

PHYSICAL COLLOCATION
Bell Atlantic - New York
FCC NO. 11

FACTORS

<u>Line No.</u>	<u>(A)</u> <u>Factor Item</u>	<u>(B)</u> <u>Source</u>	<u>(C)</u> <u>FCC</u> <u>DATA</u>
ANNUAL COST FACTOR			
	- Digital Switch - Power (2212.00)		
1	DEPRECIATION	SERVICE COSTS	0.0636
2	COST OF MONEY	SERVICE COSTS	0.0553
3	INCOME TAX	SERVICE COSTS	0.0224
4	OTHER TAX	SERVICE COSTS	0.0021
5	MAINTENANCE	SERVICE COSTS	0.0841
6	ADMINISTRATION	SERVICE COSTS	0.0364
7	TOTAL - Digital Switch ACF	SUM (LINES 1 THRU LINE 6)	0.2639
	- Land		
8	DEPRECIATION	SERVICE COSTS	0.0000
9	COST OF MONEY	SERVICE COSTS	0.1145
10	INCOME TAX	SERVICE COSTS	0.0463
11	OTHER TAX	SERVICE COSTS	0.0317
12	MAINTENANCE	SERVICE COSTS	0.0269
13	ADMINISTRATION	SERVICE COSTS	0.0364
14	TOTAL - Land ACF	SUM (LINES 8 THRU LINE 13)	0.2558
	- Building		
15	DEPRECIATION	SERVICE COSTS	0.0224
16	COST OF MONEY	SERVICE COSTS	0.0852
17	INCOME TAX	SERVICE COSTS	0.0344
18	OTHER TAX	SERVICE COSTS	0.0317
19	MAINTENANCE	SERVICE COSTS	0.0269
20	ADMINISTRATION	SERVICE COSTS	0.0364
21	TOTAL - Building ACF	SUM (LINES 15 THRU LINE 20)	0.2370
OTHER FACTORS:			
22	LAND INVESTMENT FACTOR	SERVICE COSTS	0.0000
23	BUILDING INVESTMENT FACTOR	SERVICE COSTS	0.2140
24	EF&I FACTOR - FRC 377C (DC POWER)	SERVICE COSTS	2.8218
25	DC POWER - OVERHEAD LOADING FACTOR	COMMISSION PRESCRIBED	1.3200

PHYSICAL COLLOCATION
 VERIZON: DC, DE, MD, NJ, PA, VA & WV
 FCC - 1

DC POWER - COST SUMMARY
 (REVISED WITH 2.8218 - DC POWER INSTALLATION EF&I FACTOR PARA 34)

<u>LINE NO.</u>	<u>A</u> <u>ITEM</u>	<u>B</u> <u>SOURCE</u>	<u>C</u> <u>MONTHLY</u> <u>RECURRING</u>	<u>D</u> <u>WEIGHTING</u> <u>FACTOR</u>	<u>E=(CxD)</u> <u>WEIGHTED</u> <u>COST</u>
	DC POWER PER AMP				
1	LESS THAN OR EQUAL TO 60 AMPS	BA-SOUTH. EX, PG 1, LN 11J	\$20.45	0.75	\$15.34
2	GREATER THAN 60 AMPS	BA-SOUTH. EX, PG 2, LN 11J	\$20.61	0.25	\$5.15
3	WEIGHTED COST	LINE 1E + LINE 2E			\$20.49

**PHYSICAL COLLOCATION
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DC POWER - LESS THAN OR EQUAL TO 60 AMPS

A	B	C	D	E	F	G	H	I	
LINE NO.	ITEM	SOURCE	DEPRECIATION	COST OF CAPITAL	INCOME TAX	MAINT.	ADMIN.	OTHER TAXES	TOTAL
1	WASHINGTON DC	WP 1 0, PG 1, LINES 2 THRU 7	\$40.43	\$41.19	\$21.78	\$41.78	\$45.20	\$4.73	\$195.11
2	BA-SOUTH WEIGHTING	WP 8 0, PG 1, LINE 26C	0.03644	0.03644	0.03644	0.03644	0.03644	0.03644	0.2186
3	BA-DC WEIGHTED COST	LINE 1 X LINE 2	\$1.47	\$1.50	\$0.79	\$1.52	\$1.65	\$0.17	\$7.11
4	DELAWARE	WP 2 0, PG 1, LINES 2 THRU 7	\$46.35	\$48.74	\$25.07	\$53.62	\$24.57	\$7.13	\$205.49
5	BA-SOUTH WEIGHTING	WP 8 0, PG 1, LINE 26D	0.02566	0.02566	0.02566	0.02566	0.02566	0.02566	0.1540
6	BA-DE WEIGHTED COST	LINE 4 X LINE 5	\$1.19	\$1.25	\$0.64	\$1.38	\$0.63	\$0.18	\$5.27
7	MARYLAND	WP 3 0, PG 1, LINES 2 THRU 7	\$46.27	\$45.93	\$22.57	\$37.95	\$34.77	\$14.18	\$201.67
8	BA-SOUTH WEIGHTING	WP 8 0, PG 1, LINE 26E	0.16245	0.16245	0.16245	0.16245	0.16245	0.16245	0.9747
9	BA-MD WEIGHTED COST	LINE 7 X LINE 8	\$7.52	\$7.46	\$3.67	\$6.17	\$5.65	\$2.30	\$32.76
10	NEW JERSEY	WP 4 0, PG 1, LINES 2 THRU 7	\$39.70	\$44.41	\$23.01	\$42.43	\$33.39	\$9.59	\$192.52
11	BA-SOUTH WEIGHTING	WP 8 0, PG 1, LINE 26F	0.29196	0.29196	0.29196	0.29196	0.29196	0.29196	1.7518
12	BA-NJ WEIGHTED COST	LINE 10 X LINE 11	\$11.59	\$12.97	\$6.72	\$12.39	\$9.75	\$2.80	\$56.21
13	PENNSYLVANIA	WP 5 0, PG 1, LINES 2 THRU 7	\$46.62	\$47.04	\$25.07	\$43.90	\$33.16	\$7.48	\$203.28
14	BA-SOUTH WEIGHTING	WP 8 0, PG 1, LINE 26G	0.29019	0.29019	0.29019	0.29019	0.29019	0.29019	1.7411
15	BA-PA WEIGHTED COST	LINE 13 X LINE 14	\$13.53	\$13.65	\$7.28	\$12.74	\$9.62	\$2.17	\$58.99
16	VIRGINIA	WP 6 0, PG 1, LINES 2 THRU 7	\$41.84	\$45.56	\$21.80	\$40.97	\$31.06	\$6.47	\$187.69
17	BA-SOUTH WEIGHTING	WP 8 0, PG 1, LINE 26H	0.15549	0.15549	0.15549	0.15549	0.15549	0.15549	0.9329
18	BA-VA WEIGHTED COST	LINE 10 X LINE 11	\$6.51	\$7.08	\$3.39	\$6.37	\$4.83	\$1.01	\$29.18
19	WEST VIRGINIA	WP 7 0, PG 1, LINES 2 THRU 7	\$58.29	\$60.84	\$31.55	\$62.65	\$39.55	\$11.28	\$264.16
20	BA-SOUTH WEIGHTING	WP 8 0, PG 1, LINE 26I	0.03782	0.03782	0.03782	0.03782	0.03782	0.03782	0.2269
21	BA-WV WEIGHTED COST	LINE 13 X LINE 14	\$2.20	\$2.30	\$1.19	\$2.37	\$1.50	\$0.43	\$9.99

