54701	0.99587	0.69758	0.62457	0.46695	0.30023	0.85911	0.61486	0.57896	0.48819	0.25457	0.75147	0.86394	0.91726	0.85061	0.86682	0.89965	0.92656	0.95343	0.97067	0.99640
9	0.54527	0.60495	0.50727	0.99476	0.66238	0.57020	0.32755	0.22359	0.82594	0.52945	0.51965	0.40168	0.21173	0.71398	0.83196	0.89648	0.82483	0.84398	0.87650	0.91258	0.94665	0.96653	0.99545
10	0.43101	0.54829	0.47043	0.99348	0.62797	0.51663	0.20043	0.16048	0.78947	0.44251	0.46204	0.31938	0.17555	0.67572	0.79678	0.87777	0.79787	0.82005	0.85097	0.89496	0.93969	0.96231	0.99435
11	0.31641	0.49236	0.43626	0.99200	0.59441	0.46448	0.10187	0.11062	0.74992	0.35747	0.40688	0.24432	0.14510	0.63727	0.75869	0.85516	0.76988	0.79516	0.82312	0.87571	0.93256	0.95799	0.99310
12	0.21118	0.43797	0.40457	0.99033	0.56175	0.41433	0.04024	0.07350	0.70758	0.27774	0.35482	0.17891	0.11956	0.59876	0.71764	0.83067	0.74101	0.76942	0.79303	0.85486	0.92528	0.95359	0.99168
13	0.12467	0.38582	0.37518	0.98843	0.53002	0.36664	0.01128	0.04674	0.66279	0.20641	0.30634	0.12472	0.09819	0.56051	0.67426	0.80436	0.71141	0.74293	0.76083	0.83243	0.91765	0.94911	0.99006
14	0.06284	0.33653	0.34793	0.98630	0.49926	0.32181	0.00199	0.02845	0.61599	0.14579	0.26180	0.08223	0.08038	0.52270	0.62893	0.77633	0.68123	0.71582	0.72666	0.80848	0.91028	0.94454	0.98829
15	0.02564	0.29056	0.32286	0.98391	0.46952	0.28012	0.00019	0.01653	0.56767	0.09716	0.22142	0.05091	0.06558	0.48557	0.58181	0.74666	0.65063	0.68821	0.69071	0.78305	0.90259	0.93990	0.98629
16	0.00818	0.24828	0.29922	0.98124	0.44080	0.24179	0.00001	0.00916	0.51838	0.06059	0.18530	0.02936	0.05333	0.44932	0.53370	0.71548	0.61977	0.66021	0.65320	0.75622	0.89477	0.93519	0.98407
17	0.00165	0.20990	0.27746	0.97826	0.41314	0.20691	0.00000	0.00483	0.46873	0.03502	0.15340	0.01562	0.04321	0.41414	0.48506	0.68292	0.58879	0.63194	0.61438	0.72809	0.88685	0.93040	0.98160
18	0.00027	0.17552	0.25733	0.97496	0.38655	0.17552	0.00000	0.00241	0.41936	0.01856	0.12560	0.00759	0.03490	0.38019	0.43648	0.64916	0.55784	0.60353	0.57454	0.69874	0.87883	0.92555	0.97897
19	0.00002	0.14515	0.23864	0.97131	0.36105	0.14758	0.00000	0.00114	0.37090	0.00891	0.10169	0.00333	0.02809	0.34762	0.38856	0.61437	0.52707	0.57509	0.53399	0.66832	0.87071	0.92063	0.97586
20	0.00000	0.11866	0.22130	0.96727	0.33664	0.12296	0.00000	0.00051	0.32400	0.00382	0.08140	0.00130	0.02252	0.31654	0.34192	0.57876	0.49661	0.54672	0.49306	0.63694	0.86251	0.91565	0.97255
21	0.00000	0.09588	0.20523	0.96283	0.31332	0.10151	0.00000	0.00022	0.27928	0.00144	0.06439	0.00045	0.01799	0.28705	0.29715	0.54256	0.46659	0.51855	0.45210	0.60476	0.85424	0.91061	0.96891
22	0.00000	0.07655	0.19032	0.95794	0.29109	0.08302	0.00000	0.00009	0.23728	0.00047	0.05034	0.00013	0.01432	0.25921	0.25479	0.50599	0.43714	0.49067	0.41147	0.57193	0.84589	0.90551	0.96493
23	0.00000	0.06037	0.17650	0.95257	0.26995	0.06725	0.00000	0.00003	0.19948	0.00013	0.03888	0.00003	0.01136	0.23308	0.21532	0.46931	0.40836	0.46319	0.37153	0.53864	0.83748	0.90036	0.96057
24	0.00000	0.04702	0.16367	0.94669	0.24989	0.05395	0.00000	0.00001	0.16326	0.00003	0.02965	0.00001	0.00898	0.20868	0.17915	0.43277	0.38036	0.43619	0.33266	0.50506	0.82902	0.89516	0.95581
25	0.00000	0.03615	0.15179	0.94026	0.23088	0.04285	0.00000	0.00000	0.13188	0.00001	0.02233	0.00000	0.00707	0.18603	0.14657	0.39664	0.35323	0.40977	0.29519	0.47140	0.82051	0.88991	0.95063
26	0.00000	0.02743	0.14076	0.93324	0.21292	0.03369	0.00000	0.00000	0.10446	0.00000	0.01661	0.00000	0.00554	0.16510	0.11776	0.36117	0.32705	0.38399	0.25945	0.43784	0.81196	0.88461	0.94498
27	0.00000	0.02053	0.13054	0.92558	0.19598	0.02622	0.00000	0.00000	0.08102	0.00000	0.01219	0.00000	0.00433	0.14588	0.09278	0.32663	0.30189	0.35894	0.22573	0.40460	0.80337	0.87927	0.93885
28	0.00000	0.01516	0.12105	0.91725	0.18005	0.02020	0.00000	0.00000	0.06142	0.00000	0.00882	0.00000	0.00337	0.12931	0.07157	0.29325	0.27780	0.33468	0.19427	0.37186	0.79476	0.87389	0.93219
29	0.00000	0.01103	0.11226	0.90920	0.16508	0.01539	0.00000	0.00000	0.04543	0.00000	0.00630	0.00000	0.00261	0.11234	0.05397	0.26127	0.25484	0.31126	0.16526	0.33984	0.78612	0.86847	0.92498
30	0.00000	0.00792	0.10411	0.89838	0.15107	0.01160	0.00000	0.00000	0.03272	0.00000	0.00444	0.00000	0.00201	0.09790	0.03972	0.23089	0.23304	0.28673	0.13889	0.30873	0.77747	0.86302	0.91718
31	0.00000	0.00560	0.09654	0.88775	0.13796	0.00865	0.00000	0.00000	0.02290	0.00000	0.00308	0.00000	0.00155	0.08492	0.02847	0.20230	0.21242	0.26713	0.11520	0.27870	0.76880	0.85753	0.90875
32	0.00000	0.00390	0.08953	0.87625	0.12574	0.00638	0.00000	0.00000	0.01554	0.00000	0.00211	0.00000	0.00118	0.07331	0.01984	0.17565	0.19299	0.24649	0.09423	0.24993	0.76013	0.85200	0.89965
33	0.00000	0.00267	0.08303	0.86383	0.11437	0.00465	0.00000	0.00000	0.01020	0.00000	0.00142	0.00000	0.00090	0.06299	0.01340	0.15104	0.17477	0.22684	0.07594	0.22257	0.75146	0.84645	0.88984
34	0.00000	0.00180	0.07700	0.85045	0.10381	0.00335	0.00000	0.00000	0.00646	0.00000	0.00095	0.00000	0.00068	0.05385	0.00876	0.12857	0.15774	0.20819	0.06023	0.19675	0.74279	0.84097	0.87929
35	0.00000	0.00120	0.07140	0.83606	0.09403	0.00239	0.00000	0.00000	0.00393	0.00000	0.00062	0.00000	0.00052	0.04581	0.00563	0.10827	0.14189	0.19054	0.04698	0.17258	0.73412	0.83527	0.86795
36	0.00000	0.00078	0.06622	0.82061	0.08499	0.00168	0.00000	0.00000	0.00230	0.00000	0.00040	0.00000	0.00039	0.03678	0.00336	0.09014	0.12719	0.17391	0.03699	0.15016	0.72548	0.82964	0.85579
37	0.00000	0.00050	0.06141	0.80405	0.07666	0.00117	0.00000	0.00000	0.00128	0.00000	0.00025	0.00000	0.00029	0.03266	0.00196	0.07415	0.11363	0.15829	0.02705	0.12953	0.71684	0.82399	0.84276
38	0.00000	0.00032	0.05695	0.78635	0.06899	0.00080	0.00000	0.00000	0.00068	0.00000	0.00016	0.00000	0.00022	0.02737	0.00109	0.06022	0.10115	0.14366	0.01992	0.11073	0.70823	0.81833	0.82862
39	0.00000	0.00020	0.05281	0.76747	0.06195	0.00054	0.00000	0.00000	0.00034	0.00000	0.00010	0.00000	0.00016	0.02261	0.00058	0.04826	0.08973	0.13000	0.01436	0.09376	0.69964	0.81264	0.81394
40	0.00000	0.00012	0.04897	0.74737	0.05551	0.00036	0.00000	0.00000	0.00016	0.00000	0.00006	0.00000	0.00012	0.01892	0.00029	0.03812	0.07931	0.11730	0.01011	0.07859	0.69109	0.80694	0.79808
41	0.00000	0.00007	0.04542	0.72603	0.04963	0.00024	0.00000	0.00000	0.00007	0.00000	0.00003	0.00000	0.00009	0.01560	0.00014	0.02966	0.06984	0.10554	0.00695	0.06519	0.68256	0.80122	0.78122
42	0.00000	0.00004	0.04212	0.70344	0.04427	0.00016	0.00000	0.00000	0.00003	0.00000	0.00002	0.00000	0.00006	0.01280	0.00006	0.02272	0.06128	0.09466	0.00465	0.05348	0.67406	0.79550	0.76331
43	0.00000	0.00002	0.03906	0.67960	0.03940	0.00010	0.00000	0.00000	0.00001	0.00000	0.00001	0.00000	0.00005	0.01044	0.00003	0.01710	0.05356	0.08466	0.00303	0.04336	0.66561	0.78976	0.74434
44	0.00000	0.00001	0.03622	0.65452	0.03499	0.00006	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00003	0.00847	0.00001	0.01265	0.04664	0.07548	0.00191	0.03472	0.65720	0.78401	0.72429
45	0.00000	0.00001	0.03359	0.62821	0.03098	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00694	0.00000	0.00918	0.04046	0.06708	0.00117	0.02745	0.64883	0.77826	0.70315
46	0.00000	0.00000	0.03115	0.60074	0.02738	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00549	0.00000	0.00653	0.03496	0.05944	0.00069	0.02140	0.64050	0.77250	0.68091
47	0.00000	0.00000	0.02889	0.57215	0.02414	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00438	0.00000	0.00455	0.03009	0.05250	0.00040	0.01645	0.63223	0.76674	0.65759
48	0.00000	0.00000	0.02679	0.54253	0.02123	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00347	0.00000	0.00310	0.02580	0.04622	0.00022	0.01245	0.62400	0.76098	0.63321
49	0.00000	0.00000	0.02484	0.51199	0.01862	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00274	0.00000	0.00206	0.02202	0.04056	0.00012	0.00928	0.61583	0.75521	0.60779
50	0.00000	0.00000	0.02304	0.48066	0.01630	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00215	0.00000	0.00134	0.01873	0.03548	0.00006	0.00680	0.60772	0.74945	0.58139
51	0.00000	0.00000	0.02137	0.44870	0.01422	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00167	0.00000	0.00084	0.01586	0.03093	0.00003	0.00489	0.59966	0.74369	0.55407
52	0.00000	0.00000	0.01981	0.41629	0.01238	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00129	0.00000	0.00052	0.01337	0.02687	0.00001	0.00346	0.59165	0.73793	0.52590
53	0.00000	0.00000	0.01837	0.38363	0.01076	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00100	0.00000	0.00031	0.01123	0.02327	0.00001	0.00239	0.58372	0.73218	0.49699
54	0.00000	0.00000	0.01704	0.35096	0.00932	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00076	0.00000	0.00016	0.00939	0.02008	0.00000	0.00162	0.57585	0.72643	0.46746
55	0.00000	0.00000	0.01580	0.31853	0.00805	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00058	0.00000	0.00010	0.00781	0.01727	0.00000	0.00108	0.56804	0.72069	0.43743
56	0.00000	0.00000	0.01465	0.28660	0.00693	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00044	0.00000	0.00005	0.00648	0.01480	0.00000	0.00070	0.56029	0.71495	0.40708
57	0.00000	0.00000	0.01359	0.25545	0.00596	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00033	0.00000	0.00003	0.00534	0.01264	0.00000	0.00044	0.55261	0.70923	0.37656
58	0.00000	0.00000	0.01260	0.22536	0.00510	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00024	0.00000	0.00001	0.00439	0.01075	0.00000	0.00027	0.54500	0.70352	0.34608
59	0.00000	0.00000	0.01169	0.19661	0.00438	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00018	0.00000	0.00001	0.00359	0.00911	0.00000	0.00016	0.53746	0.69782	0.31584
60	0.00000	0.00000	0.01084	0.16945	0.00372	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00013	0.00000	0.00000	0.00292	0.00770	0.00000	0.00010	0.52999	0.69213	0.28606
61	0.00000	0.00000	0.01005	0.14412	0.00316	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00010	0.00000	0.00000	0.00236	0.00646	0.00000	0.00005	0.52258	0.68646	0.25697
62	0.00000	0.00000	0.00932	0.12083	0.00268	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00000	0.00000	0.00190	0.00543	0.00000	0.00003	0.51525	0.68080	0.22878
63	0.00000	0.00000	0.00864	0.09972	0.00226	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.00153	0.00453	0.00000	0.00002	0.50799	0.67515	0.20174
64	0.00000	0.00000	0.00802	0.08091	0.00190	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00122	0.00377	0.00000	0.00001	0.50081	0.66953	0.17604
65	0.00000	0.00000	0.00743	0.06443	0.00160	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00097	0.00312	0.00000	0.00000	0.49369	0.66392	0.15189
66	0.00000	0.00000	0.00689	0.05029	0.00134	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00077	0.00258	0.00000	0.00000	0.48666	0.65833	0.12946
67	0.00000	0.00000	0.00639	0.03839	0.00112	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00060	0.00212	0.00000	0.00000	0.47969	0.65275	0.10689
68	0.00000	0.00000	0.00593	0.02861	0.00093	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00047	0.00174	0.00000	0.00000	0.47280	0.64720	0.09029
69	0.00000	0.00000	0.00550	0.02078	0.00077	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00037	0.00141	0.00000	0.00000	0.46598	0.64167	0.07371
70	0.00000	0.00000	0.00510	0.01466	0.00064	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00028	0.00115	0.00000	0.00000	0.45924	0.63616	0.05917
71	0.00000	0.00000	0.00473	0.01004	0.00053	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00022	0.00093	0.00000	0.00000	0.45258	0.63067	0.04665
72	0.00000	0.00000	0.00438	0.00664	0.00043	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00017	0.00075	0.00000	0.00000	0.44589	0.62521	0.03606
73	0.00000	0.00000	0.00407	0.00424	0.00035	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00013	0.00060	0.00000	0.00000	0.43948	0.61977	0.02729
74	0.00000	0.00000	0.00377	0.00260	0.00029	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00010	0.00048	0.00000	0.00000	0.43304	0.61435	0.02018
75	0.00000	0.00000	0.00350	0.00152	0.00024	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00038	0.00000	0.00000	0.42667	0.60896	0.01455
76	0.00000	0.00000	0.00324	0.00085	0.00019	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00030	0.00000	0.00000	0.42038	0.60359	0.01022
77	0.00000	0.00000	0.00301	0.00045	0.00015	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00024	0.00000	0.00000	0.41417	0.59825	0.00697
78	0.00000	0.00000	0.00279	0.00023	0.00012	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00019	0.00000	0.00000	0.40803	0.59293	0.00460
79	0.00000	0.00000	0.00259	0.00011	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00014	0.00000	0.00000	0.40197	0.58764	0.00294
80	0.00000	0.00000	0.00240	0.00005	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00011	0.00000	0.00000	0.39598	0.58238	0.00181

