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October 27, 1998

Ms. Blanca S. Bayo, Director  
Division of Records and Reporting  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

RE: Docket No. 980696-TP

Dear Ms. Bayo:

Enclosed for filing in the above docket are the original and fifteen (15) copies of the Late Filed Exhibit 62 ("Minimum Spanning Tree Analysis with Digital Loop Carrier Information") of Brian K. Staihr. This exhibit was requested by Commission Staff during the cross examination of Dr. Staihr during his testimony in the above referenced proceeding on October 14, 1998.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning the same to this writer.

Thank you for assistance in this matter.

ACK \_\_\_\_\_  
AFA 2 Sincerely,

AP= — John M. Selyar

C.F. — Charles J. Rehwinkel

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**SPRINT - FLORIDA**  
**LATE FILED EXHIBIT 62 OF BRIAN K. STAIIHR**  
**MINIMUM SPANNING TREE ANALYSIS WITH DLC INFORMATION**

The Florida Commission Staff requested an analysis be conducted in which the minimum spanning tree (MST) measurements be re-calculated including a point to represent the site of the digital loop carrier (DLC). This new measurement would be compared against the amount of plant built by the BCPM as filed in Florida.

The table below lists the original information, using the original MST and 87% of the original MST (to represent a possible Steiner Tree), as filed in Brian Staihr's testimony.

Density Zone	Total Number BCPM Ultimate Grids	# Grids Underbuilt by BCPM Using MST	%	# Grids Underbuilt Using 87% of MST	%
0 to 5	1,164	335	28.8%	171	14.7%
5 to 20	787	89	11.3%	25	3.2%
20 to 100	721	4	<1%	2	<1%

The table below lists the same information using the new MST measurements which include the DLC site.

Density Zone	Total Number BCPM Ultimate Grids	# Grids Underbuilt by BCPM Using MST with DLC Site	%	# Grids Underbuilt Using 87% of MST with DLC Site	%
0 to 5	1,164	465	39.9%	247	21.2%
5 to 20	787	117	14.8%	32	4.0%
20 to 100	721	4	<1%	2	<1%

Also enclosed are several example pages from the spreadsheet which supports the above analysis showing individual grid-level data regarding amount of plant built and the length of the minimum spanning trees (both with and without DLC site). The entire spreadsheet is available in electronic form upon request.

SPONT. FLORIDA  
LATE FILED EXHIBIT 42 OF BRIAN K. STACHE  
U NUMBER SCANNING TREE ANALYSIS WITH DIGITAL LOGIC CAPTURE AND INFORMATION