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DC POWER - GREATER THAN 60 AMPS

LINE NO.	A ITEM	B SOURCE	C DEPRECIATION	D COST OF CAPITAL	E INCOME TAX	F MAINT.	G ADMIN.	H OTHER TAXES	I TOTAL
1	WASHINGTON DC	WP 1.1, PG 1, LINES 2 THRU 7	\$40.38	\$41.14	\$21.75	\$41.72	\$45.15	\$4.72	\$194.86
2	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26C	0.03644	0.03644	0.03644	0.03644	0.03644	0.03644	0.21864
3	BA-DC WEIGHTED COST	LINE 1 X LINE 2	\$1.47	\$1.50	\$0.79	\$1.52	\$1.65	\$0.17	\$7.10
4	DELAWARE	WP 2.1, PG 1, LINES 2 THRU 7	\$46.69	\$49.10	\$25.26	\$54.01	\$24.75	\$7.18	\$206.98
5	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26D	0.02566	0.02566	0.02566	0.02566	0.02566	0.02566	0.1540
6	BA-DE WEIGHTED COST	LINE 4 X LINE 5	\$1.20	\$1.26	\$0.65	\$1.39	\$0.63	\$0.18	\$5.31
7	MARYLAND	WP 3.1, PG 1, LINES 2 THRU 7	\$46.72	\$46.37	\$22.79	\$38.32	\$35.10	\$14.32	\$203.62
8	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26E	0.16245	0.16245	0.16245	0.16245	0.16245	0.16245	0.9747
9	BA-MD WEIGHTED COST	LINE 7 X LINE 8	\$7.59	\$7.53	\$3.70	\$6.22	\$5.70	\$2.33	\$33.08
10	NEW JERSEY	WP 4.1, PG 1, LINES 2 THRU 7	\$39.87	\$44.60	\$23.11	\$42.61	\$33.54	\$9.63	\$193.37
11	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26F	0.29196	0.29196	0.29196	0.29196	0.29196	0.29196	1.7518
12	BA-NJ WEIGHTED COST	LINE 10 X LINE 11	\$11.64	\$13.02	\$6.75	\$12.44	\$9.79	\$2.81	\$56.46
13	PENNSYLVANIA	WP 5.1, PG 1, LINES 2 THRU 7	\$47.05	\$47.47	\$25.30	\$44.30	\$33.47	\$7.55	\$205.14
14	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26G	0.29019	0.29019	0.29019	0.29019	0.29019	0.29019	1.7411
15	BA-PA WEIGHTED COST	LINE 13 X LINE 14	\$13.65	\$13.78	\$7.34	\$12.85	\$9.71	\$2.19	\$59.53
16	VIRGINIA	WP 6.1, PG 1, LINES 2 THRU 7	\$42.23	\$45.99	\$22.00	\$41.35	\$31.34	\$6.53	\$189.43
17	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26H	0.15549	0.15549	0.15549	0.15549	0.15549	0.15549	0.9329
18	BA-VA WEIGHTED COST	LINE 10 X LINE 11	\$6.57	\$7.15	\$3.42	\$6.43	\$4.87	\$1.01	\$29.45
19	WEST VIRGINIA	WP 7.1, PG 1, LINES 2 THRU 7	\$59.45	\$62.05	\$32.17	\$63.89	\$40.33	\$11.51	\$269.41
20	BA-SOUTH WEIGHTING	WP 8.0, PG 1, LINE 26I	0.03782	0.03782	0.03782	0.03782	0.03782	0.03782	0.2269
21	BA-WV WEIGHTED COST	LINE 13 X LINE 14	\$2.25	\$2.35	\$1.22	\$2.42	\$1.53	\$0.44	\$10.19

PHYSICAL COLLOCATION
Verizon - Washington, DC
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DC POWER - LESS THAN OR EQUAL TO 60 AMPS

A	B	C	D	E	F
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 1.0, PG 3, LINE 10	-	-	\$221.40	\$221.40
2 EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24C	-	-	2.8218	2.8218
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$624.75	\$624.75
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$624.75	\$624.75
6 LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22C	0.0092	-	-	0.0092
7 BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23C	-	0.1523	-	0.1523
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$5.73	-	-	\$5.73
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$95.13	-	\$95.13
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$5.73	\$95.13	\$624.75	\$725.60
11 WEIGHTED UNIT INVESTMENT	INE 10 x WP 6.0, PG 1, LINE 26C	\$0.21	\$3.47	\$22.77	\$26.44