81	0.00000	0.00000	0.00222	0.00002	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00009	0.00000	0.00000	0.39007	0.57715	0.00107
Given Yr	Fraction of Original Plant Being Retired in Given Year																							
1	0.06484	0.02389	0.07264	0.00015	0.03913	0.03432	0.00676	0.04929	0.00604	0.01261	0.03821	0.03017	0.14880	0.02376	0.00590	0.00418	0.01222	0.01114	0.00477	0.00377	0.00497	0.00327	0.00013
2	0.01229	0.03043	0.06736	0.00023	0.03891	0.03927	0.01823	0.07012	0.00911	0.02237	0.04418	0.04132	0.12865	0.02624	0.00864	0.00582	0.01422	0.01283	0.00684	0.00515	0.00524	0.00339	0.00021
3	0.02156	0.03647	0.06247	0.00033	0.03861	0.04361	0.03305	0.08686	0.01233	0.03283	0.04931	0.05243	0.11692	0.02868	0.01193	0.00754	0.01616	0.01447	0.00900	0.00659	0.00549	0.00351	0.00029
4	0.03282	0.04190	0.05793	0.00043	0.03822	0.04729	0.05146	0.09836	0.01568	0.04367	0.05352	0.06298	0.09535	0.03073	0.01515	0.00931	0.01802	0.01606	0.01124	0.00807	0.00573	0.00362	0.00038
5	0.04610	0.04658	0.05372	0.00055	0.03776	0.05023	0.07310	0.10401	0.01913	0.05447	0.05673	0.07236	0.08174	0.03262	0.01847	0.01114	0.01980	0.01758	0.01355	0.00959	0.00597	0.00373	0.00048
6	0.06111	0.05044	0.04982	0.00067	0.03722	0.05242	0.09655	0.10382	0.02266	0.06468	0.05890	0.07995	0.06986	0.03426	0.02185	0.01301	0.02147	0.01903	0.01591	0.01115	0.00619	0.00384	0.00058
7	0.07713	0.05340	0.04620	0.00081	0.03661	0.05382	0.11882	0.09842	0.02621	0.07369	0.06003	0.08515	0.05953	0.03564	0.02526	0.01491	0.02303	0.02039	0.01831	0.01275	0.00640	0.00394	0.00070
8	0.09281	0.05543	0.04285	0.00095	0.03594	0.05447	0.13508	0.08889	0.02973	0.08082	0.06015	0.08745	0.05058	0.03675	0.02866	0.01684	0.02447	0.02167	0.02073	0.01436	0.00659	0.00404	0.00082
9	0.10608	0.05651	0.03973	0.00111	0.03520	0.05437	0.13940	0.07664	0.03317	0.08541	0.05931	0.08651	0.04284	0.03759	0.03198	0.01878	0.02578	0.02285	0.02314	0.01599	0.00678	0.00413	0.00095
10	0.11426	0.05666	0.03685	0.00128	0.03441	0.05357	0.12712	0.06311	0.03647	0.08693	0.05761	0.08236	0.03617	0.03816	0.03518	0.02071	0.02696	0.02392	0.02553	0.01762	0.00696	0.00423	0.00110
11	0.11460	0.05593	0.03417	0.00147	0.03356	0.05215	0.09856	0.04966	0.03955	0.08504	0.05515	0.07506	0.03045	0.03845	0.03819	0.02262	0.02799	0.02489	0.02785	0.01925	0.00713	0.00432	0.00125
12	0.10523	0.05439	0.03169	0.00168	0.03267	0.05015	0.06164	0.03732	0.04235	0.07973	0.05207	0.06540	0.02555	0.03849	0.04095	0.02449	0.02887	0.02575	0.03009	0.02085	0.00728	0.00440	0.00142
13	0.08651	0.05214	0.02939	0.00190	0.03173	0.04769	0.02896	0.02676	0.04479	0.07134	0.04848	0.05420	0.02137	0.03827	0.04338	0.02630	0.02960	0.02649	0.03221	0.02243	0.00743	0.00448	0.00160
14	0.06183	0.04929	0.02725	0.00213	0.03075	0.04483	0.00930	0.01830	0.04680	0.06062	0.04454	0.04249	0.01781	0.03781	0.04543	0.02804	0.03018	0.02711	0.03417	0.02396	0.00757	0.00456	0.00179
15	0.03700	0.04597	0.02527	0.00239	0.02975	0.04168	0.00180	0.01191	0.04832	0.04863	0.04038	0.03132	0.01480	0.03713	0.04702	0.02967	0.03060	0.02762	0.03595	0.02543	0.00769	0.00464	0.00200
16	0.01767	0.04229	0.02344	0.00267	0.02871	0.03834	0.00018	0.00737	0.04929	0.03657	0.03612	0.02155	0.01225	0.03625	0.04811	0.03118	0.03087	0.02800	0.03751	0.02683	0.00781	0.00471	0.00223
17	0.00633	0.03838	0.02173	0.00297	0.02766	0.03488	0.00001	0.00433	0.04965	0.02557	0.03190	0.01373	0.01011	0.03518	0.04864	0.03256	0.03098	0.02827	0.03882	0.02814	0.00792	0.00479	0.00247
18	0.00158	0.03437	0.02016	0.00330	0.02659	0.03139	0.00000	0.00241	0.04938	0.01646	0.02780	0.00803	0.00832	0.03395	0.04858	0.03376	0.03095	0.02841	0.03984	0.02934	0.00802	0.00485	0.00273
19	0.00025	0.03038	0.01869	0.00365	0.02550	0.02795	0.00000	0.00127	0.04846	0.00965	0.02391	0.00426	0.00681	0.03257	0.04792	0.03479	0.03077	0.02844	0.04055	0.03043	0.00812	0.00492	0.00301
20	0.00002	0.02648	0.01733	0.00404	0.02441	0.02462	0.00000	0.00063	0.04690	0.00509	0.02030	0.00203	0.00556	0.03108	0.04664	0.03561	0.03046	0.02836	0.04093	0.03138	0.00820	0.00498	0.00331
21	0.00000	0.02278	0.01607	0.00445	0.02332	0.02145	0.00000	0.00030	0.04472	0.00238	0.01790	0.00086	0.00453	0.02949	0.04477	0.03621	0.03002	0.02817	0.04096	0.03218	0.00828	0.00504	0.00364
22	0.00000	0.01933	0.01491	0.00489	0.02223	0.01849	0.00000	0.00013	0.04200	0.00097	0.01405	0.00031	0.00367	0.02784	0.04236	0.03657	0.02945	0.02788	0.04063	0.03282	0.00835	0.00510	0.00398
23	0.00000	0.01618	0.01382	0.00537	0.02114	0.01577	0.00000	0.00005	0.03880	0.00034	0.01146	0.00010	0.00296	0.02613	0.03947	0.03668	0.02878	0.02748	0.03993	0.03329	0.00841	0.00515	0.00436
24	0.00000	0.01335	0.01282	0.00588	0.02007	0.01330	0.00000	0.00002	0.03522	0.00010	0.00922	0.00003	0.00238	0.02440	0.03617	0.03654	0.02800	0.02700	0.03887	0.03357	0.00846	0.00520	0.00476
25	0.00000	0.01087	0.01189	0.00643	0.01900	0.01110	0.00000	0.00001	0.03138	0.00062	0.00732	0.00001	0.00191	0.02266	0.03258	0.03613	0.02713	0.02643	0.03747	0.03366	0.00851	0.00525	0.00519
26	0.00000	0.00872	0.01103	0.00702	0.01796	0.00916	0.00000	0.00000	0.02742	0.00000	0.00573	0.00000	0.00153	0.02093	0.02881	0.03547	0.02618	0.02577	0.03574	0.03356	0.00855	0.00530	0.00564
27	0.00000	0.00690	0.01022	0.00765	0.01694	0.00747	0.00000	0.00000	0.02345	0.00000	0.00442	0.00000	0.00121	0.01923	0.02498	0.03454	0.02516	0.02505	0.03372	0.03325	0.00859	0.00534	0.00613
28	0.00000	0.00537	0.00948	0.00833	0.01594	0.00603	0.00000	0.00000	0.01960	0.00000	0.00336	0.00000	0.00096	0.01757	0.02120	0.03338	0.02408	0.02426	0.03146	0.03273	0.00861	0.00538	0.00666
29	0.00000	0.00412	0.00879	0.00905	0.01496	0.00481	0.00000	0.00000	0.01599	0.00000	0.00252	0.00000	0.00076	0.01597	0.01760	0.03198	0.02296	0.02342	0.02899	0.03202	0.00864	0.00542	0.00721
30	0.00000	0.00312	0.00815	0.00982	0.01402	0.00379	0.00000	0.00000	0.01271	0.00000	0.00186	0.00000	0.00060	0.01444	0.01425	0.03038	0.02180	0.02253	0.02639	0.03112	0.00865	0.00546	0.00780
31	0.00000	0.00232	0.00756	0.01064	0.01310	0.00295	0.00000	0.00000	0.00982	0.00000	0.00136	0.00000	0.00047	0.01298	0.01125	0.02859	0.02062	0.02160	0.02369	0.03003	0.00867	0.00549	0.00843
32	0.00000	0.00170	0.00701	0.01150	0.01222	0.00227	0.00000	0.00000	0.00736	0.00000	0.00097	0.00000	0.00036	0.01161	0.00864	0.02666	0.01942	0.02064	0.02097	0.02877	0.00867	0.00552	0.00910
33	0.00000	0.00123	0.00650	0.01241	0.01137	0.00173	0.00000	0.00000	0.00534	0.00000	0.00069	0.00000	0.00028	0.01033	0.00643	0.02460	0.01822	0.01965	0.01829	0.02736	0.00867	0.00555	0.00981
34	0.00000	0.00087	0.00603	0.01338	0.01056	0.00130	0.00000	0.00000	0.00374	0.00000	0.00048	0.00000	0.00022	0.00914	0.00464	0.02247	0.01703	0.01865	0.01570	0.02582	0.00867	0.00558	0.01055
35	0.00000	0.00061	0.00559	0.01439	0.00978	0.00096	0.00000	0.00000	0.00253	0.00000	0.00033	0.00000	0.00017	0.00804	0.00323	0.02030	0.01585	0.01764	0.01325	0.02417	0.00866	0.00560	0.01134
36	0.00000	0.00042	0.00519	0.01545	0.00904	0.00071	0.00000	0.00000	0.00164	0.00000	0.00022	0.00000	0.00013	0.00703	0.00217	0.01833	0.01469	0.01663	0.01099	0.02243	0.00865	0.00563	0.01216
37	0.00000	0.00028	0.00481	0.01656	0.00833	0.00051	0.00000	0.00000	0.00102	0.00000	0.00015	0.00000	0.00010	0.00612	0.00149	0.01599	0.01357	0.01563	0.00894	0.02063	0.00863	0.00565	0.01303
38	0.00000	0.00019	0.00446	0.01770	0.00767	0.00037	0.00000	0.00000	0.00060	0.00000	0.00010	0.00000	0.00007	0.00529	0.00087	0.01393	0.01248	0.01463	0.00713	0.01880	0.00861	0.00567	0.01394
39	0.00000	0.00012	0.00414	0.01889	0.00704	0.00026	0.00000	0.00000	0.00034	0.00000	0.00006	0.00000	0.00006	0.00455	0.00051	0.01197	0.01143	0.01365	0.00556	0.01697	0.00859	0.00569	0.01488
40	0.00000	0.00008	0.00384	0.02010	0.00644	0.00018	0.00000	0.00000	0.00018	0.00000	0.00004	0.00000	0.00004	0.00390	0.00029	0.01014	0.01042	0.01270	0.00425	0.01516	0.00856	0.00570	0.01586
41	0.00000	0.00005	0.00356	0.02134	0.00588	0.00012	0.00000	0.00000	0.00009	0.00000	0.00002	0.00000	0.00003	0.00331	0.00015	0.00846	0.00947	0.01177	0.00316	0.01340	0.00853	0.00571	0.01687
42	0.00000	0.00003	0.00330	0.02259	0.00536	0.00008	0.00000	0.00000	0.00004	0.00000	0.00001	0.00000	0.00002	0.00280	0.00008	0.00695	0.00856	0.01087	0.00230	0.01171	0.00849	0.00573	0.01791
43	0.00000	0.00002	0.00306	0.02384	0.00487	0.00006	0.00000	0.00000	0.00002	0.00000	0.00001	0.00000	0.00002	0.00236	0.00004	0.00561	0.00771	0.01001	0.00162	0.01012	0.00845	0.00574	0.01897
44	0.00000	0.00001	0.00284	0.02508	0.00442	0.00004	0.00000	0.00000	0.00001	0.00000	0.00001	0.00000	0.00001	0.00197	0.00002	0.00445	0.00692	0.00918	0.00111	0.00864	0.00841	0.00575	0.02005
45	0.00000	0.00001	0.00263	0.02630	0.00399	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00164	0.00001	0.00347	0.00618	0.00839	0.00074	0.00727	0.00837	0.00575	0.02114
46	0.00000	0.00000	0.00244	0.02748	0.00360	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00135	0.00000	0.00265	0.00550	0.00765	0.00048	0.00605	0.00832	0.00576	0.02223
47	0.00000	0.00000	0.00226	0.02859	0.00324	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00111	0.00000	0.00198	0.00487	0.00694	0.00030	0.00495	0.00827	0.00576	0.02332
48	0.00000	0.00000	0.00210	0.02962	0.00291	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00091	0.00000	0.00145	0.00430	0.00628	0.00018	0.00400	0.00822	0.00576	0.02438
49	0.00000	0.00000	0.00195	0.03054	0.00261	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00073	0.00000	0.00104	0.00377	0.00566	0.00010	0.00318	0.00817	0.00576	0.02542
50	0.00000	0.00000	0.00180	0.03133	0.00233	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00059	0.00000	0.00072	0.00330	0.00508	0.00006	0.00248	0.00811	0.00576	0.02640
51	0.00000	0.00000	0.00167	0.03196	0.00207	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00047	0.00000	0.00049	0.00287	0.00455	0.00003	0.00190	0.00806	0.00576	0.02732
52	0.00000	0.00000	0.00155	0.03241	0.00184	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00038	0.00000	0.00033	0.00249	0.00406	0.00002	0.00144	0.00800	0.00576	0.02817
53	0.00000	0.00000	0.00144	0.03266	0.00163	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00030	0.00000	0.00021	0.00214	0.00360	0.00001	0.00106	0.00794	0.00575	0.02891
54	0.00000	0.00000	0.00133	0.03267	0.00144	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00023	0.00000	0.00013	0.00184	0.00319	0.00000	0.00077	0.00788	0.00575	0.02953
55	0.00000	0.00000	0.00124	0.03243	0.00127	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00018	0.00000	0.00008	0.00157	0.00281	0.00000	0.00055	0.00781	0.00574	0.03002
56	0.00000	0.00000	0.00115	0.03193	0.00111	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00014	0.00000	0.00005	0.00134	0.00247	0.00000	0.00038	0.00775	0.00573	0.03036
57	0.00000	0.00000	0.00106	0.03115	0.00098	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00011	0.00000	0.00003	0.00113	0.00216	0.00000	0.00026	0.00768	0.00572	0.03051
58	0.00000	0.00000	0.00099	0.03009	0.00085	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00001	0.00095	0.00189	0.00000	0.00017	0.00761	0.00571	0.03048
59	0.00000	0.00000	0.00092	0.02875	0.00074	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00001	0.00080	0.00164	0.00000	0.00011	0.00754	0.00570	0.03024
60	0.00000	0.00000	0.00085	0.02716	0.00065	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00000	0.00067	0.00142	0.00000	0.00007	0.00747	0.00569	0.02978
61	0.00000	0.00000	0.00079	0.02533	0.00056	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00000	0.00055	0.00122	0.00000	0.00004	0.00740	0.00567	0.02910
62	0.00000	0.00000	0.00073	0.02330	0.00048	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00046	0.00105	0.00000	0.00002	0.00733	0.00566	0.02818
63	0.00000	0.00000	0.00068	0.02111	0.00042	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00038	0.00090	0.00000	0.00001	0.00726	0.00564	0.02705
64	0.00000	0.00000	0.00063	0.01881	0.00036	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00031	0.00076	0.00000	0.00001	0.00719	0.00563	0.02570
65	0.00000	0.00000	0.00058	0.01647	0.00030	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00025	0.00065	0.00000	0.00000	0.00711	0.00561	0.02415
66	0.00000	0.00000	0.00054	0.01415	0.00026	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00020	0.00055	0.00000	0.00000	0.00704	0.00559	0.02243
67	0.00000	0.00000	0.00050	0.01190	0.00022	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00016	0.00046	0.00000	0.00000	0.00696	0.00557	0.02057
68	0.00000	0.00000	0.00046	0.00978	0.00019	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00013	0.00038	0.00000	0.00000	0.00689	0.00555	0.01860
69	0.00000	0.00000	0.00043	0.00784	0.00016	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00010	0.00032	0.00000	0.00000	0.00682	0.00553	0.01658
70	0.00000	0.00000	0.00040	0.00611	0.00013	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00027	0.00000	0.00000	0.00674	0.00551	0.01454
71	0.00000	0.00000	0.00037	0.00463	0.00011	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00022	0.00000	0.00000	0.00667	0.00549	0.01252
72	0.00000	0.00000	0.00034	0.00340	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00018	0.00000	0.00000	0.00659	0.00547	0.01059
73	0.00000	0.00000	0.00032	0.00240	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00015	0.00000	0.00000	0.00651	0.00544	0.00877
74	0.00000	0.00000	0.00030	0.00164	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00012	0.00000	0.00000	0.00644	0.00542	0.00711
75	0.00000	0.00000	0.00027	0.00107	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00010	0.00000	0.00000	0.00636	0.00539	0.00562
76	0.00000	0.00000	0.00025	0.00067	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00008	0.00000	0.00000	0.00629	0.00537	0.00434
77	0.00000	0.00000	0.00024	0.00040	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00006	0.00000	0.00000	0.00621	0.00534	0.00325
78	0.00000	0.00000	0.00022	0.00023	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00005	0.00000	0.00000	0.00614	0.00532	0.00236