SHERIFF FLORIDA EXHIBIT 62 OF BRIAN K STAHL  
MAGNUM PLANNING FILE ANALYSIS WITH DIAL-A-LOOP CARRIER INFORMATION

SWC#	C-Ref#	Carrier	ID#Code	Priority	Actual/Last	D-Index	H-Index	I-Index	M-Index	MST	MST/WDLC	Dwpt	Dwpt	Cust/Cust/	Cust	Unshipped	Unshipped	D-LC	D-LC
CHFLUAC50	27.34	-40.99	4121290	0.44	877743	2	2	2	1462.9	1520	14841	1521	1521	13.1					
MHFLUAC50	26.82	-41.19	3004328	0.44	877743	2	2	2	1451.9	1487	14878	1520	1520	11.44					
WCFLUAC50	27.75	-41.06	1294232	0.44	877743	2	2	2	1651.0	1521	1521	1520	1520	8.76					
FTMFLUAC50	27.77	-41.74	4001969	0.44	8782782	3	4	2	633.3	4236	20050	0	871.0	94.26					
KNFLUAC50	27.79	-41.14	>0021479	0.44	8782784	2	2	2	714.8	8854	15131	0	777.0	93.0					
AKFLUAC50	27.78	-41.11	4023399	0.44	8782786	2	2	2	425.0	4237	15133	0	102321	11854					
ANFLUAC50	27.78	-40.94	4121298	0.44	8782786	2	2	2	1134.7	1500	1500	0	967.4	1445.0					
STCFLUAC50	27.38	-40.98	4121299	0.44	8782786	2	2	2	1066.7	1500	1500	0	1961.1	2380.0					
STCFLUAC50	27.39	-41.12	1116426	0.45	8782786	2	2	2	984.0	1354	20000	0	281.24	311.1					
ANVFLUAC50	27.82	-41.01	4251720	0.44	8783337	2	2	2	672.1	4234	1500	0	844.4	7184					
ANVFLUAC50	27.82	-40.94	4121299	0.44	8783337	2	2	2	717.5	7162	1500	0	12348	17.0					
ANVFLUAC50	27.84	-41.14	4023395	0.44	8783338	2	2	2	684.8	7281	2000	0	15425	2293.0					
STCFLUAC50	28.02	-40.94	>114899	0.44	8783338	2	2	2	881.1	8234	1500	0	1017.1	418.0					
STCFLUAC50	28.06	-41.11	4121299	0.45	8783338	2	2	2	927.4	1500	1500	0	1874.5	1804.5					
STCFLUAC50	28.14	-41.12	1116426	0.45	8783338	2	2	2	681.0	7292	1500	0	1201.8	1231.8					
SLFLUAC50	28.14	-41.26	3504179	0.45	8783348	2	2	2	287.8	3504	1500	0	2246.0	3780					
STCFLUAC50	28.06	-41.22	4121298	0.45	8783348	2	2	2	815.4	7171	1500	0	1747.7	1927.0					
PANCFLUAC50	28.14	-40.84	3004399	0.45	884886	2	2	2	868.7	9887	1500	0	83.11	793.7					
WCFLUAC50	28.62	-41.7	3027299	0.45	862952	2	2	2	7.96	7862	1500	0	1150.0	12540					
MANFLUAC50	30.26	-42.84	41204460	0.45	8513749	2	2	2	3.79	4443	1500	0	764.4	9144					
SCPCFLUAC50	30.26	-40.66	3007123	0.45	8513749	2	2	2	1202.6	1500	1500	0	143.7	211.7					
MANFLUAC50	30.3	-40.82	4120442	0.45	8513749	2	2	2	94.8	8254	1500	0	755.6	905.8					
THPFLUAC50	30.34	-40.62	70725488	0.46	8502111	2	2	2	811.7	8187	1500	0	892.9	50.0					
THPFLUAC50	30.54	-40.81	13072256	0.46	8513746	2	2	1	681.2	1018	500	0	51.4	2164.1					
MINFLUAC50	30.94	-41.7	30082999	0.46	8213186	2	2	2	850.1	9913	4000	0	961.1	1412.0					
MINFLUAC50	30.78	-41.19	30044931	0.48	8209996	2	2	2	1647.8	1798	1500	0	1686.2	1818.0					
MINFLUAC50	27.22	-41.58	1318462	0.48	8209996	2	2	2	327.5	3232	1500	0	1274.4	1777.0					
MINFLUAC50	27.34	-41.34	3001199	0.48	8117232	2	2	2	1020.0	19621	1500	0	919.6	15096					
HIFDFLUAC50	30.66	-40.70	2010199	0.50	8022794	2	2	2	1195.9	13230	1500	0	2071.0	2117.0					
LBLFLUAC50	28.94	-41.15	4121292	0.50	8111046	2	2	2	109.12	1275.5	2000	0	1844.3	2442.0					
LBLFLUAC50	28.94	-41.14	40212453	0.50	83802999	2	2	2	83.35	444.92	1000	0	102.0	1120.1					
EVIGFLUAC50	28.78	-41.19	30127299	0.48	8209996	2	2	2	1647.8	1798	1500	0	1686.2	1818.0					
MINFLUAC50	27.22	-41.58	1318462	0.48	8209996	2	2	2	327.5	3232	1500	0	1274.4	1777.0					
MINFLUAC50	27.34	-41.34	3001199	0.48	8117232	2	2	2	1020.0	19621	1500	0	919.6	15096					
HIFDFLUAC50	30.66	-40.70	2010199	0.50	8022794	2	2	2	1195.9	13230	1500	0	2071.0	2117.0					
LBLFLUAC50	28.94	-41.15	4121292	0.50	8111046	2	2	2	109.12	1275.5	2000	0	1844.3	2442.0					
LBLFLUAC50	28.94	-41.14	40212453	0.50	83802999	2	2	2	83.35	444.92	1000	0	102.0	1120.1					
NPLFLUAC50	27.98	-41.04	13184699	0.54	819451	1	1	0	0	0	0	0	0	114.14	1299.0				
NPLFLUAC50	27.66	-41.14	40232372	0.54	819451	1	1	0	1369.4	14114	1500	0	94.7	217.0					
NPLFLUAC50	27.94	-41.1	13124483	0.57	828729	2	2	2	1060.7	15195	1500	0	89.61	145.1					
NPLFLUAC50	27.74	-40.79	4120199	0.57	804795	2	2	2	817.4	11542	0	0	0	5489.1					
LUPCFLUAC50	27.18	-41.54	30082999	0.58	8225727	2	2	2	1025.9	12999	20000	0	2068.8	8952					
LUPCFLUAC50	28.66	-41.14	40212453	0.58	8424468	2	2	2	1064.2	10729	1500	0	142.9	2143.1					
SUPCFLUAC50	28.66	-41.14	40212453	0.58	8466253	2	2	2	827.4	8885	2000	0	112.9	794.0					
NPLFLUAC50	28.94	-41.14	40232372	0.58	8424792	2	2	2	91.0	1424.3	21154	0	1298.6	1498.6					
NPLFLUAC50	28.28	-41.24	13172171	0.58	844991	2	2	2	1426.1	1502	1500	0	111.12	1171.0					
NPLFLUAC50	28.94	-41.14	40204300	0.58	8460119	2	2	2	1282.7	12932	20000	0	113.27	131.32					
NPLFLUAC50	28.34	-41.21	4020199	0.58	8440119	2	2	2	127.68	10428	1500	0	124.20	252.0					
CUTFLUAC50	27.21	-41.52	4121292	0.58	8464232	2	2	2	101.15	500	2000	0	227.92	247.92					
NPLFLUAC50	28.94	-41.14	40232372	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.42	-41.02	4120199	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.44	-41.13	40232372	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	21154	0	127.37	129.0					
NPLFLUAC50	28.46	-41.14	40212453	0.58	8440453	2	2	2	91.0	1424.3	2								