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DC POWER - LESS THAN OR EQUAL TO 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 1.0, PG 2 LINE 10	\$5.73	\$95.13	\$624.75	\$725.60
2 DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$1.57	\$38.86	\$40.43
3 COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.65	\$8.18	\$32.36	\$41.19
4 INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.34	\$4.32	\$17.12	\$21.78
5 MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.05	\$0.87	\$40.86	\$41.78
6 ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.36	\$5.93	\$38.92	\$45.20
7 OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.16	\$2.64	\$1.94	\$4.73
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.56	\$23.50	\$170.06	\$195.11
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1. LINE 26C	\$0.06	\$0.86	\$6.20	\$7.11

PHYSICAL COLLOCATION
Verizon - Washington, DC
FCC NO. 1

DC POWER COST DEVELOPMENT - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN
	<u>Microprocessor Plant (BUSS BAR)</u>				
1	AMP	Engineering	5,000	2,600	2,600
2	Material	Engineering	\$27,154	\$23,879	\$23,879
3	Unit Investment Per AMP	(L2 / L1)	\$5.43	\$9.18	\$9.18
4	Statewide Weighting	WP 8.0 Col C, Lns 27-30	0.5982	0.3750	0.0268
5	Statewide Unit Investment Per AMP		\$6.94	\$3.44	\$0.25
	<u>Rectifiers</u>				
6	Quantity	Engineering	6	6	6
7	AMPS per unit	Engineering	400	200	200
8	Tot AMPS	(L6 * L7)	2,400	1,200	1,200
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%
10	Material	Engineering	\$55,502	\$42,046	\$42,046
11	Total Investment	(L10 / L9)	\$66,602	\$50,455	\$50,455
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05
13	Statewide Weighting	WP 8.0 Col C, Lns 27-30	0.5982	0.3750	0.0268
14	Statewide Unit Investment Per AMP		\$33.49	\$15.77	\$1.13
	<u>Batteries</u>				
15	Strings	Engineering	3	3	3
16	AMPS per String	Engineering	688	310	310
17	Tot AMPS	(L15 * L16)	2,064	930	930
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37.60	\$37.60
20	Statewide Weighting	WP 8.0 Col C, Lns 27-30	0.5982	0.3750	0.0268
21	Statewide Unit Investment Per AMP		\$38.57	\$14.10	\$1.01
	<u>Automatic Breaker</u>				
22	AMP per Breaker	Engineering	1,600	1,200	800
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33.33	\$43.75
25	Statewide Weighting	WP 8.0 Col C, Lns 27-30	0.5982	0.3750	0.0268
26	Statewide Unit Investment Per AMP		\$32.37	\$12.50	\$1.17
	<u>Power Distribution Service Cabinet</u>				
27	Amps	Engineering	1,600	800	400
28	Material	Engineering	\$13,976	\$7,788	\$5,677
29	Unit Investment Per AMP	(L28 / L27)	\$8.74	\$9.74	\$14.19
30	Statewide Weighting	WP 8.0 Col C, Lns 27-30	0.5982	0.3750	0.0268
31	Statewide Unit Investment Per AMP		\$9.26	\$3.65	\$0.38
	<u>Emergency engine/turbine (auto start)</u>				
32	AMP Capacity	Engineering	2,605	1,736	1,111
33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778
35	Emerg. Engine Invest	Engineering	\$130,765	\$78,249	\$53,871
36	Conduit/Emer Lights	Engineering	\$45,629	\$30,487	\$23,332
37	Total Investment	(L35 + L36)	\$176,394	\$108,736	\$77,203
38	Unit Investment Per AMP	(L37 / L34)	\$96.73	\$89.48	\$99.27
39	Statewide Weighting	WP 8.0 Col C, Lns 27-30	0.5982	0.3750	0.0268
40	Statewide Unit Investment Per AMP		\$94.08	\$33.55	\$2.66
	<u>Battery Distribution Fuse Bay</u>				
41	AMP Capacity	Engineering	800	800	800
42	Material	Engineering	\$5,355	\$5,355	\$5,355
43	Unit Investment Per AMP	(L42 / L41)	\$6.69	\$6.69	\$6.69
44	Statewide Weighting	WP 8.0 Col C, Lns 27-30	0.5982	0.3750	0.0268
45	Statewide Unit Investment Per AMP		\$6.69	\$2.51	\$0.18
46	<u>Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines</u>		\$221.40		
	(5C+14C+21C+26C+31C+40C+45C)				

PHYSICAL COLLOCATION
Verizon - Washington, DC
FCC - 1

DC POWER - GREATER THAN 60 AMPS

A	B	C	D	E	F
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 1.1, PG 3, LINE 10	-	-	\$221.12	\$221.12
2 EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24C	-	-	2.8218	2.8218
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$623.95	\$623.95
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$623.95	\$623.95
6 LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22C	0.0092	-	-	0.0092
7 BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23C	-	0.1523	-	0.1523
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$5.72	-	-	\$5.72
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$95.01	-	\$95.01
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$5.72	\$95.01	\$623.95	\$724.68
11 WEIGHTED UNIT INVESTMENT	INE 10 x WP 6.0, PG 1, LINE 26C	\$0.21	\$3.46	\$22.74	\$26.41

PHYSICAL COLLOCATION
Verizon - Washington, DC
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DC POWER - GREATER THAN 60 AMPS

A	B	C	D	E	F
ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1 TOTAL UNIT INVESTMENT	WP 1.1, PG 2 LINE 10	\$5.72	\$95.01	\$623.95	\$724.68
2 DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$1.57	\$38.81	\$40.38
3 COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.65	\$8.17	\$32.32	\$41.14
4 INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.34	\$4.31	\$17.10	\$21.75
5 MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.05	\$0.86	\$40.81	\$41.72
6 ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.36	\$5.92	\$38.87	\$45.15
7 OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.16	\$2.63	\$1.93	\$4.72
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.56	\$23.47	\$169.84	\$194.86
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26C	\$0.06	\$0.86	\$6.19	\$7.10