79		0.00000	0.00000	0.00020	0.00012	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00004	0.00000	0.00000	0.00606	0.00529	0.00166
80		0.00000	0.00000	0.00019	0.00006	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00003	0.00000	0.00000	0.00599	0.00526	0.00113
81		0.00000	0.00000	0.00017	0.00003	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00591	0.00523	0.00074
Given Yr	GL Depr	Fraction of Original Plant Depreciating Away in Given Year																							
1	1.0000	0.12591	0.14084	0.20537	0.02360	0.14313	0.15748	0.14965	0.22875	0.08484	0.13922	0.17005	0.17734	0.33732	0.11989	0.08336	0.06454	0.06543	0.07948	0.07139	0.05969	0.03245	0.02108	0.02224
2	0.5000	0.12107	0.11694	0.13273	0.02365	0.10400	0.12316	0.14289	0.17946	0.07879	0.12661	0.13184	0.14717	0.18652	0.09619	0.07747	0.06037	0.07321	0.06935	0.06661	0.05592	0.02748	0.01781	0.02210
3	0.3333	0.11493	0.10173	0.09905	0.02364	0.08455	0.10353	0.13377	0.14440	0.07424	0.11543	0.10975	0.12651	0.12420	0.08307	0.07305	0.05745	0.06610	0.06193	0.06319	0.05334	0.02496	0.01611	0.02200
4	0.2500	0.10774	0.08957	0.07823	0.02343	0.07168	0.08899	0.12276	0.11545	0.07013	0.10449	0.09331	0.10903	0.08722	0.07354	0.06907	0.05494	0.06071	0.05711	0.06018	0.05116	0.02303	0.01495	0.02190
5	0.2000	0.09954	0.07910	0.06375	0.02332	0.06212	0.07717	0.10989	0.09086	0.06621	0.09356	0.07983	0.09329	0.06339	0.06586	0.06528	0.05262	0.05621	0.05309	0.05736	0.04913	0.02160	0.01404	0.02181
6	0.1667	0.09032	0.06976	0.05300	0.02321	0.05457	0.06712	0.09527	0.07008	0.06239	0.08267	0.06856	0.07882	0.04704	0.05933	0.06159	0.05039	0.05225	0.04957	0.05467	0.04721	0.02040	0.01329	0.02171
7	0.1429	0.08014	0.06136	0.04470	0.02310	0.04836	0.05839	0.07918	0.05275	0.05861	0.07189	0.05876	0.06549	0.03539	0.05362	0.05795	0.04622	0.04867	0.04640	0.05202	0.04535	0.01937	0.01265	0.02161
8	0.1250	0.06912	0.05375	0.03810	0.02298	0.04313	0.05070	0.06221	0.03669	0.05486	0.06136	0.05019	0.05333	0.02669	0.04853	0.05434	0.04609	0.04538	0.04349	0.04940	0.04353	0.01846	0.01209	0.02151
9	0.1111	0.05752	0.04682	0.03274	0.02296	0.03864	0.04369	0.04532	0.02758	0.05115	0.05126	0.04267	0.04240	0.02057	0.04394	0.05075	0.04398	0.04232	0.04078	0.04661	0.04174	0.01763	0.01159	0.02141
10	0.1000	0.04573	0.04054	0.02833	0.02274	0.03473	0.03785	0.02983	0.01907	0.04746	0.04177	0.03608	0.03278	0.01581	0.03976	0.04720	0.04190	0.03946	0.03824	0.04424	0.03996	0.01698	0.01113	0.02131
11	0.0909	0.03430	0.03487	0.02464	0.02261	0.03129	0.03249	0.01712	0.01276	0.04382	0.03308	0.03032	0.02455	0.01219	0.03595	0.04368	0.03983	0.03676	0.03585	0.04169	0.03820	0.01618	0.01071	0.02120
12	0.0833	0.02368	0.02979	0.02154	0.02248	0.02824	0.02775	0.00816	0.00824	0.04022	0.02535	0.02530	0.01773	0.00942	0.03245	0.04021	0.03777	0.03422	0.03359	0.03916	0.03645	0.01554	0.01031	0.02108
13	0.0769	0.01512	0.02525	0.01890	0.02234	0.02552	0.02357	0.00302	0.00513	0.03669	0.01970	0.02097	0.01228	0.00729	0.02924	0.03660	0.03573	0.03181	0.03144	0.03665	0.03471	0.01493	0.00995	0.02096
14	0.0714	0.00846	0.02126	0.01664	0.02219	0.02308	0.01990	0.00090	0.00307	0.03325	0.01322	0.01724	0.00811	0.00565	0.02630	0.03346	0.03371	0.02963	0.02940	0.03417	0.03299	0.01436	0.00960	0.02084
15	0.0667	0.00404	0.01772	0.01469	0.02204	0.02089	0.01670	0.00013	0.00177	0.02990	0.00889	0.01406	0.00508	0.00438	0.02360	0.03022	0.03170	0.02736	0.02747	0.03173	0.03127	0.01392	0.00929	0.02071
16	0.0625	0.00158	0.01466	0.01300	0.02189	0.01890	0.01392	0.00001	0.00097	0.02666	0.00564	0.01136	0.00299	0.00339	0.02112	0.02708	0.02973	0.02534	0.02563	0.02933	0.02958	0.01330	0.00897	0.02058
17	0.0588	0.00047	0.01202	0.01154	0.02171	0.01710	0.01153	0.00000	0.00051	0.02360	0.00336	0.00911	0.00164	0.00262	0.01886	0.02408	0.02776	0.02341	0.02368	0.02699	0.02790	0.01282	0.00867	0.02044
18	0.0556	0.00010	0.00976	0.01026	0.02154	0.01547	0.00947	0.00000	0.00026	0.02068	0.00185	0.00723	0.00093	0.00203	0.01679	0.02121	0.02586	0.02159	0.02221	0.02471	0.02625	0.01235	0.00839	0.02030
19	0.0526	0.00001	0.00795	0.00914	0.02135	0.01400	0.00773	0.00000	0.00012	0.01794	0.00094	0.00569	0.00039	0.00157	0.01490	0.01852	0.02399	0.01987	0.02064	0.02249	0.02462	0.01190	0.00812	0.02014
20	0.0500	0.00000	0.00625	0.00816	0.02116	0.01265	0.00626	0.00000	0.00006	0.01539	0.00043	0.00443	0.00016	0.00121	0.01319	0.01599	0.02216	0.01825	0.01914	0.02036	0.02302	0.01148	0.00786	0.01999
21	0.0476	0.00000	0.00493	0.00729	0.02096	0.01143	0.00503	0.00000	0.00002	0.01304	0.00018	0.00341	0.00006	0.00093	0.01163	0.01366	0.02038	0.01673	0.01772	0.01831	0.02145	0.01107	0.00761	0.01982
22	0.0455	0.00000	0.00384	0.00653	0.02075	0.01032	0.00401	0.00000	0.00001	0.01091	0.00006	0.00260	0.00002	0.00071	0.01023	0.01163	0.01865	0.01530	0.01638	0.01636	0.01991	0.01067	0.00737	0.01965
23	0.0435	0.00000	0.00296	0.00585	0.02053	0.00931	0.00317	0.00000	0.00000	0.00900	0.00002	0.00196	0.00001	0.00055	0.00896	0.00960	0.01699	0.01396	0.01511	0.01451	0.01842	0.01029	0.00714	0.01947
24	0.0417	0.00000	0.00226	0.00525	0.02029	0.00839	0.00248	0.00000	0.00000	0.00732	0.00001	0.00146	0.00000	0.00042	0.00783	0.00789	0.01539	0.01271	0.01392	0.01278	0.01698	0.00993	0.00692	0.01928
25	0.0400	0.00000	0.00170	0.00471	0.02005	0.00756	0.00193	0.00000	0.00000	0.00585	0.00000	0.00108	0.00000	0.00032	0.00681	0.00638	0.01387	0.01154	0.01279	0.01116	0.01558	0.00958	0.00670	0.01908
26	0.0385	0.00000	0.00127	0.00424	0.01979	0.00680	0.00149	0.00000	0.00000	0.00459	0.00000	0.00079	0.00000	0.00024	0.00591	0.00508	0.01243	0.01045	0.01173	0.00966	0.01423	0.00924	0.00649	0.01887
27	0.0370	0.00000	0.00093	0.00381	0.01952	0.00611	0.00113	0.00000	0.00000	0.00354	0.00000	0.00057	0.00000	0.00018	0.00510	0.00397	0.01106	0.00945	0.01074	0.00829	0.01294	0.00891	0.00629	0.01865
28	0.0357	0.00000	0.00068	0.00343	0.01924	0.00548	0.00085	0.00000	0.00000	0.00267	0.00000	0.00040	0.00000	0.00014	0.00439	0.00304	0.00978	0.00852	0.00982	0.00704	0.01171	0.00859	0.00609	0.01843
29	0.0345	0.00000	0.00049	0.00310	0.01894	0.00491	0.00064	0.00000	0.00000	0.00197	0.00000	0.00028	0.00000	0.00011	0.00376	0.00229	0.00859	0.00765	0.00895	0.00591	0.01054	0.00828	0.00590	0.01819
30	0.0333	0.00000	0.00034	0.00279	0.01863	0.00439	0.00047	0.00000	0.00000	0.00142	0.00000	0.00020	0.00000	0.00008	0.00321	0.00168	0.00749	0.00686	0.00814	0.00491	0.00943	0.00798	0.00571	0.01794
31	0.0323	0.00000	0.00024	0.00252	0.01830	0.00393	0.00035	0.00000	0.00000	0.00100	0.00000	0.00013	0.00000	0.00006	0.00273	0.00120	0.00648	0.00614	0.00739	0.00403	0.00840	0.00769	0.00553	0.01768
32	0.0313	0.00000	0.00016	0.00229	0.01796	0.00350	0.00025	0.00000	0.00000	0.00068	0.00000	0.00009	0.00000	0.00004	0.00231	0.00084	0.00555	0.00547	0.00669	0.00327	0.00743	0.00741	0.00535	0.01741
33	0.0303	0.00000	0.00011	0.00206	0.01760	0.00312	0.00018	0.00000	0.00000	0.00045	0.00000	0.00006	0.00000	0.00003	0.00195	0.00057	0.00472	0.00486	0.00605	0.00261	0.00653	0.00714	0.00518	0.01712
34	0.0294	0.00000	0.00007	0.00186	0.01722	0.00278	0.00013	0.00000	0.00000	0.00029	0.00000	0.00004	0.00000	0.00002	0.00163	0.00038	0.00398	0.00431	0.00545	0.00206	0.00570	0.00688	0.00501	0.01683
35	0.0286	0.00000	0.00005	0.00168	0.01683	0.00247	0.00009	0.00000	0.00000	0.00018	0.00000	0.00003	0.00000	0.00002	0.00137	0.00024	0.00331	0.00381	0.00490	0.00160	0.00494	0.00663	0.00485	0.01652
36	0.0278	0.00000	0.00003	0.00152	0.01642	0.00219	0.00006	0.00000	0.00000	0.00011	0.00000	0.00002	0.00000	0.00001	0.00114	0.00015	0.00273	0.00336	0.00440	0.00122	0.00425	0.00638	0.00469	0.01619
37	0.0270	0.00000	0.00002	0.00138	0.01599	0.00194	0.00004	0.00000	0.00000	0.00006	0.00000	0.00001	0.00000	0.00001	0.00094	0.00009	0.00223	0.00295	0.00394	0.00091	0.00363	0.00614	0.00453	0.01585
38	0.0263	0.00000	0.00001	0.00125	0.01554	0.00171	0.00003	0.00000	0.00000	0.00003	0.00000	0.00001	0.00000	0.00001	0.00076	0.00005	0.00180	0.00258	0.00352	0.00067	0.00307	0.00591	0.00438	0.01550
39	0.0256	0.00000	0.00001	0.00113	0.01507	0.00151	0.00002	0.00000	0.00000	0.00002	0.00000	0.00000	0.00000	0.00001	0.00064	0.00003	0.00145	0.00226	0.00313	0.00049	0.00256	0.00568	0.00423	0.01514
40	0.0250	0.00000	0.00000	0.00103	0.01459	0.00133	0.00001	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00052	0.00001	0.00113	0.00196	0.00278	0.00034	0.00214	0.00546	0.00408	0.01475
41	0.0243	0.00000	0.00000	0.00093	0.01409	0.00117	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00042	0.00001	0.00087	0.00170	0.00246	0.00024	0.00176	0.00524	0.00394	0.01436
42	0.0238	0.00000	0.00000	0.00084	0.01357	0.00103	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00034	0.00000	0.00067	0.00147	0.00218	0.00016	0.00143	0.00504	0.00380	0.01395
43	0.0233	0.00000	0.00000	0.00076	0.01303	0.00090	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00027	0.00000	0.00050	0.00127	0.00192	0.00010	0.00116	0.00483	0.00366	0.01352
44	0.0227	0.00000	0.00000	0.00069	0.01247	0.00078	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00022	0.00000	0.00037	0.00109	0.00168	0.00007	0.00092	0.00464	0.00353	0.01306
45	0.0222	0.00000	0.00000	0.00063	0.01190	0.00068	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00017	0.00000	0.00027	0.00093	0.00148	0.00004	0.00072	0.00445	0.00340	0.01262
46	0.0217	0.00000	0.00000	0.00057	0.01132	0.00059	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00014	0.00000	0.00019	0.00079	0.00129	0.00002	0.00056	0.00426	0.00327	0.01215
47	0.0213	0.00000	0.00000	0.00052	0.01072	0.00052	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00011	0.00000	0.00013	0.00067	0.00112	0.00001	0.00043	0.00408	0.00315	0.01167
48	0.0208	0.00000	0.00000	0.00047	0.01011	0.00045	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00009	0.00000	0.00009	0.00057	0.00098	0.00001	0.00033	0.00390	0.00302	0.01117
49	0.0204	0.00000	0.00000	0.00043	0.00950	0.00039	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00000	0.00006	0.00048	0.00084	0.00000	0.00024	0.00373	0.00290	0.01067
50	0.0200	0.00000	0.00000	0.00039	0.00887	0.00033	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00000	0.00004	0.00040	0.00073	0.00000	0.00018	0.00357	0.00279	0.01015
51	0.0196	0.00000	0.00000	0.00035	0.00825	0.00029	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00003	0.00034	0.00063	0.00000	0.00013	0.00340	0.00267	0.00962
52	0.0192	0.00000	0.00000	0.00032	0.00762	0.00025	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00002	0.00028	0.00054	0.00000	0.00009	0.00324	0.00256	0.00908
53	0.0189	0.00000	0.00000	0.00029	0.00700	0.00021	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00001	0.00023	0.00046	0.00000	0.00006	0.00309	0.00245	0.00854
54	0.0185	0.00000	0.00000	0.00026	0.00638	0.00018	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00001	0.00019	0.00039	0.00000	0.00004	0.00294	0.00234	0.00800
55	0.0182	0.00000	0.00000	0.00024	0.00578	0.00015	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00016	0.00033	0.00000	0.00003	0.00280	0.00223	0.00745
56	0.0179	0.00000	0.00000	0.00021	0.00519	0.00013	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00013	0.00028	0.00000	0.00002	0.00265	0.00213	0.00690
57	0.0175	0.00000	0.00000	0.00019	0.00462	0.00011	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00011	0.00024	0.00000	0.00001	0.00252	0.00203	0.00636
58	0.0172	0.00000	0.00000	0.00017	0.00407	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00009	0.00020	0.00000	0.00001	0.00238	0.00192	0.00583
59	0.0169	0.00000	0.00000	0.00016	0.00355	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00017	0.00000	0.00000	0.00225	0.00183	0.00530
60	0.0167	0.00000	0.00000	0.00014	0.00306	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00006	0.00014	0.00000	0.00000	0.00212	0.00173	0.00479
61	0.0164	0.00000	0.00000	0.00013	0.00261	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00012	0.00000	0.00000	0.00200	0.00163	0.00429
62	0.0161	0.00000	0.00000	0.00011	0.00220	0.00005	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00010	0.00000	0.00000	0.00188	0.00154	0.00381
63	0.0159	0.00000	0.00000	0.00010	0.00182	0.00004	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00008	0.00000	0.00000	0.00176	0.00145	0.00336
64	0.0156	0.00000	0.00000	0.00009	0.00149	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00007	0.00000	0.00000	0.00164	0.00136	0.00293
65	0.0154	0.00000	0.00000	0.00008	0.00119	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00005	0.00000	0.00000	0.00153	0.00127	0.00253
66	0.0152	0.00000	0.00000	0.00007	0.00094	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00004	0.00000	0.00000	0.00142	0.00119	0.00216
67	0.0149	0.00000	0.00000	0.00006	0.00072	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00004	0.00000	0.00000	0.00131	0.00110	0.00182
68	0.0147	0.00000	0.00000	0.00006	0.00055	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00003	0.00000	0.00000	0.00121	0.00102	0.00151
69	0.0145	0.00000	0.00000	0.00005	0.00040	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00002	0.00000	0.00000	0.00111	0.00094	0.00124
70	0.0143	0.00000	0.00000	0.00004	0.00029	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00101	0.00086	0.00100
71	0.0141	0.00000	0.00000	0.00004	0.00020	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00091	0.00078	0.00079
72	0.0139	0.00000	0.00000	0.00003	0.00014	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00082	0.00070	0.00061
73	0.0137	0.00000	0.00000	0.00003	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00073	0.00063	0.00047
74	0.0135	0.00000	0.00000	0.00002	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00064	0.00055	0.00034
75	0.0133	0.00000	0.00000	0.00002	0.00003	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00056	0.00048	0.00025

76	0.0132	0.00000	0.00000	0.00002	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00047	0.00041	0.00017
77	0.0126	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00038	0.00033	0.00012
78	0.0128	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00030	0.00027	0.00007
79	0.0127	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00022	0.00020	0.00004
80	0.0125	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00015	0.00013	0.00002
81	0.0123	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00007	0.00006	0.00001

Average Net Investment In Given Year

Given Yr																								
1	0.93704	0.92958	0.89731	0.98810	0.92843	0.92126	0.92518	0.98562	0.95758	0.93039	0.91498	0.91133	0.83134	0.94006	0.95632	0.96773	0.95729	0.96026	0.96431	0.97015	0.98378	0.98946	0.98888
2	0.81355	0.80069	0.72826	0.96437	0.80486	0.78093	0.77891	0.68152	0.87577	0.79747	0.76404	0.74907	0.56842	0.83202	0.87790	0.90528	0.87797	0.88634	0.89531	0.91235	0.95382	0.97001	0.96871
3	0.69555	0.69135	0.61237	0.94078	0.71059	0.66759	0.64059	0.51958	0.79925	0.67645	0.64324	0.61223	0.41206	0.74238	0.80265	0.84637	0.80831	0.82121	0.83041	0.85772	0.92765	0.95305	0.94466
4	0.58421	0.58570	0.52373	0.91729	0.63248	0.57133	0.51232	0.38966	0.72706	0.56650	0.54172	0.49448	0.30635	0.66408	0.73159	0.79017	0.74491	0.76169	0.76872	0.80547	0.90370	0.93752	0.92271
5	0.49057	0.51137	0.45274	0.89392	0.56558	0.49825	0.39599	0.26650	0.65889	0.46747	0.45510	0.39330	0.23105	0.59436	0.66442	0.73639	0.68644	0.70658	0.70993	0.75533	0.88139	0.92303	0.90085
6	0.39564	0.43692	0.39436	0.87066	0.50723	0.41610	0.29341	0.20605	0.59459	0.37935	0.36084	0.30725	0.17584	0.53178	0.60098	0.68489	0.63221	0.65526	0.65390	0.70716	0.86039	0.90936	0.87909
7	0.30041	0.37134	0.34551	0.84750	0.45577	0.35334	0.20619	0.14464	0.53410	0.30207	0.31717	0.23510	0.13462	0.47530	0.54121	0.63558	0.58175	0.60727	0.60056	0.66098	0.84050	0.89639	0.85743
8	0.22578	0.31378	0.30411	0.82447	0.41002	0.29880	0.13549	0.09892	0.47736	0.23544	0.26270	0.17569	0.10348	0.42423	0.48507	0.58943	0.53473	0.56233	0.54985	0.61644	0.82159	0.88401	0.83587
9	0.16247	0.26350	0.26869	0.80154	0.36913	0.25151	0.08173	0.06578	0.42435	0.17913	0.21627	0.12783	0.07975	0.37799	0.43253	0.54339	0.49089	0.52019	0.50174	0.57380	0.80354	0.87218	0.81440
10	0.11084	0.21992	0.23815	0.77874	0.33245	0.21064	0.04416	0.04246	0.37505	0.13261	0.17689	0.09024	0.06156	0.33614	0.38355	0.50045	0.44999	0.48069	0.45621	0.53295	0.78628	0.86082	0.79304
11	0.07083	0.18212	0.21167	0.75607	0.29944	0.17547	0.02068	0.02654	0.32941	0.09519	0.14369	0.06157	0.04757	0.29829	0.33811	0.45959	0.41168	0.44384	0.41325	0.49387	0.76975	0.84990	0.77179
12	0.04173	0.14979	0.18958	0.73352	0.26967	0.14535	0.00804	0.01605	0.28739	0.06598	0.11586	0.04043	0.03676	0.26409	0.29616	0.42079	0.37639	0.40892	0.37282	0.45655	0.75389	0.83939	0.75066
13	0.02223	0.12226	0.16836	0.71112	0.24279	0.11968	0.00245	0.00936	0.24893	0.04395	0.09274	0.02542	0.02840	0.23324	0.25766	0.38404	0.34337	0.37640	0.33492	0.42097	0.73866	0.82926	0.72963
14	0.01044	0.09801	0.15059	0.68985	0.21850	0.09795	0.00054	0.00526	0.21395	0.02789	0.07364	0.01523	0.02193	0.20547	0.22253	0.34932	0.31270	0.34589	0.29951	0.38712	0.72402	0.81849	0.70873
15	0.00419	0.07953	0.13493	0.66874	0.19652	0.07865	0.00008	0.00284	0.18239	0.01694	0.05800	0.00863	0.01692	0.18052	0.19069	0.31661	0.28424	0.31755	0.26656	0.35439	0.70993	0.81005	0.68795
16	0.00138	0.06334	0.12109	0.64478	0.17663	0.06433	0.00001	0.00147	0.15410	0.00967	0.04529	0.00460	0.01304	0.15816	0.16204	0.28590	0.25789	0.28100	0.23603	0.32456	0.69637	0.80093	0.66731
17	0.00035	0.05000	0.10891	0.62298	0.15864	0.05161	0.00000	0.00073	0.12896	0.00517	0.03505	0.00229	0.01003	0.13817	0.13646	0.25714	0.23351	0.26625	0.20786	0.29592	0.68331	0.79211	0.64680
18	0.00007	0.03911	0.09791	0.60136	0.14235	0.04111	0.00000	0.00034	0.10681	0.00257	0.02689	0.00105	0.00770	0.12035	0.11381	0.23032	0.21101	0.24320	0.18202	0.26875	0.67072	0.78358	0.62643
19	0.00001	0.03030	0.08821	0.57991	0.12761	0.03251	0.00000	0.00015	0.08750	0.00117	0.02043	0.00044	0.00591	0.10451	0.09385	0.20540	0.19029	0.22178	0.15842	0.24331	0.65860	0.77532	0.60621
20	0.00000	0.02325	0.07956	0.55866	0.11429	0.02551	0.00000	0.00007	0.07084	0.00048	0.01537	0.00017	0.00452	0.09046	0.07669	0.18233	0.17123	0.20189	0.13698	0.21950	0.64689	0.76733	0.58815
21	0.00000	0.01766	0.07184	0.53780	0.10224	0.01987	0.00000	0.00003	0.05663	0.00018	0.01145	0.00006	0.00345	0.07805	0.06187	0.16106	0.15374	0.18346	0.11765	0.19726	0.63563	0.75960	0.56624
22	0.00000	0.01328	0.06493	0.51674	0.09136	0.01535	0.00000	0.00001	0.04465	0.00006	0.00845	0.00002	0.00263	0.06712	0.04927	0.14155	0.13773	0.16641	0.10032	0.17656	0.62476	0.75210	0.54651
23	0.00000	0.00988	0.05874	0.49610	0.08155	0.01176	0.00000	0.00000	0.03469	0.00002	0.00616	0.00000	0.00189	0.05752	0.03870	0.12373	0.12310	0.15087	0.08468	0.15741	0.61428	0.74485	0.52695
24	0.00000	0.00727	0.05320	0.47570	0.07269	0.00994	0.00000	0.00000	0.02653	0.00000	0.00445	0.00000	0.00151	0.04913	0.02996	0.10754	0.10977	0.13616	0.07123	0.13972	0.60417	0.73782	0.50759
25	0.00000	0.00529	0.04822	0.45553	0.06472	0.00673	0.00000	0.00000	0.01995	0.00000	0.00318	0.00000	0.00114	0.04181	0.02282	0.09290	0.09765	0.12280	0.05926	0.12344	0.59442	0.73101	0.48841
26	0.00000	0.00380	0.04374	0.43561	0.05754	0.00503	0.00000	0.00000	0.01472	0.00000	0.00224	0.00000	0.00086	0.03545	0.01710	0.07975	0.08665	0.11054	0.04885	0.10854	0.58501	0.72442	0.46943
27	0.00000	0.00270	0.03972	0.41595	0.05109	0.00372	0.00000	0.00000	0.01066	0.00000	0.00156	0.00000	0.00065	0.02995	0.01257	0.06801	0.07670	0.09930	0.03988	0.09495	0.57584	0.71803	0.45067
28	0.00000	0.00189	0.03609	0.39657	0.04529	0.00273	0.00000	0.00000	0.00755	0.00000	0.00108	0.00000	0.00048	0.02520	0.00907	0.05759	0.06772	0.08902	0.03222	0.08263	0.56718	0.71184	0.43213
29	0.00000	0.00131	0.03283	0.37749	0.04010	0.00198	0.00000	0.00000	0.00523	0.00000	0.00073	0.00000	0.00036	0.02113	0.00640	0.04840	0.05964	0.07964	0.02674	0.07150	0.55876	0.70585	0.41382
30	0.00000	0.00090	0.02988	0.35870	0.03544	0.00143	0.00000	0.00000	0.00353	0.00000	0.00049	0.00000	0.00027	0.01764	0.00442	0.04036	0.05238	0.07109	0.02033	0.06152	0.55062	0.70005	0.39576
31	0.00000	0.00060	0.02723	0.34024	0.03128	0.00102	0.00000	0.00000	0.00233	0.00000	0.00033	0.00000	0.00020	0.01467	0.00297	0.03338	0.04588	0.06333	0.01586	0.05260	0.54279	0.69443	0.37795
32	0.00000	0.00040	0.02483	0.32211	0.02757	0.00072	0.00000	0.00000	0.00149	0.00000	0.00021	0.00000	0.00015	0.01215	0.00195	0.02736	0.04008	0.05629	0.01220	0.04469	0.53523	0.68889	0.36041
33	0.00000	0.00026	0.02266	0.30433	0.02425	0.00050	0.00000	0.00000	0.00092	0.00000	0.00014	0.00000	0.00011	0.01002	0.00124	0.02222	0.03491	0.04992	0.00926	0.03771	0.52795	0.68372	0.34314
34	0.00000	0.00017	0.02070	0.28692	0.02130	0.00035	0.00000	0.00000	0.00055	0.00000	0.00009	0.00000	0.00008	0.00823	0.00077	0.01768	0.03032	0.04416	0.00693	0.03159	0.52094	0.67863	0.32617
35	0.00000	0.00011	0.01893	0.26990	0.01868	0.00024	0.00000	0.00000	0.00032	0.00000	0.00006	0.00000	0.00006	0.00673	0.00046	0.01423	0.02626	0.03999	0.00510	0.02627	0.51419	0.67370	0.30949
36	0.00000	0.00007	0.01733	0.25328	0.01635	0.00016	0.00000	0.00000	0.00018	0.00000	0.00003	0.00000	0.00004	0.00548	0.00027	0.01121	0.02267	0.03433	0.00369	0.02168	0.50768	0.66894	0.29314
37	0.00000	0.00004	0.01588	0.23708	0.01429	0.00011	0.00000	0.00000	0.00010	0.00000	0.00002	0.00000	0.00003	0.00444	0.00015	0.00873	0.01952	0.03016	0.00262	0.01774	0.50143	0.66433	0.27712
38	0.00000	0.00003	0.01456	0.22131	0.01247	0.00007	0.00000	0.00000	0.00005	0.00000	0.00001	0.00000	0.00002	0.00359	0.00008	0.00671	0.01675	0.02644	0.00183	0.01439	0.49540	0.65988	0.26144
39	0.00000	0.00002	0.01337	0.20601	0.01086	0.00005	0.00000	0.00000	0.00002	0.00000	0.00001	0.00000	0.00002	0.00288	0.00004	0.00510	0.01433	0.02311	0.00125	0.01156	0.48961	0.65559	0.24612
40	0.00000	0.00001	0.01229	0.19117	0.00944	0.00003	0.00000	0.00000	0.00001	0.00000	0.00000	0.00000	0.00001	0.00230	0.00002	0.00382	0.01223	0.02016	0.00083	0.00921	0.48404	0.65142	0.23118
41	0.00000	0.00001	0.01131	0.17684	0.00819	0.00002	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00183	0.00001	0.00282	0.01039	0.01754	0.00055	0.00726	0.47869	0.64741	0.21662
42	0.00000	0.00000	0.01043	0.16301	0.00709	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00145	0.00000	0.00205	0.00881	0.01522	0.00035	0.00566	0.47355	0.64354	0.20247
43	0.00000	0.00000	0.00962	0.14971	0.00613	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00114	0.00000	0.00147	0.00744	0.01317	0.00022	0.00436	0.46862	0.63981	0.18874
44	0.00000	0.00000	0.00889	0.13696	0.00529	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00090	0.00000	0.00103	0.00626	0.01137	0.00013	0.00332	0.46368	0.63621	0.17544
45	0.00000	0.00000	0.00823	0.12477	0.00455	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00070	0.00000	0.00071	0.00525	0.00979	0.00008	0.00250	0.45934	0.63275	0.16259
46	0.00000	0.00000	0.00763	0.11316	0.00392	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00054	0.00000	0.00049	0.00439	0.00940	0.00004	0.00186	0.45499	0.62941	0.15020
47	0.00000	0.00000	0.00709	0.10214	0.00336	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00042	0.00000	0.00032	0.00366	0.00720	0.00002	0.00136	0.45082	0.62620	0.13829
48	0.00000	0.00000	0.00660	0.09172	0.00289	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00032	0.00000	0.00021	0.00304	0.00615	0.00001	0.00098	0.44682	0.62312	0.12697
49	0.00000	0.00000	0.00615	0.08181	0.00246	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00025	0.00000	0.00013	0.00251	0.00524	0.00001	0.00070	0.44301	0.62016	0.11595
50	0.00000	0.00000	0.00574	0.07273	0.00210	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00019	0.00000	0.00008	0.00207	0.00445	0.00000	0.00049	0.43936	0.61731	0.10554
51	0.00000	0.00000	0.00539	0.06417	0.00179	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00014	0.00000	0.00005	0.00170	0.00377	0.00000	0.00034	0.43587	0.61458	0.09566
52	0.00000	0.00000	0.00504	0.05623	0.00152	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00011	0.00000	0.00003	0.00139	0.00319	0.00000	0.00023	0.43255	0.61197	0.08631
53	0.00000	0.00000	0.00474	0.04892	0.00129	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00000	0.00002	0.00113	0.00269	0.00000	0.00015	0.42938	0.60947	0.07750
54	0.00000	0.00000	0.00447	0.04223	0.00110	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00006	0.00000	0.00001	0.00092	0.00226	0.00000	0.00010	0.42637	0.60707	0.06923
55	0.00000	0.00000	0.00422	0.03615	0.00093	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00000	0.00001	0.00075	0.00190	0.00000	0.00006	0.42350	0.60478	0.06151
56	0.00000	0.00000	0.00399	0.03067	0.00079	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00000	0.00000	0.00060	0.00159	0.00000	0.00004	0.42077	0.60261	0.05433
57	0.00000	0.00000	0.00379	0.02577	0.00067	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00048	0.00133	0.00000	0.00002	0.41819	0.60053	0.04770
58	0.00000	0.00000	0.00361	0.02143	0.00056	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00000	0.00000	0.00039	0.00111	0.00000	0.00001	0.41574	0.59856	0.04161
59	0.00000	0.00000	0.00344	0.01782	0.00048	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00031	0.00093	0.00000	0.00001	0.41343	0.59668	0.03605
60	0.00000	0.00000	0.00330	0.01431	0.00041	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00025	0.00077	0.00000	0.00000	0.41124	0.59490	0.03100
61	0.00000	0.00000	0.00316	0.01147	0.00034	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00000	0.00000	0.00020	0.00065	0.00000	0.00000	0.40918	0.59322	0.02646
62	0.00000	0.00000	0.00304	0.00907	0.00029	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00016	0.00054	0.00000	0.00000	0.40725	0.59163	0.02241
63	0.00000	0.00000	0.00293	0.00706	0.00025	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00012	0.00045	0.00000	0.00000	0.40543	0.59014	0.01882
64	0.00000	0.00000	0.00284	0.00541	0.00021	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00010	0.00038	0.00000	0.00000	0.40373	0.58873	0.01568
65	0.00000	0.00000	0.00275	0.00407	0.00019	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00008	0.00032	0.00000	0.00000	0.40215	0.58742	0.01295
66	0.00000	0.00000	0.00267	0.00300	0.00016	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00006	0.00027	0.00000	0.00000	0.40067	0.58619	0.01061
67	0.00000	0.00000	0.00260	0.00217	0.00014	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00005	0.00023	0.00000	0.00000	0.39930	0.58504	0.00862
68	0.00000	0.00000	0.00254	0.00154	0.00012	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00004	0.00020	0.00000	0.00000	0.39804	0.58398	0.00696
69	0.00000	0.00000	0.00249	0.00107	0.00011	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00017	0.00000	0.00000	0.39688	0.58300	0.00558
70	0.00000	0.00000	0.00244	0.00072	0.00010	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00003	0.00015	0.00000	0.00000	0.39582	0.58211	0.00447
71	0.00000	0.00000	0.00240	0.00047	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00014	0.00000	0.00000	0.39486	0.58129	0.00358
72	0.00000	0.00000	0.00237	0.00031	0.00009	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00012	0.00000	0.00000	0.39400	0.58055	0.00287
73	0.00000	0.00000	0.00234	0.00019	0.00008	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00011	0.00000	0.00000	0.39322	0.57989	0.00234

74	0.00000	0.00000	0.00231	0.00012	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00002	0.00011	0.00000	0.00000	0.39254	0.57930	0.00193
75	0.00000	0.00000	0.00229	0.00008	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00010	0.00000	0.00000	0.39194	0.57878	0.00163
76	0.00000	0.00000	0.00227	0.00005	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00010	0.00000	0.00000	0.39144	0.57834	0.00142
77	0.00000	0.00000	0.00225	0.00003	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00009	0.00000	0.00000	0.39101	0.57797	0.00128
78	0.00000	0.00000	0.00224	0.00003	0.00007	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00009	0.00000	0.00000	0.39067	0.57767	0.00118
79	0.00000	0.00000	0.00223	0.00002	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00009	0.00000	0.00000	0.39040	0.57744	0.00112
80	0.00000	0.00000	0.00223	0.00002	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00009	0.00000	0.00000	0.39022	0.57728	0.00109
81	0.00000	0.00000	0.00223	0.00002	0.00006	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00009	0.00000	0.00000	0.39011	0.57718	0.00107

Pseudo-IRS Accelerated Depreciation Schedules -- Beginning of Year Placing Convention