PHYSICAL COLLOCATION
Verizon - Washington, DC
FCC NO. 1

DC POWER COST DEVELOPMENT - GREATER THAN 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN
	Microprocessor Plant (BUSS BAR)				
1	AMP	Engineering	5,000	2,600	2,600
2	Material	Engineering	\$27,154	\$23,879	\$23,879
3	Unit Investment Per AMP	(L2 / L1)	\$5.43	\$9.18	\$9.18
4	Statewide Weighting	WP 8.0, Col C, Lns 27-30	0.5982	0.3750	0.0268
5	Statewide Unit Investment Per AMP		\$6.94	\$3.44	\$0.25
	Rectifiers				
6	Quantity	Engineering	6	6	6
7	AMPS per unit	Engineering	400	200	200
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%
10	Material	Engineering	\$55,502	\$42,046	\$42,046
11	Total Investment	(L10 / L9)	\$66,602	\$50,455	\$50,455
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05
13	Statewide Weighting	WP 8.0, Col C, Lns 27-30	0.5982	0.3750	0.0268
14	Statewide Unit Investment Per AMP		\$33.49	\$15.77	\$1.13
	Batteries				
15	Strings	Engineering	3	3	3
16	AMPS per String	Engineering	688	310	310
17	Tot. AMPS	(L15 * L16)	2,064	930	930
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37.60	\$37.60
20	Statewide Weighting	WP 8.0, Col C, Lns 27-30	0.5982	0.3750	0.0268
21	Statewide Unit Investment Per AMP		\$38.57	\$14.10	\$1.01
	Automatic Breaker				
22	AMP per Breaker	Engineering	1,600	1,200	800
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33.33	\$43.75
25	Statewide Weighting	WP 8.0, Col C, Lns 27-30	0.5982	0.3750	0.0268
26	Statewide Unit Investment Per AMP		\$32.37	\$12.50	\$1.17
	Power Distribution Service Cabinet				
27	Amps	Engineering	1,600	800	400
28	Material	Engineering	\$13,976	\$7,788	\$5,677
29	Unit Investment Per AMP	(L28 / L27)	\$8.74	\$9.74	\$14.19
30	Statewide Weighting	WP 8.0, Col C, Lns 27-30	0.5982	0.3750	0.0268
31	Statewide Unit Investment Per AMP		\$9.26	\$3.65	\$0.38
	Emergency engine/turbine (auto start)				
32	AMP Capacity	Engineering	2,605	1,736	1,111
33	Utilization	Engineering	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778
35	Emerg. Engine Invest.	Engineering	\$130,765	\$78,249	\$53,871
36	Conduit/Emer Lights	Engineering	\$45,629	\$30,487	\$23,332
37	Total Investment	(L35 + L36)	\$176,394	\$108,736	\$77,203
38	Unit Investment Per AMP	(L37 / L34)	\$96.73	\$89.48	\$99.27
39	Statewide Weighting	WP 8.0, Col C, Lns 27-30	0.5982	0.3750	0.0268
40	Statewide Unit Investment Per AMP		\$94.08	\$33.55	\$2.66
	Power Plant Distribution Bay				
41	AMP Capacity	Engineering	2,600	1,200	1,200
42	Material	Engineering	\$12,747	\$10,388	\$10,388
43	Unit Investment Per AMP	(L42 / L41)	\$4.90	\$8.66	\$8.66
44	Statewide Weighting	WP 8.0, Col C, Lns 27-30	0.5982	0.3750	0.0268
45	Statewide Unit Investment Per AMP		\$6.41	\$3.25	\$0.23
41	Total Unit Investment - (Greater than 60 AMPs) -Sum Lines		\$221.12		
	(5C+14C+21C+26C+31C+40C + 45C)				

PHYSICAL COLLOCATION
Verizon - Delaware
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

A	B	C	D	E	F
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 2.0, PG 3, LINE 10	-	-	\$247.50	\$247.50
2 EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24D	-	-	2.8218	2.8218
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$698.41	\$698.41
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$698.41	\$698.41
6 LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22D	0.0094	-	-	0.0094
7 BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23D	-	0.1994	-	0.1994
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$6.56	-	-	\$6.56
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$139.29	-	\$139.29
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$6.56	\$139.29	\$698.41	\$844.25
11 WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26D	\$0.17	\$3.57	\$17.92	\$21.66

PHYSICAL COLLOCATION
Verizon - Delaware
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 2.0, PG 2 LINE 10	\$6.56	\$139.29	\$698.41	\$844.25
2 DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$2.98	\$43.37	\$46.35
3 COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.74	\$11.62	\$36.39	\$48.74
4 INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.38	\$5.98	\$18.72	\$25.07
5 MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.18	\$3.72	\$49.73	\$53.62
6 ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.19	\$4.05	\$20.32	\$24.57
7 OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.13	\$2.67	\$4.33	\$7.13
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.61	\$31.02	\$172.86	\$205.49
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1 LINE 26D	\$0.04	\$0.80	\$4.44	\$5.27

PHYSICAL COLLOCATION
Verizon - Delaware
FCC NO. 1

DC POWER COST DEVELOPMENT - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL	
Microprocessor Plant (BUSS BAR)							
1	AMP	Engineering	5,000	2,600	2,600	600	
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349	
3	Unit Investment Per AMP	(L2 / L1)	\$5.43	\$9.18	\$9.18	\$30.58	
4	Statewide Weighting	WP 8.0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
5	Statewide Unit Investment Per AMP		\$10.63	\$1.64	\$2.76	\$2.53	\$3.69
Rectifiers							
6	Quantity	Engineering	6	6	6	7	
7	AMPS per unit	Engineering	400	200	200	50	
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350	
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%	
10	Material	Engineering	\$55,502	\$42,046	\$42,046	\$15,900	
11	Total Investment	(L10 / L9)	\$66,602	\$50,455	\$50,455	\$18,550	
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05	\$53.00	
13	Statewide Weighting	WP 8.0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
14	Statewide Unit Investment Per AMP		\$39.05	\$8.40	\$12.65	\$11.60	\$6.40
Batteries							
15	Strings	Engineering	3	3	3	2	
16	AMPS per String	Engineering	688	310	310	310	
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620	
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310	
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37.60	\$37.60	\$37.60	
20	Statewide Weighting	WP 8.0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
21	Statewide Unit Investment Per AMP		\$38.09	\$11.87	\$11.31	\$10.37	\$4.54
Automatic Breaker							
22	AMP per Breaker	Engineering	1,600	1,200	800	400	
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000	
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33.33	\$43.75	\$50.00	
25	Statewide Weighting	WP 8.0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
25	Statewide Unit Investment Per AMP		\$37.59	\$9.46	\$10.03	\$12.07	\$6.04
Power Distribution Service Cabinet							
27	Amps	Engineering	1,600	800	400	400	
28	Material	Engineering	\$13,976	\$7,788	\$5,677	\$3,467	
29	Unit Investment Per AMP	(L28 / L27)	\$8.74	\$9.74	\$14.19	\$8.67	
30	Statewide Weighting	WP 8.0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
31	Statewide Unit Investment Per AMP		\$10.53	\$2.64	\$2.93	\$3.92	\$1.05
Emergency engine/turbine (auto start)							
32	AMP Capacity	Engineering	2,605	1,736	1,111	434	
33	Utilization	Engineering	70%	70%	70%	70%	
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304	
35	Emerg. Engine Invest	Engineering	\$130,765	\$78,249	\$53,871	\$41,874	
36	Conduit/Emer Lights	Engineering	\$45,629	\$30,487	\$23,332	\$11,810	
37	Total Investment	(L35 + L36)	\$176,394	\$108,736	\$77,203	\$53,684	
38	Unit Investment Per AMP	(L37 / L34)	\$96.73	\$89.48	\$99.27	\$176.71	
39	Statewide Weighting	WP 8.0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
40	Statewide Unit Investment Per AMP		\$104.91	\$29.28	\$26.92	\$27.39	\$21.33
Battery Distribution Fuse Bay							
41	AMP Capacity	Engineering	800	800	800	800	
42	Material	Engineering	\$5,355	\$5,355	\$5,355	\$5,355	
43	Unit Investment Per AMP	(L42 / L41)	\$6.69	\$6.69	\$6.69	\$6.69	
44	Statewide Weighting	WP 8.0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
45	Statewide Unit Investment Per AMP		\$6.69	\$2.03	\$2.01	\$1.85	\$0.81
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)		\$247.50				

PHYSICAL COLLOCATION
Verizon - Delaware
FCC - 1

DC POWER - GREATER THAN 60 AMPS

A	B	C	D	E	F
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 2.0, PG 3, LINE 10	-	-	\$249.29	\$249.29
2 EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24D	-	-	2.8218	2.8218
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$703.46	\$703.46
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$703.46	\$703.46
6 LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22D	0.0094	-	-	0.0094
7 BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23D	-	0.1994	-	0.1994
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$6.60	-	-	\$6.60
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$140.30	-	\$140.30
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$6.60	\$140.30	\$703.46	\$850.36
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 8.0, PG 1, LINE 26D	\$0.17	\$3.60	\$18.05	\$21.82

PHYSICAL COLLOCATION
Verizon - Delaware
FCC - 1

DC POWER - GREATER THAN 60 AMPS

A	B	C	D	E	F
ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1 TOTAL UNIT INVESTMENT	WP 2 0, PG 2 LINE 10	\$6 60	\$140 30	\$703.46	\$850.36
2 DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$3.00	\$43.68	\$46.69
3 COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.75	\$11.70	\$36.65	\$49.10
4 INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.38	\$6.02	\$18.85	\$25.26
5 MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.18	\$3.75	\$50.09	\$54.01
6 ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.19	\$4.08	\$20.47	\$24.75
7 OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.13	\$2.69	\$4.36	\$7.18
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.62	\$31.24	\$174.11	\$206.98
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26D	\$0.04	\$0.80	\$4.47	\$5.31

PHYSICAL COLLOCATION
Verizon - Delaware
FCC NO. 1

DC POWER - GREATER THAN 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL	
<u>Microprocessor Plant (BUSS BAR)</u>							
1	AMP	Engineering	5,000	2,600	2,600	600	
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349	
3	Unit Investment Per AMP	(L2 / L1)	\$5 43	\$9 18	\$9 18	\$30 58	
4	Statewide Weighting	WP 8 0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
5	Statewide Unit Investment Per AMP		\$10.63	\$1 64	\$2 76	\$2 53	\$3 69
<u>Rectifiers</u>							
6	Quantity	Engineering	6	6	6	7	
7	AMPS per unit	Engineering	400	200	200	50	
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350	
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%	
10	Material	Engineering	\$55,502	\$42,046	\$42,046	\$15,900	
11	Total Investment	(L10 / L9)	\$66,602	\$50,455	\$50,455	\$18,550	
12	Unit Investment Per AMP	(L11 / L8)	\$27 75	\$42 05	\$42 05	\$53 00	
13	Statewide Weighting	WP 8 0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
14	Statewide Unit Investment Per AMP		\$39.05	\$8 40	\$12 65	\$11 60	\$6 40
<u>Batteries</u>							
15	Strings	Engineering	3	3	3	2	
16	AMPS per String	Engineering	688	310	310	310	
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620	
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310	
19	Unit Investment Per AMP	(L18 / L17)	\$39 22	\$37 60	\$37 60	\$37 60	
20	Statewide Weighting	WP 8 0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
21	Statewide Unit Investment Per AMP		\$38.09	\$11 87	\$11 31	\$10 37	\$4 54
<u>Automatic Breaker</u>							
22	AMP per Breaker	Engineering	1,600	1,200	800	400	
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000	
24	Unit Investment Per AMP	(L23 / L22)	\$31 25	\$33 33	\$43 75	\$50 00	
25	Statewide Weighting	WP 8 0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
26	Statewide Unit Investment Per AMP		\$37.59	\$9 46	\$10 03	\$12 07	\$6 04
<u>Power Distribution Service Cabinet</u>							
27	Amps	Engineering	1,600	800	400	400	
28	Material	Engineering	\$13,976	\$7,788	\$5,677	\$3,467	
29	Unit Investment Per AMP	(L28 / L27)	\$8 74	\$9 74	\$14 19	\$8 67	
30	Statewide Weighting	WP 8 0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
31	Statewide Unit Investment Per AMP		\$10.53	\$2 64	\$2 93	\$3 92	\$1 05
<u>Emergency engine/turbine (auto start)</u>							
32	AMP Capacity	Engineering	2,605	1,736	1,111	434	
33	Utilization	Engineering	70%	70%	70%	70%	
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304	
35	Emerg. Engine Invest.	Engineering	\$130,765	\$78,249	\$53,871	\$41,874	
36	Conduit/Emer Lights	Engineering	\$45,629	\$30,487	\$23,332	\$11,810	
37	Total Investment	(L35 + L36)	\$176,394	\$108,736	\$77,203	\$53,684	
38	Unit Investment Per AMP	(L37 / L34)	\$96 73	\$89 48	\$99 27	\$176 71	
39	Statewide Weighting	WP 8 0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
40	Statewide Unit Investment Per AMP		\$104 91	\$29 28	\$26 92	\$27 39	\$21 33
<u>Power Plant Distribution Bay</u>							
41	AMP Capacity	Engineering	2,600	1,200	1,200	300	
42	Material	Engineering	\$12,747	\$10,388	\$10,388	\$4,993	
43	Unit Investment Per AMP	(L42 / L41)	\$4 90	\$8 66	\$8 66	\$16 64	
44	Statewide Weighting	WP 8 0, Col D, Lns 27-30	0.3027	0.3008	0.2759	0.1207	
45	Statewide Unit Investment Per AMP		\$8 49	\$1 48	\$2 60	\$2 39	\$2 01
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)		\$249 29				