Year	Category 1 3 Year	Category 2 5 Year	Category 3 7 Year	Category 4 10 Year	Category 5 15 Year	Category 6 20 Year	Category 7 31.5 Year
1	0.59870	0.36380	0.26090	0.18320	0.09490	0.07120	0.03175
2	0.27780	0.26000	0.21430	0.16500	0.09130	0.07000	0.03175
3	0.12350	0.15600	0.15310	0.13200	0.08210	0.06482	0.03175
4	-	0.11010	0.10930	0.10560	0.07390	0.05996	0.03175
5	-	0.11010	0.08750	0.08450	0.06650	0.05546	0.03175
6	-	-	0.08740	0.06760	0.05990	0.05130	0.03175
7	-	-	0.08750	0.06550	0.05900	0.04746	0.03175
8	-	-	-	0.06550	0.05910	0.04460	0.03175
9	-	-	-	0.06560	0.05900	0.04460	0.03175
10	-	-	-	0.06550	0.05910	0.04460	0.03175
11	-	-	-	-	0.05900	0.04460	0.03175
12	-	-	-	-	0.05910	0.04460	0.03175
13	-	-	-	-	0.05900	0.04460	0.03175
14	-	-	-	-	0.05910	0.04460	0.03175
15	-	-	-	-	0.05900	0.04460	0.03175
16	-	-	-	-	-	0.04460	0.03175
17	-	-	-	-	-	0.04460	0.03175
18	-	-	-	-	-	0.04460	0.03175
19	-	-	-	-	-	0.04460	0.03175
20	-	-	-	-	-	0.04460	0.03175
21	-	-	-	-	-	-	0.03175
22	-	-	-	-	-	-	0.03175
23	-	-	-	-	-	-	0.03175
24	-	-	-	-	-	-	0.03175
25	-	-	-	-	-	-	0.03175
26	-	-	-	-	-	-	0.03175
27	-	-	-	-	-	-	0.03175
28	-	-	-	-	-	-	0.03175
29	-	-	-	-	-	-	0.03175
30	-	-	-	-	-	-	0.03175
31	-	-	-	-	-	-	0.03175
32	-	-	-	-	-	-	0.01575
33	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-
67	-	-	-	-	-	-	-
68	-	-	-	-	-	-	-
69	-	-	-	-	-	-	-
70	-	-	-	-	-	-	-
71	-	-	-	-	-	-	-
72	-	-	-	-	-	-	-
73	-	-	-	-	-	-	-
74	-	-	-	-	-	-	-
75	-	-	-	-	-	-	-
76	-	-	-	-	-	-	-
77	-	-	-	-	-	-	-
78	-	-	-	-	-	-	-
79	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-
81	-	-	-	-	-	-	-

EXPENSE MODULE INPUTS

June 28, 2002
9:21 PM

	User Inputs	Calculations
State	Iowa	
Company	IOWA TELECOM - COMBINED	

Cost of Capital Inputs

Cost of Debt	8.80%		
Debt fraction	44.20%		
Cost of Equity	12.19%		
Equity fraction		55.80%	
Weighted equity fraction		65.43%	
Overall Cost of Capital		11.25%	

Traffic Inputs

local DEMs, thousands	4,184,552			
intrastate DEMs, thousands	1,144,600			
interstate DEMs, thousands	738,636	6,067,788	total DEMs, thousands	
Local call completion fraction	70.00%			
Total local calls attempted	1,193,881	835,717	Total local calls completed	
Total intraLATA calls completed	55,375			
Total interLATA calls completed - intrastate	81,867			
Total interLATA calls completed - interstate	106,279			
local DEM fraction	66.96%			
local interoffice traffic fraction	47.73%			
D link investment, per link	$ -			
Bus/Res DEMs ratio (local, state, interstate)	110%	200%	300%	
entrance facility investment per line	3.0		residential DEMs/line	20820.56079
local direct-routed fraction	98.00%		business DEMs/line	29818.51111
tandem-routed intraLATA fraction	20.00%			
tandem-routed access fraction	20.00%			
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	589			
Average trunk utilization	30.00%			

Cost Parameters

tax rate	38.25%
corporate overhead factor	0.00%
other taxes factor	5.00%
billing/bill inquiry per line per month	$ -
directory listing per line per month	$ -
forward-looking network operations factor	50.00%
alternative CO switching factor	2.00%
alternative circuit equipment factor	1.53%
EO non-port fraction	70.00%
per-line monthly LNP cost	$ -
Carrier, carrier customer service, per line per year	$ 29.13
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

Account	USOA Category	Economic Lives	Net Salvage Percent	Adjusted Projection Lives (years)	IRS Deprec Category	Regulatory Deprec Method (SL/ELG)	c
2112	Motor Vehicles	8.24	-0.1039	8.19	2	elg	1.2621368
2115	Garage Work Equipmen	12.22	-0.0558	11.57	3	elg	1.0276647
2116	Other Work Equipment	13.94	0.0169	13.26	2	elg	0
2121	Buildings	46.93	0.0164	47.71	6	elg	1.4990682
2122	Furniture	15.92	0.0402	16.59	3	elg	1.0195406
2123.1	Office Support Equipme	10.78	0.0412	11.24	3	elg	1.0201029
2123.2	Company Comm Equipm	7.4	0.0252	7.59	3	elg	1.2621368
2124	Computers	6.12	0.0229	6.26	2	elg	1.0276647
2212	Digital Switching	16.17	0.0157	16.41	2	elg	1.1333974
2220	Operator Systems	9.41	-0.0041	9.37	2	elg	1.1333974
2232.2	Digital Circuit Equipmen	10.24	-0.0062	10.18	2	elg	1.0201029
2351	Public Telephone	7.6	0.0512	8.01	2	elg	1.102494
	NID, SAI, Drop			18.00	5	elg	1.0276647
2411	Poles	30.25	-0.8998	15.92	5	elg	1.0201029
2421-m	Aerial Cable - Metallic	20.61	-0.2303	16.75	5	elg	1.1333974
2421-nm	Aerial Cable - Non-Meta	26.14	-0.1753	22.24	5	elg	1.1333974
2422-m	Underground - Metallic	25	-0.1797	21.19	5	elg	1.0276647
2422-nm	Underground - Non-Meta	26.45	-0.1458	23.08	5	elg	1.0276647
2423-m	Buried - Metallic	21.57	-0.0839	19.90	5	elg	1.1333974
2423-nm	Buried - Non-Metallic	25.91	-0.0691	24.24	5	elg	1.1333974
2426-m	Intrabuilding - Metallic	18.18	-0.1509	15.71	5	elg	8.9%
2426-nm	Intrabuilding - Non-Meta	26.11	-0.1043	23.84	5	elg	8.9%
2441	Conduit Systems	56.18	-0.0605	51.11	5	elg	1.4990682

Accelerated Tax Depreciation: TRUE

MACRS Life (years)	IRS Deprec Category
3.0	1
5.0	2
7.0	3
10.0	4
15.0	5
20.0	6
31.5	7

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	100%	100%	100%	100%	100%	100%
650-850	100%	100%	100%	100%	100%	100%
850-2550	100%	100%	100%	100%	100%	100%
2550-5000	100%	100%	100%	100%	100%	100%

5000-10000	100%	100%	100%	100%	100%	100%
>10000	100%	100%	100%	100%	100%	100%

Usage Calculations

Intrastate Toll DEMs	1,144,600,000	
Interstate Toll DEMs	738,636,000	
trunk port usage	6,697,126,816	
trk-min/mo	10,044	
interLATA ded. trunks	12,559	
Common Transport MOU		
Local	38,789,409	w/o OS usage
Intrastate Toll	228,920,000	
Interstate Toll	147,727,200	
	415,436,609	
Intrastate IntraLATA Calls	55,375	40.35% SOCCC message counts
Intrastate InterLATA Calls	81,867	59.65%
	137,242	

Calculation of EO Usage

Local DEMs, incl OS	4,184,552,000	69.0% of total DEMs		
Intraoffice Local DEMs	2,187,155,264			
Intraoffice Local Actual Min	1,093,577,632		**Dedicated Transport MOU**	
Interoffice Local Actual Min	1,997,396,736	per end	Local, w/o OS	950,340,516
Intrastate Toll Actual Min	1,144,600,000		IntraLATA Toll	184,731,278
Interstate Toll Actual Min	738,636,000		InterLATA Toll	1,513,773,445
	4,974,210,368			2,648,845,238
Tandem Switch MOU			Dedicated Trunk-SW	21,976
Local	19,394,704			
IntraLATA Toll	46,182,819			
InterLATA Toll	284,281,561			
	349,859,085			

ELG Curve Parameters		
Log B	Log x	Model Comments
-3.48000900E-02	8.55372000E-03	used the major account coeff. DWE
-5.71031270E+00	1.45524080E-01	for both Motor V. and Garage to Eq.
0.00000000E+00	4.34411200E-02	
-4.91004630E-03	1.77395000E-03	
-4.48721080E+00	5.85008300E-02	
-8.97443950E+00	1.6316108E-01	
-3.96000600E-02	8.55371580E-03	
-5.7103127E+00	1.4552408E-01	
-2.17455120E-01	2.39688400E-02	
-2.17455120E-01	2.39688400E-02	
-8.97443950E+00	1.6316108E-01	
-3.34100410E-01	2.40118790E-02	
-5.7103127E+00	2.40118790E-02	
-8.9744395E+00	1.6316108E-01	
-2.17455120E-01	2.39688400E-02	
-2.17455120E-01	2.39688400E-02	
-5.71031270E+00	1.45524080E-01	
-5.7103127E+00	1.4552408E-01	
-2.17455120E-01	2.39688400E-02	
-2.17455120E-01	2.39688400E-02	
-1.94866013E-01	1.12318173E-02	
-1.94866015E-01	1.12318173E-02	
-4.91004630E-03	1.77395000E-03	

AB REGULATED

	2001	COMPANY NAME:	GTIA	ICO	0.4325
OTHER TAXES & UNCOLLECTIBLES CALCULATION			EXPENSES		NET REVENUES
	7230	OPERATING STATE & LOCAL INCOME TAX-NET	0		
	7240	OPERATING OTHER TAXES	7,321		
	5300	UNCOLLECTIBLE REVENUES			3,539
	530	NET REVENUES			176,252
		GROSS REVENUES (5300 + 530)			179,791
		UNCLL/GROSS REV			0.010334
(5300-4040(p..r))/(5081+52		UNCLL RETAIL RATE			1.76%
(4040(p))/(5082..5084)		UNCLL WHOLESALE RATE			0.28%

EXP	INV	PLANT SPECIFIC OPERATIONS EXPENSES		A. EXPENSES	B. INVESTMENTS	C. EXP/INV (A/B)
		TPIS GENERAL SUPPORT				
	2111	2111	LAND		1,806	0.000000
	2121	2121	BUILDINGS		44,698	0
6121			TOTAL LAND & BUILDINGS	3,308	46,504	0.082707
6112	2112	2112	MOTOR VEHICLES	11	5,191	0.037000
6113	2113	2113	AIRCRAFT	0	0	#VALUE!
6114	2114	2114	SPECIAL PURPOSE VEHICLES	0	0	#VALUE!
6115	2115	2115	GARAGE WORK EQUIPMENT	1	58	0.000000
6116	2116	2116	OTHER WORK EQUIPMENT	0	6,033	0.010437
6122	2122	2122	FURNITURE	178	2,150	0.087469
6123	2123	2123	OFFICE EQUIPMENT	530	6,256	0.086074
6124	2124	2124	GENERAL PRUPOSE COMPUTERS	193	44,442	1.520935673
6120	2110	2110	TOTAL LAND & SUPPORT ASSETS	913	109,634	0.157886162
		TPIS - CENTRAL OFFICE SWITCHING				
		-	-			
6211	2211	2211	ANALOG ELECT SWITCH	0	0	1.389831
6212	2212	2212	DIGITAL ELECTRONIC SWITCHING	4,470	164,919	0.056982946
6220	2220	2220	OPERATOR SYSTEMS	303	376	0.171052632
6210	2210	22102210221022102210	CENTRAL OFFICE SWITCH	4,773	165,295	0.058532077
		TPIS - CENTRAL OFFICE TRANSMISSION				
		-	-			
6232	2232	2232	CIRCUIT EQUIPMENT	1,839	116,783	0.011243481
6230	2230	2230	TRANSMISSION	1,839	116,783	0.011240523
		TPIS - INFORMATION ORIG/TERM				
		-	-			
6311	2311	2311	STATION APPARATUS	0	0	#VALUE!
	2321	2321	CUSTOMER PREMISES WIRING		0	#VALUE!
6341	2341	2341	LARGE PRIVATE BRANCH EXCHANGE	0	0	#VALUE!
6351	2351	2351	PUBLIC TEL TERMINAL EQUIPMENT	0	0	#VALUE!
6362	2362	2362	OTHER TERMINAL EQUIPMENT	153	0	0.064761905
6310	2310	2310	TOTAL INFORMATION ORIG/TERM	153	4,793	0.04000272
		TPIS - CABLE & WIRE FACILITIES				
		-	-			
6411	2411	2411	POLES	317	5,110	0.036323
6421	2421	2421	AERIAL CABLE	2,282	25,455	0.047498
6422	2422	2422	UNDERGROUND CABLE	137	8,846	0.011246
6423	2423	2423	BURIED CABLE	6,568	295,492	0.023637
6441	2441	2441	CONDUIT SYSTEMS	19	5,376	0.000187441
6410	2410	2410	TOTAL CABLE & WIRE FACILITIES	9,323	340,279	0.025293
	240	240	TOTAL TPIS(BEFORE AMORTIZABLE ASSETS) (2110+2210+2220+2230+2310+2410)	20,698	757,048	0.024771228

		PLANT NON-SPECIFIC OPERATIONS EXPENSES		A. EXPENSES	B. TPIS INVESTMENT	C. EXP/INV (A/B)
		=	=	=	=	=
6512	240	6512	PROVISIONING EXPENSES	0	757,048	0.000407
6531	240	6531	POWER EXPENSES	1,070	757,048	0.001981
6532	240	6532	NETWORK ADMINISTRATION	3,894	757,048	0.004327
6533	240	6533	TESTING	1,104	757,048	0.002891
6534	240	6534	PLANT OPERATIONS ADMINISTRATION	2,754	757,048	0.005207
6535	240	6535	ENGINEERING	1,175	757,048	0.001995
6540	240	6540	ACCESS EXPENSE	8,208	757,048	0.010950533
6530	240	6530	TOTAL NETWORK OPERATIONS EXPENSES	9,997	757,048	0.017003091
6561	240	65616561656165616561	DEPRECIATION -TPISDEPRECIATION -TPIS	48,228 48,228 48,228	757,048 757,048 757,048	0.062874210.06287421
		NETWORK SUPPORT FACTOR CALCULATION		A. EXPENSES	B. CABLE & WIRE INV	C. EXP/INV (A/B)
		=	=	=	=	=
6112		2112	MOTOR VEHICLES	11		
6113		2113	AIRCRAFT	0		
6114		2114	SPECIAL PURPOSE VEHICLES	0		
6115		2115	GARAGE WORK EQUIPMENT	1		
6116		2116	OTHER WORK EQUIPMENT	0		
	2410		TOTAL NETWORK SUPPORT (EXCL 2113)	13	757,048	0.001200262
		CUSTOMER OPERATIONS EXPENSES		A. EXPENSES	B. NET REVENUES	C. EXP/NET REV (A/B)
		=	=	=	=	=
6611		6611	PRODUCT MANAGEMENT	467		CALC
6612		6612	SALES	485		CALC
6613		6613	PRODUCT ADVERTISING	459		CALC
6610		6610	TOTAL MARKETING EXPENSES	1,411		CALC
6621		6621	CALL COMPLETION SERVICE	243		CALC
6622		6622	NUMBER SERVICES	756		CALC
6623		6623	CUSTOMER SERVICES	9,967		CALC

6620	6620	TOTAL SERVICES EXPENSES	10,966		CALC
*	700	TOTAL CUSTOMER OPERATIONS EXPENSE (6610 + 6620)	12,377		CALC
	CORPORATE OPERATIONS EXPENSES		A. EXPENSES	B. REVENUES	C. EXP/REV (A/B)
	=	=	=	=	=
6711	6711	EXECUTIVE	782		CALC
6712	6712	PLANNING	0		CALC
6710	6710	TOTAL EXECUTIVE & PLANNING	782		CALC
6721	6721	ACCOUNTING & FINANCE	587		CALC
6722	6722	EXTERNAL RELATIONS	2,578		CALC
6723	6723	HUMAN RESOURCES	325		CALC
6724	6724	INFORMATION MANAGEMENT	4,108		CALC
6725	6725	LEGAL	1,045		CALC
6726	6726	PROCUREMENT	440		CALC
6727	6727	RESEARCH & DEVELOPMENT	0		CALC
6728	6728	OTHER GENERAL & ADMINISTRATIVE	4,725		CALC
6720	6720	TOTAL GENERAL & ADMINISTRATIVE	13,805		CALC
	710	TOTAL CORPORATE OPERATIONS EXPENSE (6710 + 6720 + 6790)	14,588		CALC
	720	TOTAL OPERATING EXPENSES			CALC
		DEM - LOCAL	4,184,552		
		DEM - INTRASTATE	1,144,600		
		DEM - INTERSTATE	738,636		
		MESSAGES - INTRALATA	56,375		
		MESSAGES - INTERLATA - interstate	106,279		
		MESSAGES - INTERLATA - intrastate	81867		
		LOCAL CALL ATTEMPTS	1,193,881		
		LINES - BUSINESS	57,046		
		RESIDENTIAL	213,653		
		PUBLIC	0		
		SPECIAL	22,393		
		TOTAL	293,092		
	5081	END USER		18,124	
	5082	SWITCHED ACCESS		14,999	
	5083	SPECIAL ACCESS		13,944	
		TOTAL INTER ACCESS		47,067	
	5084	END USER			
	5084	SWITCHED ACCESS			
	5084	SPECIAL ACCESS			
		STATE ACCESS		46,637	
		TOTAL ACCESS REVENUES		93,704	
		LD MESSAGE REVENUE			
	5100	INTERSTATE MESSAGE			
	5100	INTRASTATE MESSAGE			
	5100	INTERSTATE CALLING PLAN			
	5100	INTRASTATE CALLING PLAN			
		LD MSG REV (CLASS A)		1,981	
		UNIDIRECTIONAL LD			
	5110	INTERSTATE			
		INTRASTATE			
		TOTAL		83	
	5120	LD PRIVATE NETWORK		0	
		OTHER LD			
	5160	INTERSTATE			
		INTRASTATE			
		TOTAL		0	
		TOTAL LD NETWORK REVENUE			
		INTERSTATE			
		INTRASTATE			
		TOTAL		2,064	
		BASIC LOCAL SERVICE			
	5001	BASIC AREA		48,747	
	5002	OPTIONAL EXTEND AREA		12,721	
	5003	CELLAR MOBIL		0	
	5004	OTHER MOBIL SVC		0	
		TOTAL BASIC SVC		61,468	
		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			0	
		5040	LOCAL PRIVATE LINE			5,312	
			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			7,206	
			TOTAL LOCAL NETWORK SRVC REVENUE				
			INTERSTATE				
			INTRASTATE			73986	
			TOTAL REVENUE		169754		
	CAPITAL STRUCTURE PARAMETERS						
			DEBT/EQUITY RATIODEBT/EQUITY RATIODEBT/EQUITY RATIODEBT/EQUITY RATIODEBT/EQUITY RATIODEBT/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 SOURCE			sum check			
	ARMIS 4303ARMIS 4303		JAN 1996 TO DEC 1996JAN 1996 TO DEC 1996	495495495495495495	495495495495495495495495495495495495495495495		
	ARMIS 4304		IOWA	9010	9010		
	ARMIS 4308		GCIA	(EJ)	(EJ)		
	DEM						
	=		=	=	=	=	
	UNCOLL RATE:		BA Lcl Svc	4303,Ln 520			25505.8225
			LD Ntwk Svs Rev	4303,Ln 525			10055.1925
			End User	4303,Ln 5081			5212.0575
			Sw Acc	4303,Ln 5082			14100.365
			Spcl Acc	4303,Ln 5083			1922.03
			St Acc	4303,Ln 5084			20487.9575
			Uncoll Rev	4303,Ln 5300			822.615
			Tot Acc	4304,Ln4040 (P)			102.5025
			B&C	4304,Ln4040 (Q)			1.2975
			IX	4304,Ln4040 (R)			0
			Ln4040 (P+Q+R)	Calc (P+Q+R)			103.8
	Uncoll -Acc		5300-(4040p..r)	1a			718.815
	End User+ Revs		5081+520+525	1b			40773.0725
	Uncoll Retail Rate			1c=(a/b)			0.01762965
	Uncoll Wholesale rate		4040p/(5082..5084)	2a			0.002807491
	=		=	=	=	=	
	* REVENUE, EXP & INV DATA			4308 (DJ)	% to Total		
	FROM THE 4303 WERE		Companies:	AccLns	Cosa Group		
??	DERIVED FROM TOT LINE						
??	RATIO FROM 4308						
??							
??	** LINES DERIVED USING						
??	ARMIS 4301 LINE DATA						
266 ??	CALLS DERIVED USING NECA						
267	DEM DATA		GTIA+COIA+COSI	265970			1
268							1
269	=		=	=	=	=	

Actuals for 1996 ($000s)

		Investments		Expenses	Calculated Factor		
Plant-Specific Operations Expenses							
TPIS - General Support							
2111 Land	$	1,806	$	50	0.0276		0.0276
2112 Motor Vehicles	$	5,191	$	143	0.0276		0.0276
2113 Aircraft	$	0	$	0	0.0276		0.0276
2114 Special Purpose Vehicles	$	0	$	0	0.0276		0.0276
2115 Garage Work Equipment	$	58	$	2	0.0276		0.0276
2116 Other Work Equipment	$	6,033	$	167	0.0276		0.0276
2121 Buildings	$	44,698	$	4,050	0.0906	Land & Bldg Exp Applied to Bldgs	0.0906
2122 Furniture	$	2,150	$	195	0.0906		0.0906
2123 Office Equipment	$	5,256	$	476	0.0906		0.0906
2124 General Purpose Computers	$	44,442	$	4,026	0.0906		0.0906
2110 Total Land & Support Assets	$	109,634	$	9,108	0.0831		0
TPIS - Central Office Switching							
2211 Analog Electronic Switching	$	-	$	-	0.0000		0.0558
2212 Digital Electronic Switching	$	164,919	$	9,202	0.0558	5.58% NET CO Switch F	0.0558
2210 Total Central Office Switching	$	164,919	$	9,202	0.0558		0.0485
2220 Operator Systems	$	376	$	-	-		
TPIS - Central Office Transmission							
2231 Satellite & Earth Station Facilities							0.0204
2231 Other Radio Facilities							0.0171
2231 Radio Systems							0.013
2232 Circuit Equipment	$	116,783	$	2,336	0.0200	2.00% alternative factor	0.02
2230 Total Central Office Transmission	$	116,783	$	2,336	0.0200		0.02
TPIS - Information Orig/Term							
2311 Station Apparatus	$	-	$	-	0.0000		
2321 Customer Premises Wiring	$	-	$	-	0.0000		
2341 Large Private Branch Exchange	$	-	$	-	0.0000		
2351 Public Telephone Terminal Equipment	$	-	$	-	0.0000		
2362 Other Terminal Equipment	$	-	$	-	0.0000		
2310 Total Information Orig/Term	$	-	$	-	0.0000		
TPIS - Cable & Wire Facilities						**Alternative Cable Maintenance Factors**	
						Fiber / Copper	
2411 Poles	$	5,110	$	112	0.0219		0.0219
2421 Aerial Cable	$	25,455	$	1,703	0.0669	0.0073 / 0.0669	0.0669
2422 Underground Cable	$	8,846	$	186	0.0210	0.0084 / 0.0210	0.021
2423 Buried Cable	$	295,492	$	13,179	0.0446	0.0061 / 0.0446	0.0446
2424 Submarine Cable							
2425 Deep Sea Cable							
2426 Intrabuilding Network Cable							
2431 Aerial Wire							
2441 Conduit Systems	$	5,376	$	31	0.0058		0.0058
2410 Total Cable & Wire Facilities	$	340,279	$	15,211	0.0447		
240 Total TPIS (before amortizable assets)	$	622,357	$	35,857	0.0576		

Plant Non-Specific Operations Expenses

		Expenses		Investment	Factor	
6512 Provisioning Expenses	$	-	$	622,357	0.0000	
6531 Power Expenses	$	-	$	622,357	0.0000	0.00% all
6532 Network Administration	$	-	$	622,357	0.0000	0.00% switching, interoffice
6533 Testing	$	-	$	622,357	0.0000	0.00% all
6534 Plant Operations Administration	$	-	$	622,357	0.0000	0.00% all
6535 Engineering	$	-	$	622,357	0.0000	0.00% all
6540 Access Expense						
6530 Total Network Operations Expenses (includes provisioning)	$	0	$	622,357	0.0000	per line network operations (=total ARMIS 6530/total lines)
						total lines (from net. invest. inputs) 276,863
						annual net ops per line $ 0.00

Network Support Factor Calculation

		Expenses		Cable & Wire Inv	Factor
6112 Motor Vehicles	$	143			
6113 Aircraft	$	0			
6114 Special Purpose Vehicles	$	0			
6115 Garage Work Equipment	$	2			
6116 Other Work Equipment	$	167			
Aircraft & Special Purpose Vehicles	$	311	$	340,279	0.0009

Customer Operations Expenses

		Expenses			Net Revenues	Factor		
6611	Product Management *	$ -	$ -	$	1	-		0
6612	Sales *	$ -	$ -	$	1	-		0
6613	Product Advertising	$ -		$	1	-		0
6610	Total Marketing Expenses	$ -				-		
6621	Call Completion Service	$ -		$	1	-		0
6622	Number Services	$ -	$ -	$	1	-		0
6623	Customer Services	$ -	$ -	$	1	-		0
6620	Total Services Expenses	$ -	$ -			-		
	Billing/bill inquiry (per line/month)	$ -						
	Directory listing (per line/month)	-						
700	Total Customer Operations Expenses	$ -		$	1	-	-	

Corporate Operations Expenses

		Expenses		Revenues	Factor		
6711	Executive	$ -	$	1	-		0
6712	Planning	$ -	$	1	-		0
6710	Total Executive & Planning	$ -	$	1	-		
6721	Accounting & Finance	$ -	$	1	-		0
6722	External Relations	$ -	$	1	-		0
6723	Human Resources	$ -	$	1	-		0
6724	Information Management	$ -	$	1	-		0
6725	Legal	$ -	$	1	-		0
6726	Procurement	$ -	$	1	-		0
6727	Research & Development	$ -	$	1	-		0
6728	Other General & Administrative	$ -	$	1	-		0
6720	Total General & Administrative	$ -	$	1	-		0
			$	1			
710	Total Corporate Operations Expense	$ -	$	1	-	-	
720	Total Operating Expenses	$ 35,857	$	1		32.31%	Total Operations General Support Allocator
	note: does not include dep/amort					67.69%	"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	$ 2,150	$ 5,256	$ 44,442	$ 5,191	$ 22,349	$ 58	$ 6,033
Investment/TPIS	0.003	0.008	0.071	0.008	0.036	0.000	0.010
Expense	$ 195	$ 476	$ 4,026	$ 143	$ 2,025	$ 2	$ 167
Expense Factor	0.091	0.091	0.091	0.028	0.091	0.028	0.028
Model TPIS	$ 981,664	$ 981,664	$ 981,664	$ 981,664	$ 981,664	$ 981,664	$ 981,664
Calculated Investment	$ 3,391	$ 8,290	$ 70,100	$ 8,188	$ 35,252	$ 91	$ 9,516
Calculated Expense	$ 307	$ 751	$ 6,351	$ 226	$ 3,194	$ 3	$ 263
Subtotal ($s)	$ 7,177,324						
Total Misc Expense	$ 7,177,324						

Other Taxes & Uncollectibles Calculation

		Expenses		Net Revenues	Factor
7230	Operating State & Local Income Tax	$ -	$	(7,198)	
7240	Operating Other Taxes	$ 7,321	$	(7,198)	0.0500
5300	Uncollectible Revenues	$ 3,539	$	1	3539.0000
	retail				0.0176
	wholesale				0.0028

Ratio of Net Plant to TPIS

TPIS	$	622,357
Net Plant	$	622,357
Ratio	$	1
Model Investment	$	-
Model % of Net Plant	$	-
Model % of TPIS		0%

Actual 1996 Revenue

			% of total
Interstate Access			
5081 End User	$	18,124	14.72%
5082 Switched Access	$	14,999	12.18%
5083 Special Access	$	13,944	11.33%
Total Inter Access	$	47,067	38.23%
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	$	47,067	38.23%
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	$	1,981	1.61%
Unidirectional LD Revenue			
5110 Interstate	$	-	0.00%
Intrastate	$	-	0.00%
Total	$	83	0.07%
LD Private Network Revenue			
5120 Interstate	$	-	0.00%
Intrastate	$	-	0.00%
Total	$	-	0.00%
Other Long Distance Revenue			
5160 Interstate	$	-	0.00%
Intrastate	$	-	0.00%
Total	$	-	0.00%
Total Long Distance Network Rev			
Interstate	$	-	0.00%
Intrastate	$	-	0.00%
Total	$	2,064	1.68%
Basic Local Service			
5001 Basic Area	$	48,747	39.59%
5002 Optional Extended Area	$	12,721	10.33%
5003 Cellular Mobile	$	-	0.00%
5004 Other Mobile Svcs	$	-	0.00%
Total Basic Local Service	$	61,468	49.93%
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	$	-	0.00%
Local Private Line Revenue			
5040 Interstate	$	-	0.00%
Intrastate	$	-	0.00%
Total Private Line	$	5,312	4.31%
Customer Premises Revenue			
5050 Station Apparatus	$	-	0.00%
Customer Premises Wiring	$	-	0.00%
Total Customer Premises	$	-	0.00%
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	$	7,206	5.85%
Total Local Network Service Revenue			
Interstate	$	-	0.00%
Intrastate	$	73,986	60.09%
Total Revenue	$	123,117	100.00%

HAI Model Release FCC

Expense Module Release FCC

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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.

NOTE: This sheet diplays all user adjustable inputs which vary from HM/FCC default settings

Workfile Name: **C:\HCPM\WORKFILES\HMWKIA3511864.XLS**
Distribution Module Name: **C:\HCPM\feeddist.exe 8/24/2001 1:06:04 PM**
Feeder Module Name: **C:\HCPM\inputs\hcpm_inputs_June2001.xls**
Switching Module Name: **C:\HCPM\MODULES\RFCC_switching_IO_October1999.xls**
Expense Module Name: **C:\HCPM\MODULES\RFCC_expense_density_October1999.xls**

Module/Table	Scenario Input	Scenario Value	Default Value
Switching	OC-48 ADM, installed, 48 DS-3s	26000	50000
Switching	OC-48 ADM, installed, 12 DS-3s	26000	40000
Expense	Carrier to Carrier Customer Service, per line per year	28.33	1.69

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	0.75	0.75	Fiber Feeder Strand Fill - 0	1.00	1.00
Buried Fraction - 5	0.75	0.75	Fiber Feeder Strand Fill - 5	1.00	1.00
Buried Fraction - 100	0.75	0.75	Fiber Feeder Strand Fill - 100	1.00	1.00
Buried Fraction - 200	0.70	0.70	Fiber Feeder Strand Fill - 200	1.00	1.00
Buried Fraction - 650	0.70	0.70	Fiber Feeder Strand Fill - 650	1.00	1.00
Buried Fraction - 850	0.70	0.70	Fiber Feeder Strand Fill - 850	1.00	1.00
Buried Fraction - 2550	0.65	0.65	Fiber Feeder Strand Fill - 2550	1.00	1.00
Buried Fraction - 5000	0.35	0.35	Fiber Feeder Strand Fill - 5000	1.00	1.00
Buried Fraction - 10000	0.05	0.05	Fiber Feeder Strand Fill - 10000	1.00	1.00
Aerial Cable Fraction - 0	0.25	0.25	Copper Aerial Fraction - 0	0.50	0.50
Aerial Cable Fraction - 5	0.25	0.25	Copper Aerial Fraction - 5	0.50	0.50
Aerial Cable Fraction - 100	0.25	0.25	Copper Aerial Fraction - 100	0.50	0.50
Aerial Cable Fraction - 200	0.30	0.30	Copper Aerial Fraction - 200	0.40	0.40
Aerial Cable Fraction - 650	0.30	0.30	Copper Aerial Fraction - 650	0.30	0.30
Aerial Cable Fraction - 850	0.30	0.30	Copper Aerial Fraction - 850	0.20	0.20
Aerial Cable Fraction - 2550	0.30	0.30	Copper Aerial Fraction - 2550	0.15	0.15
Aerial Cable Fraction - 5000	0.60	0.60	Copper Aerial Fraction - 5000	0.10	0.10
Aerial Cable Fraction - 10000	0.85	0.85	Copper Aerial Fraction - 10000	0.05	0.05
Pole Spacing, feet - 0	250	250	Copper Buried Fraction - 0	0.45	0.45
Pole Spacing, feet - 5	250	250	Copper Buried Fraction - 5	0.45	0.45
Pole Spacing, feet - 100	200	200	Copper Buried Fraction - 100	0.45	0.45
Pole Spacing, feet - 200	200	200	Copper Buried Fraction - 200	0.40	0.40
Pole Spacing, feet - 650	175	175	Copper Buried Fraction - 650	0.30	0.30
Pole Spacing, feet - 850	175	175	Copper Buried Fraction - 850	0.20	0.20
Pole Spacing, feet - 2550	150	150	Copper Buried Fraction - 2550	0.10	0.10
Pole Spacing, feet - 5000	150	150	Copper Buried Fraction - 5000	0.05	0.05
Pole Spacing, feet - 10000	150	150	Copper Buried Fraction - 10000	0.05	0.05
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	0.35	0.35
Aerial Drop Placement (total) - 5	23.33	23.33	Fiber Aerial Fraction - 5	0.35	0.35
Aerial Drop Placement (total) - 100	17.50	17.50	Fiber Aerial Fraction - 100	0.35	0.35
Aerial Drop Placement (total) - 200	17.50	17.50	Fiber Aerial Fraction - 200	0.30	0.30
Aerial Drop Placement (total) - 650	11.67	11.67	Fiber Aerial Fraction - 650	0.30	0.30
Aerial Drop Placement (total) - 850	11.67	11.67	Fiber Aerial Fraction - 850	0.20	0.20
Aerial Drop Placement (total) - 2550	11.67	11.67	Fiber Aerial Fraction - 2550	0.15	0.15