PHYSICAL COLLOCATION
Verizon - Maryland
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

A	B	C	D	E	F
ITEM	SOURCE	LAND	BLDG	SWITCH EQPT.	TOTAL INVEST
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 3.1 PG 3, LINE 10	-	-	\$248.71	\$248.71
2 EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24E	-	-	2.8218	2.8218
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$701.81	\$701.81
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$701.81	\$701.81
6 LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22E	0.0078	-	-	0.0078
7 BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23E	-	0.1470	-	0.1470
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$5.47	-	-	\$5.47
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$103.16	-	\$103.16
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$5.47	\$103.16	\$701.81	\$810.44
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 8.0, PG 1, LINE 26E	\$0.89	\$16.76	\$114.01	\$131.66

PHYSICAL COLLOCATION
Verizon - Maryland
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

A	B	C	D	E	F
ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1 TOTAL UNIT INVESTMENT	WP 3.0, PG 2 LINE 10	\$5 47	\$103 16	\$701 81	\$810.44
2 DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0 00	\$2 27	\$44.00	\$46 27
3 COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0 62	\$8 60	\$36 70	\$45 93
4 INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0 30	\$4 23	\$18.04	\$22.57
5 MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0 14	\$2 65	\$35 16	\$37.95
6 ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0 23	\$4 43	\$30 11	\$34 77
7 OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0 10	\$1 81	\$12.28	\$14.18
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1 39	\$23 98	\$176 30	\$201.67
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26E	\$0 23	\$3 90	\$28 64	\$32.76

PHYSICAL COLLOCATION
Verizon - Maryland
FCC NO. 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL	
	<u>Microprocessor Plant (BUSS BAR)</u>						
1	AMP	Engineering	5,000	2,600	2,600	600	
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349	
3	Unit Investment Per AMP	(L2 / L1)	\$5.43	\$9.18	\$9.18	\$30.58	
4	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
5	Statewide Unit Investment Per AMP		\$11.47	\$0.96	\$4.74	\$1.56	\$4.21
	<u>Rectifiers</u>						
6	Quantity	Engineering	6	6	6	7	
7	AMPS per unit	Engineering	400	200	200	50	
8	Tot. AMPS	(L6 * L7)	2,400	1,200	1,200	350	
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%	
10	Material	Engineering	\$55,502	\$42,046	\$42,046	\$15,900	
11	Total Investment	(L10 / L9)	\$66,602	\$50,455	\$50,455	\$18,550	
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05	\$53.00	
13	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
14	Statewide Unit Investment Per AMP		\$41.03	\$4.89	\$21.70	\$7.14	\$7.30
	<u>Batteries</u>						
15	Strings	Engineering	3	3	3	2	
16	AMPS per String	Engineering	688	310	310	310	
17	Tot. AMPS	(L15 * L16)	2,064	930	930	620	
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310	
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37.60	\$37.60	\$37.60	
20	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
21	Statewide Unit Investment Per AMP		\$37.88	\$6.91	\$19.41	\$6.38	\$5.18
	<u>Automatic Breaker</u>						
22	AMP per Breaker	Engineering	1,600	1,200	800	400	
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000	
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33.33	\$43.75	\$50.00	
25	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
26	Statewide Unit Investment Per AMP		\$37.03	\$5.51	\$17.21	\$7.43	\$6.89
	<u>Power Distribution Service Cabinet</u>						
27	Amps	Engineering	1,600	800	400	400	
28	Material	Engineering	\$13,975	\$7,788	\$5,677	\$3,467	
29	Unit Investment Per AMP	(L28 / L27)	\$8.74	\$9.74	\$14.19	\$8.67	
30	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
31	Statewide Unit Investment Per AMP		\$10.17	\$1.54	\$5.03	\$2.41	\$1.19
	<u>Emergency engine/turbine (auto start)</u>						
32	AMP Capacity	Engineering	2,605	1,736	1,111	434	
33	Utilization	Engineering	70%	70%	70%	70%	
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304	
35	Emerg. Engine Invest.	Engineering	\$130,765	\$78,249	\$53,871	\$41,874	
36	Conduit/Emer Lights	Engineering	\$45,629	\$30,487	\$23,332	\$11,810	
37	Total Investment	(L35 + L36)	\$176,394	\$108,736	\$77,203	\$53,684	
38	Unit Investment Per AMP	(L37 / L34)	\$96.73	\$89.48	\$99.27	\$176.71	
39	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
40	Statewide Unit Investment Per AMP		\$104.43	\$17.05	\$46.19	\$16.86	\$24.33
	<u>Battery Distribution Fuse Bay</u>						
41	AMP Capacity	Engineering	800	800	800	800	
42	Material	Engineering	\$5,355	\$5,355	\$5,355	\$5,355	
43	Unit Investment Per AMP	(L42 / L41)	\$6.69	\$6.69	\$6.69	\$6.69	
44	Statewide Weighting	WP 8.0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
45	Statewide Unit Investment Per AMP		\$6.69	\$1.18	\$3.46	\$1.14	\$0.92
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)						
			\$248.71				

PHYSICAL COLLOCATION
Verizon - Maryland
FCC - 1

DC POWER - GREATER THAN 60 AMPS

A	B	C	D	E	F
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 3.0, PG 3, LINE 10	-	-	\$251.11	\$251.11
2 EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24E	-	-	2.8218	2.8218
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$708.59	\$708.59
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$708.59	\$708.59
6 LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22E	0.0078	-	-	0.0078
7 BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23E	-	0.1470	-	0.1470
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$5.53	-	-	\$5.53
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$104.15	-	\$104.15
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$5.53	\$104.15	\$708.59	\$818.27
11 WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1, LINE 26E	\$0.90	\$16.92	\$115.11	\$132.93

PHYSICAL COLLOCATION
Verizon - Maryland
FCC - 1

DC POWER - GREATER THAN 60 AMPS

A	B	C	D	E	F
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 3 0, PG 2 LINE 10	\$5.53	\$104.15	\$708.59	\$818.27
2 DEPRECIATION	LINE 1 X WP 8 0 - ACF FACTOR	\$0.00	\$2.29	\$44.43	\$46.72
3 COST OF MONEY	LINE 1 X WP 8 0 - ACF FACTOR	\$0.62	\$8.69	\$37.06	\$46.37
4 INCOME TAX	LINE 1 X WP 8 0 - ACF FACTOR	\$0.31	\$4.27	\$18.21	\$22.79
5 MAINTENANCE	LINE 1 X WP 8 0 - ACF FACTOR	\$0.14	\$2.68	\$35.50	\$38.32
6 ADMINISTRATION	LINE 1 X WP 8 0 - ACF FACTOR	\$0.24	\$4.47	\$30.40	\$35.10
7 OTHER TAX	LINE 1 X WP 8 0 - ACF FACTOR	<u>\$0.10</u>	<u>\$1.82</u>	<u>\$12.40</u>	<u>\$14.32</u>
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.41	\$24.22	\$178.00	\$203.62
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8 0, PG 1, LINE 26E	\$0.23	\$3.93	\$28.92	\$33.08

PHYSICAL COLLOCATION
Verizon - Maryland
FCC NO. 1

DC POWER - GREATER THAN 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL	
Microprocessor Plant (BUSS BAR)							
1	AMP	Engineering	5,000	2,600	2,600	600	
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349	
3	Unit Investment Per AMP	(L2 / L1)	\$5.43	\$9.18	\$9.18	\$30.58	
4	Statewide Weighting	WP 8 0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
5	Statewide Unit Investment Per AMP		\$11.47	\$0.96	\$4.74	\$1.56	\$4.21
Rectifiers							
6	Quantity	Engineering	6	6	6	7	
7	AMPS per unit	Engineering	400	200	200	50	
8	Tot AMPS	(L6 * L7)	2,400	1,200	1,200	350	
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%	
10	Material	Engineering	\$55,502	\$42,046	\$42,046	\$15,900	
11	Total Investment	(L10 / L9)	\$66,602	\$50,455	\$50,455	\$18,550	
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05	\$53.00	
13	Statewide Weighting	WP 8 0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
14	Statewide Unit Investment Per AMP		\$41.03	\$4.89	\$21.70	\$7.30	
Batteries							
15	Strings	Engineering	3	3	3	2	
16	AMPS per String	Engineering	688	310	310	310	
17	Tot AMPS	(L15 * L16)	2,064	930	930	620	
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310	
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37.60	\$37.60	\$37.60	
20	Statewide Weighting	WP 8 0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
21	Statewide Unit Investment Per AMP		\$37.88	\$6.91	\$19.41	\$6.38	\$5.18
Automatic Breaker							
22	AMP per Breaker	Engineering	1,600	1,200	800	400	
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000	
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33.33	\$43.75	\$50.00	
25	Statewide Weighting	WP 8 0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
26	Statewide Unit Investment Per AMP		\$37.03	\$5.51	\$17.21	\$7.43	\$6.89
Power Distribution Service Cabinet							
27	Amps	Engineering	1,600	800	400	400	
28	Material	Engineering	\$13,976	\$7,788	\$5,677	\$3,467	
29	Unit Investment Per AMP	(L28 / L27)	\$8.74	\$9.74	\$14.19	\$8.67	
30	Statewide Weighting	WP 8 0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
31	Statewide Unit Investment Per AMP		\$10.17	\$1.54	\$5.03	\$2.41	\$1.19
Emergency engine/turbine (auto start)							
32	AMP Capacity	Engineering	2,605	1,736	1,111	434	
33	Utilization	Engineering	70%	70%	70%	70%	
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304	
35	Emerg Engine Invest	Engineering	\$130,765	\$78,249	\$53,871	\$41,874	
36	Conduit/Emer Lights	Engineering	\$45,629	\$30,487	\$23,332	\$11,810	
37	Total Investment	(L35 + L36)	\$176,394	\$108,736	\$77,203	\$53,684	
38	Unit Investment Per AMP	(L37 / L34)	\$96.73	\$89.48	\$99.27	\$176.71	
39	Statewide Weighting	WP 8 0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
40	Statewide Unit Investment Per AMP		\$104.43	\$17.05	\$46.19	\$16.86	\$24.33
Power Plant Distribution Bay							
41	AMP Capacity	Engineering	2,600	1,200	1,200	300	
42	Material	Engineering	\$12,747	\$10,388	\$10,388	\$4,993	
43	Unit Investment Per AMP	(L42 / L41)	\$4.90	\$8.66	\$8.66	\$16.64	
44	Statewide Weighting	WP 8 0, Col E, Lns 27-30	0.1763	0.5162	0.1698	0.1377	
45	Statewide Unit Investment Per AMP		\$9.09	\$0.86	\$4.47	\$1.47	\$2.29
46	Total Unit Investment - (Greater than 60 AMPS) -Sum Lines		\$251.11				
	(5C+14C+21C+26C+31C+40C + 45C)						