HAI Model Release FCC
User Adjustable Inputs

Distribution Input	Current Scenario Value	Default Scenario Value
Aerial Drop Placement (total) - 5000	11.67	11.67
Aerial Drop Placement (total) - 10000	11.67	11.67
Buried Drop Placement (total) - 0	0.60	0.60
Buried Drop Placement (total) - 5	0.60	0.60
Buried Drop Placement (total) - 100	0.60	0.60
Buried Drop Placement (total) - 200	0.60	0.60
Buried Drop Placement (total) - 650	0.60	0.60
Buried Drop Placement (total) - 850	0.60	0.60
Buried Drop Placement (total) - 2550	0.75	0.75
Buried Drop Placement (total) - 5000	1.50	1.50
Buried Drop Placement (total) - 10000	5.00	5.00
Buried Drop Sharing Fraction - 0	0.50	0.50
Buried Drop Sharing Fraction - 5	0.50	0.50
Buried Drop Sharing Fraction - 100	0.50	0.50
Buried Drop Sharing Fraction - 200	0.50	0.50
Buried Drop Sharing Fraction - 650	0.50	0.50
Buried Drop Sharing Fraction - 850	0.50	0.50
Buried Drop Sharing Fraction - 2550	0.50	0.50
Buried Drop Sharing Fraction - 5000	0.50	0.50
Buried Drop Sharing Fraction - 10000	0.50	0.50
Buried Drop Fraction - 0	0.75	0.75
Buried Drop Fraction - 5	0.75	0.75
Buried Drop Fraction - 100	0.75	0.75
Buried Drop Fraction - 200	0.70	0.70
Buried Drop Fraction - 650	0.70	0.70
Buried Drop Fraction - 850	0.70	0.70
Buried Drop Fraction - 2550	0.70	0.70
Buried Drop Fraction - 5000	0.40	0.40
Buried Drop Fraction - 10000	0.15	0.15
Pole Investment	201.00	201.00
Pole Labor	216.00	216.00
Buried Cable Jacketing Multiplier	1.04	1.04
Conduit Investment per foot	0.60	0.60
Spare Tubes per route	1.00	1.00
Regional Labor Adjustment Factor (see Labor Inputs)	1.00	1.00
Residential NID case, no protector	10.00	10.00
Residential NID basic labor	15.00	15.00
spare	-	-
Residential Protection Block, per pair	4.00	4.00
Business NID case, no protector	25.00	25.00
Business NID basic labor	15.00	15.00
Business Protection Block, per pair	4.00	4.00
Average Lines per business location	4.00	4.00
Terminal and Splice per line, buried	42.50	42.50
Terminal and Splice per line, aerial	32.00	32.00
Drop cable investment per foot buried	0.14	0.14
Drop cable buried pairs	3.00	3.00
Drop cable investment per foot aerial	0.095	0.095
Drop cable aerial pairs	2.00	2.00
DS-0 fraction	1.00	1.00
DS-1 fraction	-	-
DS-0 pair equivalent	1.00	1.00

Feeder Input	Current Scenario Value	Default Scenario Value
Fiber Aerial Fraction - 5000	0.10	0.10
Fiber Aerial Fraction - 10000	0.05	0.05
Fiber Buried Fraction - 0	0.60	0.60
Fiber Buried Fraction - 5	0.60	0.60
Fiber Buried Fraction - 100	0.60	0.60
Fiber Buried Fraction - 200	0.60	0.60
Fiber Buried Fraction - 650	0.30	0.30
Fiber Buried Fraction - 850	0.20	0.20
Fiber Buried Fraction - 2550	0.10	0.10
Fiber Buried Fraction - 5000	0.05	0.05
Fiber Buried Fraction - 10000	0.05	0.05
Fiber Pullbox Spacing, feet - 0	2,000.00	2,000.00
Fiber Pullbox Spacing, feet - 5	2,000.00	2,000.00
Fiber Pullbox Spacing, feet - 100	2,000.00	2,000.00
Fiber Pullbox Spacing, feet - 200	2,000.00	2,000.00
Fiber Pullbox Spacing, feet - 650	2,000.00	2,000.00
Fiber Pullbox Spacing, feet - 850	2,000.00	2,000.00
Fiber Pullbox Spacing, feet - 2550	2,000.00	2,000.00
Fiber Pullbox Spacing, feet - 5000	2,000.00	2,000.00
Fiber Pullbox Spacing, feet - 10000	2,000.00	2,000.00
Fiber Feeder Investment per foot - 216	13.10	13.10
Fiber Feeder Investment per foot - 144	9.50	9.50
Fiber Feeder Investment per foot - 96	7.10	7.10
Fiber Feeder Investment per foot - 72	5.90	5.90
Fiber Feeder Investment per foot - 60	5.30	5.30
Fiber Feeder Investment per foot - 48	4.70	4.70
Fiber Feeder Investment per foot - 36	4.10	4.10
Fiber Feeder Investment per foot - 24	3.50	3.50
Fiber Feeder Investment per foot - 18	3.20	3.20
Fiber Feeder Investment per foot - 12	2.90	2.90
Copper Feeder Investment per foot - 4200	29.00	29.00
Copper Feeder Investment per foot - 3600	26.00	26.00
Copper Feeder Investment per foot - 3000	23.00	23.00
Copper Feeder Investment per foot - 2400	20.00	20.00
Copper Feeder Investment per foot - 1800	16.00	16.00
Copper Feeder Investment per foot - 1200	12.00	12.00
Copper Feeder Investment per foot - 900	10.00	10.00
Copper Feeder Investment per foot - 600	7.75	7.75
Copper Feeder Investment per foot - 400	6.00	6.00
Copper Feeder Investment per foot - 200	4.25	4.25
Copper Feeder Investment per foot - 100	2.50	2.50
Buried Copper Cable Sheath Multiplier	1.04	1.04
Buried Fiber Sheath Addition per foot	0.20	0.20
Pole Materials	201.00	201.00
Pole Labor	216.00	216.00
Conduit Material Investment per foot	0.60	0.60
Inner Duct Investment per foot	0.30	0.30
Spare Tubes per section	1.00	1.00
Regional Labor Adjustment Factor (see Labor	1.00	1.00
Pole Spacing, feet - 0	250.00	250.00
Pole Spacing, feet - 5	250.00	250.00
Pole Spacing, feet - 100	200.00	200.00

Distribution Input	Current Scenario Value	Default Scenario Value
DS-1 pair equivalent	2.00	2.00
DS-3 pair equivalent	56.00	56.00
Indoor NID case	5.00	5.00
Buried fraction available for shift - 0	0.75	0.75
Buried fraction available for shift - 5	0.75	0.75
Buried fraction available for shift - 100	0.75	0.75
Buried fraction available for shift - 200	0.75	0.75
Buried fraction available for shift - 650	0.75	0.75
Buried fraction available for shift - 850	0.75	0.75
Buried fraction available for shift - 2550	0.75	0.75
Buried fraction available for shift - 5000	-	-
Buried fraction available for shift - 10000	-	-
Wireless Investment Cap Enabled	FALSE	FALSE
Wireless Point to Point Inv cap - distribution, per line	7,500.00	7,500.00
Wireless Common inv, broadcast	112,500.00	112,500.00
Wireless per line inv, broadcast	500.00	500.00
Maximum broadcast lines for common inv	30.00	30.00
High Density DLC Site and Power	3,000.00	3,000.00
High Density DLC Maximum Lines/Increment	672.00	672.00
High Density DLC RT Fill Factor	0.90	0.90
High Density DLC Basic Common Eqpt Invest + initial lines	66,000.00	66,000.00
High Density DLC POTS Channel Unit Investment	310.00	310.00
High Density DLC POTS Lines per CU	4.00	4.00
High Density DLC Coin Channel Unit Investment	250.00	250.00
High Density DLC Coin Lines per CU	2.00	2.00
High Density DLC 303/LD crossover, lines	480.00	480.00
High Density DLC Fibers per RT	4.00	4.00
High Density DLC Optical Patch Panel	1,000.00	1,000.00
High Density DLC Copper Feeder Max Distance, ft	9,000.00	9,000.00
High Density DLC Common Eqpt Invest per additional 672 lines	18,500.00	18,500.00
High Density DLC Maximum Number of additional line modules/R	2.00	2.00
Low Density DLC Site and Power	1,300	1,300
Low Density DLC Maximum Lines/Increment	120.00	120.00
Low Density DLC RT Fill Factor	0.90	0.90
Low Density DLC Basic Common Eqpt Invest + initial lines	16,000.00	16,000.00
Low Density DLC POTS Channel Unit Investment	600.00	600.00
Low Density DLC POTS Lines per CU	6.00	6.00
Low Density DLC Coin Channel Unit Investment	600.00	600.00
Low Density DLC Coin Lines per CU	6.00	6.00
Low Density DLC Fibers per RT	4.00	4.00
Low Density DLC Optical Patch Panel	1,000.00	1,000.00
Low Density DLC Common Eqpt Invest per additional 96 lines	9,400.00	9,400.00
Low Density DLC Maximum Number of additional line modules/RT	1.00	1.00
Distribution Cable Size 1	2,400.00	2,400.00
Distribution Cable Size 2	1,800.00	1,800.00
Distribution Cable Size 3	1,200.00	1,200.00
Distribution Cable Size 4	900.00	900.00
Distribution Cable Size 5	600.00	600.00
Distribution Cable Size 6	400.00	400.00
Distribution Cable Size 7	200.00	200.00
Distribution Cable Size 8	100.00	100.00
Distribution Cable Size 9	50.00	50.00

Feeder Input	Current Scenario Value	Default Scenario Value
Pole Spacing, feet - 200	200.00	200.00
Pole Spacing, feet - 650	175.00	175.00
Pole Spacing, feet - 850	175.00	175.00
Pole Spacing, feet - 2550	150.00	150.00
Pole Spacing, feet - 5000	150.00	150.00
Pole Spacing, feet - 10000	150.00	150.00
Buried fraction available for shift - 0	0.75	0.75
Buried fraction available for shift - 5	0.75	0.75
Buried fraction available for shift - 100	0.75	0.75
Buried fraction available for shift - 200	0.75	0.75
Buried fraction available for shift - 650	0.75	0.75
Buried fraction available for shift - 850	0.75	0.75
Buried fraction available for shift - 2550	0.75	0.75
Buried fraction available for shift - 5000	0.75	0.75
Buried fraction available for shift - 10000	0.75	0.75
Fiber investment/strand - foot	0.1000	0.10
Copper investment/pair - foot	0.0075	0.01
Copper Manhole Materials - 0	1865	1,865.00
Copper Manhole Materials - 5	1865	1,865.00
Copper Manhole Materials - 100	1865	1,865.00
Copper Manhole Materials - 200	1865	1,865.00
Copper Manhole Materials - 650	1865	1,865.00
Copper Manhole Materials - 850	1865	1,865.00
Copper Manhole Materials - 2550	1865	1,865.00
Copper Manhole Materials - 5000	1865	1,865.00
Copper Manhole Materials - 10000	1865	1,865.00
Copper Manhole Frame and Cover - 0	350.00	350.00
Copper Manhole Frame and Cover - 5	350.00	350.00
Copper Manhole Frame and Cover - 100	350.00	350.00
Copper Manhole Frame and Cover - 200	350.00	350.00
Copper Manhole Frame and Cover - 650	350.00	350.00
Copper Manhole Frame and Cover - 850	350.00	350.00
Copper Manhole Frame and Cover - 2550	350.00	350.00
Copper Manhole Frame and Cover - 5000	350.00	350.00
Copper Manhole Frame and Cover - 10000	350.00	350.00
Copper Manhole Site Delivery - 0	125.00	125.00
Copper Manhole Site Delivery - 5	125.00	125.00
Copper Manhole Site Delivery - 100	125.00	125.00
Copper Manhole Site Delivery - 200	125.00	125.00
Copper Manhole Site Delivery - 650	125.00	125.00
Copper Manhole Site Delivery - 850	125.00	125.00
Copper Manhole Site Delivery - 2550	125.00	125.00
Copper Manhole Site Delivery - 5000	125.00	125.00
Copper Manhole Site Delivery - 10000	125.00	125.00
Copper Manhole Excavate and Backfill - 0	2,800	2,800
Copper Manhole Excavate and Backfill - 5	2,800	2,800
Copper Manhole Excavate and Backfill - 100	2,800	2,800
Copper Manhole Excavate and Backfill - 200	2,800	2,800
Copper Manhole Excavate and Backfill - 650	3,200	3,200
Copper Manhole Excavate and Backfill - 850	3,500	3,500
Copper Manhole Excavate and Backfill - 2550	3,500	3,500
Copper Manhole Excavate and Backfill - 5000	5,000	5,000

Distribution Input	Current Scenario Value	Default Scenario Value
Distribution Cable Size 10	25.00	**25.00**
Distribution Cable Size 11	12.00	**12.00**
Distribution Cable Size 12	6.00	**6.00**
Distribution Cable Investment per foot 1	20.00	**20.00**
Distribution Cable Investment per foot 2	16.00	**16.00**
Distribution Cable Investment per foot 3	12.00	**12.00**
Distribution Cable Investment per foot 4	10.00	**10.00**
Distribution Cable Investment per foot 5	7.75	**7.75**
Distribution Cable Investment per foot 6	6.00	**6.00**
Distribution Cable Investment per foot 7	4.25	**4.25**
Distribution Cable Investment per foot 8	2.50	**2.50**
Distribution Cable Investment per foot 9	1.63	**1.63**
Distribution Cable Investment per foot 10	1.19	**1.19**
Distribution Cable Investment per foot 11	0.76	**0.76**
Distribution Cable Investment per foot 12	0.63	**0.63**
Distribution Riser Cable Size 1	2,400.00	**2,400.00**
Distribution Riser Cable Size 2	1,800.00	**1,800.00**
Distribution Riser Cable Size 3	1,200.00	**1,200.00**
Distribution Riser Cable Size 4	900.00	**900.00**
Distribution Riser Cable Size 5	600.00	**600.00**
Distribution Riser Cable Size 6	400.00	**400.00**
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**

Feeder Input	Current Scenario Value	Default Scenario Value
Copper Manhole Excavate and Backfill - 1000	5,000	**5,000**
Fiber Pullbox Materials - 0	280.00	**280.00**
Fiber Pullbox Materials - 5	280.00	**280.00**
Fiber Pullbox Materials - 100	280.00	**280.00**
Fiber Pullbox Materials - 200	280.00	**280.00**
Fiber Pullbox Materials - 650	280.00	**280.00**
Fiber Pullbox Materials - 850	280.00	**280.00**
Fiber Pullbox Materials - 2550	280.00	**280.00**
Fiber Pullbox Materials - 5000	280.00	**280.00**
Fiber Pullbox Materials - 10000	280.00	**280.00**
Fiber Pullbox Installation - 0	220.00	**220.00**
Fiber Pullbox Installation - 5	220.00	**220.00**
Fiber Pullbox Installation - 100	220.00	**220.00**
Fiber Pullbox Installation - 200	220.00	**220.00**
Fiber Pullbox Installation - 650	220.00	**220.00**
Fiber Pullbox Installation - 850	220.00	**220.00**
Fiber Pullbox Installation - 2550	220.00	**220.00**
Fiber Pullbox Installation - 5000	220.00	**220.00**
Fiber Pullbox Installation - 10000	220.00	**220.00**
Dewatering factor manhole excavation (additiv	0.20	**0.20**
Water table depth for dewatering, ft	5.00	**5.00**

Distribution 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

Feeder Input	Current Scenario Value	Default Scenario Value

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User Adjustable Inputs

Switching Input	Current Scenario Value	Default Scenario Value
Constant EO Switching Investment Term, small ICO	416.11	**416.11**
Constant EO Switching Investment Term, BOC and large ICO	242.73	**242.73**
Switch Capacity Real-Time (BHCA) - 1	10,000	**10,000**
Switch Capacity Real-Time (BHCA) - 2	50,000	**50,000**
Switch Capacity Real-Time (BHCA) - 3	200,000	**200,000**
Switch Capacity Real-Time (BHCA) - 4	600,000	**600,000**
Switch Capacity Traffic (BHCCS) - 1	30,000	**30,000**
Switch Capacity Traffic (BHCCS) - 2	150,000	**150,000**
Switch Capacity Traffic (BHCCS) - 3	600,000	**600,000**
Switch Capacity Traffic (BHCCS) - 4	1,800,000	**1,800,000**
Initial Switch Maximum Equipped Line Size	80,000	**80,000**
Switch Port Administrative Fill	0.94	**0.94**
Switch Maximim Processor Occupancy	0.90	**0.90**
Processor Feature Loading Multiplier - normal	1.20	**1.20**
Processor Feature Loading Multiplier - heavy business	2.00	**2.00**
Processor Feature Loading Multiplier - business penetration threshold	0.30	**0.30**
MDF/Protector Investment per line	-	-
Analog Line Circuit Offset for DLC lines, per line	-	-
Switch Installation Multiplier	1.00	**1.00**
Operator Traffic Fraction	0.02	**0.02**
Total Interoffice Traffic Fraction	0.65	**0.65**
Maximum Trunk Occupancy, CCS	27.50	**27.50**
Trunk Port, per end	100.00	**100.00**
Entrance Facility Distance, miles	0.50	**0.50**
Direct-routed Fraction of Local Interoffice	0.98	**0.98**
POPs per Tandem Location	5.00	**5.00**
Tandem-routed Fraction of Total IntraLATA Traffic	0.20	**0.20**
Tandem-routed Fraction of Total InterLATA Traffic	0.20	**0.20**
Local Call Attempts	1,193,881	**1,193,881**
Call Completion Factor	0.70	**0.70**
IntraLATA Calls Completed	55,375	**55,375**
InterLATA intrastate Calls Completed	81,867	**81,867**
InterLATA interstate Calls Completed	106,279	**106,279**
Local DEMs, thousands	4,184,552	**4,184,552**
Intrastate DEMs, thousands	1,144,600	**1,144,600**
Interstate DEMs, thousands	738,636	**738,636**
Local Business/Residence DEMs	1.10	**1.10**
Intrastate Business/Residence DEMs	2.00	**2.00**
Interstate Business/Residence DEMs	3.00	**3.00**
BH Fraction of Daily Usage	0.10	**0.10**
Annual to Daily Usage Reduction Factor	270.00	**270.00**
Residential Holding Time Multiplier	1.00	**1.00**
Business Holding Time Multiplier	1.00	**1.00**
Residential Call Attempts per BH	1.30	**1.30**
Business Call Attempts per BH	3.50	**3.50**
ICO STP Investment, per line (equipment)	5.50	**5.50**
ICO Local Tandem Investment, per line	1.90	**1.90**
ICO OS Tandem Investment, per line	0.80	**0.80**
ICO SCP Investment per line (equipment)	2.50	**2.50**
ICO SCP - STP per line (wirecenter)	0.40	**0.40**
ICO Local Tandem Investment, per line (wirecenter)	2.50	**2.50**
ICO OS Tandem Investment, per line (wirecenter)	1.00	**1.00**

Expense Input	Current Scenario Value	Default Scenario Value
Cost of Debt	0.088	**0.088**
Debt Fraction	0.442	**0.442**
Cost of Equity	0.132	**0.132**
Average Trunk Utilization	0.300	**0.300**
Tax Rate	0.393	**0.393**
Corporate Overhead Factor	-	-
Other Taxes Factor	0.050	**0.050**
Billing/Bill Inquiry per line per month	-	-
Directory Listing per line per month	-	-
Forward-looking Network Operations Factor	0.500	**0.500**
Alternative CO Switching Factor	0.027	**0.027**
Alternative Circuit Equipment Factor	0.015	**0.015**
EO Traffic Sensitive Fraction	0.700	**0.700**
Monthly LNP cost, per line	-	-
Carrier to Carrier Customer Service, per line per ye	28.33	**1.69**
NID Expense per line per year	1.00	**1.00**
DS-0/DS-1 Terminal Factor	12.4	**12.4**
DS-1/DS-3 Terminal Factor	9.9	**9.9**
Average Lines per Business Location	4	**4**
Distribution Aerial Shring Fraction - 0	1.00	**1.00**
Distribution Aerial Shring Fraction - 5	1.00	**1.00**
Distribution Aerial Shring Fraction - 100	1.00	**1.00**
Distribution Aerial Shring Fraction - 200	1.00	**1.00**
Distribution Aerial Shring Fraction - 650	1.00	**1.00**
Distribution Aerial Shring Fraction - 850	1.00	**1.00**
Distribution Aerial Shring Fraction - 2550	1.00	**1.00**
Distribution Aerial Shring Fraction - 5000	1.00	**1.00**
Distribution Aerial Shring Fraction - 10000	1.00	**1.00**
Distribution Buried Shring Fraction - 0	1.00	**1.00**
Distribution Buried Shring Fraction - 5	1.00	**1.00**
Distribution Buried Shring Fraction - 100	1.00	**1.00**
Distribution Buried Shring Fraction - 200	1.00	**1.00**
Distribution Buried Shring Fraction - 650	1.00	**1.00**
Distribution Buried Shring Fraction - 850	1.00	**1.00**
Distribution Buried Shring Fraction - 2550	1.00	**1.00**
Distribution Buried Shring Fraction - 5000	1.00	**1.00**
Distribution Buried Shring Fraction - 10000	1.00	**1.00**
Distribution Underground Shring Fraction - 0	1.00	**1.00**
Distribution Underground Shring Fraction - 5	1.00	**1.00**
Distribution Underground Shring Fraction - 100	1.00	**1.00**
Distribution Underground Shring Fraction - 200	1.00	**1.00**
Distribution Underground Shring Fraction - 650	1.00	**1.00**
Distribution Underground Shring Fraction - 850	1.00	**1.00**
Distribution Underground Shring Fraction - 2550	1.00	**1.00**
Distribution Underground Shring Fraction - 5000	1.00	**1.00**
Distribution Underground Shring Fraction - 10000	1.00	**1.00**
Feeder Aerial Shring Fraction - 0	1.00	**1.00**
Feeder Aerial Shring Fraction - 5	1.00	**1.00**
Feeder Aerial Shring Fraction - 100	1.00	**1.00**
Feeder Aerial Shring Fraction - 200	1.00	**1.00**
Feeder Aerial Shring Fraction - 650	1.00	**1.00**
Feeder Aerial Shring Fraction - 850	1.00	**1.00**

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User Adjustable Inputs

Switching Input	Current Scenario Value	Default Scenario Value
ICO Tandem A Links and C Links per line (wirecenter)	0.30	**0.30**
Real-time Limit, BHCA	750,000	**750,000**
Port Limit, trunks	100,000	**100,000**
Common Equipment Investment	1,000,000	**1,000,000**
Maximum Port Fill	0.90	**0.90**
Maximum Real-time Occupancy	0.90	**0.90**
Common Equipment Intercept Factor	0.50	**0.50**
STP Link Capacity	720	**720**
STP Maximum Link Fill	0.80	**0.80**
Maximum STP Investment, per pair	5,000,000	**5,000,000**
Minimum STP Investment, per pair	1,000,000	**1,000,000**
Link Termination, both ends	900	**900**
Signaling Link Bit Rate	56,000	**56,000**
Link Occupancy	0.40	**0.40**
C Link Cross Section	24.00	**24.00**
ISUP Messages per Interoffice BHCA	6.00	**6.00**
ISUP Message Length, bytes	25.00	**25.00**
TCAP Messages per transaction	2.00	**2.00**
TCAP Message length, bytes	100.00	**100.00**
Fraction of BHCA requiring TCAP	0.10	**0.10**
SCP Investment/Transaction/Second	20,000	**20,000**
Operator Investment per position	6,400	**6,400**
Operator Maximum Utilization, per position, CCS	32	**32**
Operator Intervention Factor	10	**10**
Public Telephone Investment, per station	760	**760**
Lot Size, Multiplier of Switch Room Size	2	**2**
Tandem/EO Wire Center Common Factor	0.40	**0.40**
Power Investment 1	-	**-**
Power Investment 2	-	**-**
Power Investment 3	-	**-**
Power Investment 4	-	**-**
Power Investment 5	-	**-**
Switch Room Size, sq ft 1	500	**500**
Switch Room Size, sq ft 2	1,000	**1,000**
Switch Room Size, sq ft 3	2,500	**2,500**
Switch Room Size, sq ft 4	5,500	**5,500**
Switch Room Size, sq ft 5	11,000	**11,000**
Construction Investment, sq ft 1	75.00	**75.00**
Construction Investment, sq ft 2	85.00	**85.00**
Construction Investment, sq ft 3	100.00	**100.00**
Construction Investment, sq ft 4	125.00	**125.00**
Construction Investment, sq ft 5	150.00	**150.00**
Land Investment, sq ft 1	5	**5**
Land Investment, sq ft 2	8	**8**
Land Investment, sq ft 3	10	**10**
Land Investment, sq ft 4	15	**15**
Land Investment, sq ft 5	20	**20**
OC-48 ADM, installed, 48 DS-3s	26,000	**50,000**
OC-48 ADM, installed, 12 DS-3s	26,000	**40,000**
OC-3/DS-1 Terminal Multiplexer, installed, 84 DS-1s	26,000	**26,000**
Investment per 7 DS-1s	500	**500**
Number of Fibers	24	**24**

Expense Input	Current Scenario Value	Default Scenario Value
Feeder Aerial Shring Fraction - 2550	1.00	**1.00**
Feeder Aerial Shring Fraction - 5000	1.00	**1.00**
Feeder Aerial Shring Fraction - 10000	1.00	**1.00**
Feeder Underground Shring Fraction - 0	1.00	**1.00**
Feeder Underground Shring Fraction - 5	1.00	**1.00**
Feeder Underground Shring Fraction - 100	1.00	**1.00**
Feeder Underground Shring Fraction - 200	1.00	**1.00**
Feeder Underground Shring Fraction - 650	1.00	**1.00**
Feeder Underground Shring Fraction - 850	1.00	**1.00**
Feeder Underground Shring Fraction - 2550	1.00	**1.00**
Feeder Underground Shring Fraction - 5000	1.00	**1.00**
Feeder Underground Shring Fraction - 10000	1.00	**1.00**
Feeder Buried Shring Fraction - 0	1.00	**1.00**
Feeder Buried Shring Fraction - 5	1.00	**1.00**
Feeder Buried Shring Fraction - 100	1.00	**1.00**
Feeder Buried Shring Fraction - 200	1.00	**1.00**
Feeder Buried Shring Fraction - 650	1.00	**1.00**
Feeder Buried Shring Fraction - 850	1.00	**1.00**
Feeder Buried Shring Fraction - 2550	1.00	**1.00**
Feeder Buried Shring Fraction - 5000	1.00	**1.00**
Feeder Buried Shring Fraction - 10000	1.00	**1.00**
Motor Vehicles - Economic Life	8.24	**8.24**
Garage Work Equipment - Economic Life	12.22	**12.22**
Other Work Equipment - Economic Life	13.04	**13.04**
Buildings - Economic Life	46.93	**46.93**
Furniture - Economic Life	15.92	**15.92**
Office Support Equipment - Economic Life	10.78	**10.78**
Company Comm. Equipment - Economic Life	7.40	**7.40**
General Purpose Computer - Economic Life	6.12	**6.12**
Digital Electronic Switching - Economic Life	16.17	**16.17**
Operator Systems - Economic Life	9.41	**9.41**
Digital Circuit Equipment - Economic Life	10.24	**10.24**
Public Telephone Terminal Equipment - Economic	7.60	**7.60**
Poles - Economic Life	30.25	**30.25**
Aerial Cable - metallic - Economic Life	20.61	**20.61**
Aerial Cable - non metallic - Economic Life	26.14	**26.14**
Underground Cable - metallic - Economic Life	25.00	**25.00**
Underground Cable - non metallic - Economic Life	26.45	**26.45**
Buried - metallic - Economic Life	21.57	**21.57**
Buried - non metallic - Economic Life	25.91	**25.91**
Intrabuilding Cable - metallic - Economic Life	18.18	**18.18**
Intrabuilding Cable - non metallic - Economic Life	26.11	**26.11**
Conduit Systems - Economic Life	56.19	**56.19**
Motor Vehicles - Net Salvage %	0.1038	**0.1038**
Garage Work Equipment - Net Salvage %	-0.0558	**-0.0558**
Other Work Equipment - Net Salvage %	0.0169	**0.0169**
Buildings - Net Salvage %	0.0164	**0.0164**
Furniture - Net Salvage %	0.0402	**0.0402**
Office Support Equipment - Net Salvage %	0.0412	**0.0412**
Company Comm. Equipment - Net Salvage %	0.0252	**0.0252**
General Purpose Computer - Net Salvage %	0.0229	**0.0229**
Digital Electronic Switching - Net Salvage %	0.0157	**0.0157**

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User Adjustable Inputs

Switching Input	Current Scenario Value	Default Scenario Value
Pigtrails, per strand	60	60
Optical Distribution Panel	1,000	1,000
EF&I, per hour	55	55
EF&I hours	32	32
Regional Labor Adjustment Factor (see Labor Inputs)	1	1
Channel Bank Investment, per 24 lines	5,000	5,000
Fraction of SA Lines Requiring Multiplexing	-	-
Regenerator, installed	15,000	15,000
Regenerator spacing, miles	40	40
DCS installed, per DS-3	30,000	30,000
Transmission Terminal Fill (DS-0 level)	0.90	0.90
Fiber Investment, fiber cable	3.50	3.50
Fiber, number of strands per ADM	4.00	4.00
Fiber Investment, buried fraction	0.60	0.60
Fiber Investment, buried placement	1.77	1.77
Fiber Investment, buried sheath addition	0.20	0.20
Fiber Investment, conduit	0.60	0.60
Fiber, spare tubes per route	1.00	1.00
Fiber Investment, conduit placement	16.40	16.40
Fiber, pullbox spacing	2,000.00	2,000.00
Fiber Investment, pullbox investsment	500.00	500.00
Fiber, aerial fraction	0.20	0.20
Fiber, pole spacing, feet	150.00	150.00
Fiber Investment, pole material	201.00	201.00
Fiber Investment, pole labor (basic)	216.00	216.00
Fraction Poles and Buried/Underground Placement Common with Feed	0.75	0.75
Fraction of Aerial Structure Assigned to Telephone	0.50	0.50
Fraction of Buried Structure Assigned to Telephone	0.78	0.78
Fraction of Underground Structure Assigned to Telephone	0.73	0.73
Multiplicative EO Switching Investment Term	-14.922	(14.92)
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 traffice -- host	0.05	0.05
Maximum nodes per ring	16	16.00
Use host - remote assignments	TRUE	TRUE
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	486700	486,700.00
BOC standalone fixed inv - 2	486700	486,700.00
BOC standalone fixed inv - 3	486700	486,700.00
BOC standalone fixed inv - 4	486700	486,700.00
BOC host fixed inv - 1	486700	486,700.00
BOC host fixed inv - 2	486700	486,700.00
BOC host fixed inv - 3	486700	486,700.00
BOC host fixed inv - 4	486700	486,700.00
BOC remote fixed inv - 1	161800	161,800.00

Expense Input	Current Scenario Value	Default Scenario Value
Operator Systems - Net Salvage %	-0.0041	-0.0041
Digital Circuit Equipment - Net Salvage %	-0.0062	-0.0062
Public Telephone Terminal Equipment - Net Salvag	0.0512	0.0512
Poles - Net Salvage %	-0.8998	-0.8998
Aerial Cable - metallic - Net Salvage %	-0.2303	-0.2303
Aerial Cable - non metallic - Net Salvage %	-0.1753	-0.1753
Underground Cable - metallic - Net Salvage %	-0.1797	-0.1797
Underground Cable - non metallic - Net Salvage %	-0.1458	-0.1458
Buried - metallic - Net Salvage %	-0.0839	-0.0839
Buried - non metallic - Net Salvage %	-0.0691	-0.0691
Intrabuilding Cable - metallic - Net Salvage %	-0.1569	-0.1569
Intrabuilding Cable - non metallic - Net Salvage %	-0.1043	-0.1043
Conduit Systems - Net Salvage %	-0.0995	-0.0995
Furniture - Capital Costs - % assigned per line	1.0000	1.0000
Furniture - Expenses - % assigned per line	1.0000	1.0000
Office Equipment - Capital Costs - % assigned per l	1.0000	1.0000
Office Equipment - Expenses - % assigned per line	1.0000	1.0000
General Purpose Computer - Capital Costs - % assi	1.0000	1.0000
General Purpose Computer - Expenses - % assigne	1.0000	1.0000
Motor Vehicles - Capital Costs - % assigned per line	1.0000	1.0000
Motor Vehicles - Expenses - % assigned per line	1.0000	1.0000
Buildings - Capital Costs - % assigned per line	1.0000	1.0000
Buildings - Expenses - % assigned per line	1.0000	1.0000
Garage Work Eqpt. - Capital Costs - % assigned pe	1.0000	1.0000
Garage Work Eqpt. - Expenses - % assigned per lin	1.0000	1.0000
Other Work Eqpt. - Capital Costs - % assigned per l	1.0000	1.0000
Other Work Eqpt. - Expenses - % assigned per line	1.0000	1.0000
Network Operations - % assigned per line	1.0000	1.0000
Other Taxes - % assigned per line	1.0000	1.0000
Variable Overhead - % assigned per line	1.0000	1.0000

Switching Input	Current Scenario Value	Default Scenario Value
BOC remote fixed inv - 2	161800	161,800.00
BOC remote fixed inv - 3	161800	161,800.00
BOC remote fixed inv - 4	161800	161,800.00
BOC standalone per line inv - 1	87	87.00
BOC standalone per line inv - 2	87	87.00
BOC standalone per line inv - 3	87	87.00
BOC standalone per line inv - 4	87	87.00
BOC host per line inv - 1	87	87.00
BOC host per line inv - 2	87	87.00
BOC host per line inv - 3	87	87.00
BOC host per line inv - 4	87	87.00
BOC remote per line inv - 1	87	87.00
BOC remote per line inv - 2	87	87.00
BOC remote per line inv - 3	87	87.00
BOC remote per line inv - 4	87	87.00
ICO standalone fixed inv - 1	486700	486,700.00
ICO standalone fixed inv - 2	486700	486,700.00
ICO standalone fixed inv - 3	486700	486,700.00
ICO standalone fixed inv - 4	486700	486,700.00
ICO host fixed inv - 1	486700	486,700.00
ICO host fixed inv - 2	486700	486,700.00
ICO host fixed inv - 3	486700	486,700.00
ICO host fixed inv - 4	486700	486,700.00
ICO remote fixed inv - 1	161800	161,800.00
ICO remote fixed inv - 2	161800	161,800.00
ICO remote fixed inv - 3	161800	161,800.00
ICO remote fixed inv - 4	161800	161,800.00
ICO standalone per line inv - 1	87	87.00
ICO standalone per line inv - 2	87	87.00
ICO standalone per line inv - 3	87	87.00
ICO standalone per line inv - 4	87	87.00
ICO host per line inv - 1	87	87.00
ICO host per line inv - 2	87	87.00
ICO host per line inv - 3	87	87.00
ICO host per line inv - 4	87	87.00
ICO remote per line inv - 1	87	87.00
ICO remote per line inv - 2	87	87.00
ICO remote per line inv - 3	87	87.00
ICO remote per line inv - 4	87	87.00

Expense Input	Current Scenario Value	Default Scenario Value

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User Adjustable Inputs

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