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

A	B	C	D	E	F
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 4.0, PG 3, LINE 10	-	-	\$232.28	\$232.28
2 EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24F	-	-	2.8218	2.8218
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$655.46	\$655.46
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$655.46	\$655.46
6 LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22F	0.0106	-	-	0.0106
7 BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23F	-	0.1687	-	0.1687
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$6.94	-	-	\$6.94
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$110.59	-	\$110.59
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$6.94	\$110.59	\$655.46	\$772.99
11 WEIGHTED UNIT INVESTMENT	INE 10 x WP 8.0, PG 1 LINE 26F	\$2.03	\$32.29	\$191.37	\$225.68

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

A	B	C	D	E	F
ITEM	SOURCE	LAND	BLDG	CKT EQPT.	TOTAL INVEST
1 TOTAL UNIT INVESTMENT	WP 4.0, PG 2 LINE 10	\$6.94	\$110.59	\$655.46	\$772.99
2 DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$2.40	\$37.30	\$39.70
3 COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.79	\$9.21	\$34.41	\$44.41
4 INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.41	\$4.78	\$17.83	\$23.01
5 MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.18	\$2.85	\$39.39	\$42.43
6 ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.30	\$4.78	\$28.32	\$33.39
7 OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	<u>\$0.09</u>	<u>\$1.37</u>	<u>\$8.13</u>	<u>\$9.59</u>
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.76	\$25.39	\$165.37	\$192.52
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0, PG 1, LINE 26F	\$0.51	\$7.41	\$48.28	\$56.21

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC NO. 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
	Microprocessor Plant (BUSS BAR)					
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349
3	Unit Investment Per AMP	(L2 / L1)	\$5.43	\$9.18	\$9.18	\$30.58
4	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
5	Statewide Unit Investment Per AMP	\$8.62	\$1.68	\$4.50	\$1.58	\$0.85
	Rectifiers					
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot AMPS	(L6 * L7)	2,400	1,200	1,200	350
9	Utilization	(L6-1) / L6)	83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	\$55,502	\$42,046	\$42,046	\$15,900
11	Total Investment	(L10 / L9)	\$66,602	\$50,455	\$50,455	\$18,550
12	Unit Investment Per AMP	(L11 / L8)	\$27.75	\$42.05	\$42.05	\$53.00
13	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
14	Statewide Unit Investment Per AMP	\$37.92	\$8.59	\$20.61	\$7.25	\$1.47
	Batteries					
15	Strings	Engineering	3	3	3	2
16	AMPS per String	Engineering	688	310	310	310
17	Tot AMPS	(L15 * L16)	2,064	930	930	620
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310
19	Unit Investment Per AMP	(L18 / L17)	\$39.22	\$37.60	\$37.60	\$37.60
20	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
21	Statewide Unit Investment Per AMP	\$38.10	\$12.15	\$18.43	\$6.48	\$1.05
	Automatic Breaker					
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP	(L23 / L22)	\$31.25	\$33.33	\$43.75	\$50.00
25	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
26	Statewide Unit Investment Per AMP	\$34.95	\$9.68	\$16.34	\$7.54	\$1.39
	Power Distribution Service Cabinet					
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	\$13,976	\$7,788	\$5,677	\$3,467
29	Unit Investment Per AMP	(L28 / L27)	\$8.74	\$9.74	\$14.19	\$8.67
30	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
31	Statewide Unit Investment Per AMP	\$10.16	\$2.71	\$4.77	\$2.45	\$0.24
	Emergency engine/turbine (auto start)					
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS	(L32 * L33)	1,824	1,215	778	304
35	Emerg. Engine Invest.	Engineering	\$130,765	\$78,249	\$53,871	\$41,874
36	Conduit/Emer Lights	Engineering	\$45,629	\$30,487	\$23,332	\$11,810
37	Total Investment	(L35 + L36)	\$176,394	\$108,736	\$77,203	\$53,684
38	Unit Investment Per AMP	(L37 / L34)	\$96.73	\$89.48	\$99.27	\$176.71
39	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
40	Statewide Unit Investment Per AMP	\$95.84	\$29.96	\$43.85	\$17.11	\$4.91
	Battery Distribution Fuse Bay					
41	AMP Capacity	Engineering	800	800	800	800
42	Material	Engineering	\$5,355	\$5,355	\$5,355	\$5,355
43	Unit Investment Per AMP	(L42 / L41)	\$6.69	\$6.69	\$6.69	\$6.69
44	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
45	Statewide Unit Investment Per AMP	\$6.69	\$2.07	\$3.28	\$1.15	\$0.19
46	Total Unit Investment - (Less than or Equal to 60 AMP's) - Sum Lines (5C+14C+21C+26C+31C+40C+45C)		\$232.28			

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC - 1

DC POWER - GREATER THAN 60 AMPS

<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 4.0, PG 3, LINE 10	-	-	\$233.31	\$233.31
2 EF&I FACTOR - FRC 377C	WP 8.0, PG 1, LINE 24F	-	-	2,8218	2,8218
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$658.34	\$658.34
4 UTILIZATION FACTOR	ENGINEERING	-	-	1,0000	1,0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$658.34	\$658.34
6 LAND INVESTMENT FACTOR	WP 8.0, PG 1, LINE 22F	0.0106	-	-	0.0106
7 BUILDING INVESTMENT FACTOR	WP 8.0, PG 1, LINE 23F	-	0.1687	-	0.1687
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$6.97	-	-	\$6.97
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$111.08	-	\$111.08
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$6.97	\$111.08	\$658.34	\$776.40
11 WEIGHTED UNIT INVESTMENT	LINE 10 x WP 8.0, PG 1, LINE 26F	\$2.04	\$32.43	\$192.21	\$226.68

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC - 1

DC POWER - GREATER THAN 60 AMPS

A	B	C	D	E	F
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>CKT EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL UNIT INVESTMENT	WP 4.0. PG 2 LINE 10	\$6.97	\$111.08	\$658.34	\$776.40
2 DEPRECIATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.00	\$2.41	\$37.46	\$39.87
3 COST OF MONEY	LINE 1 X WP 8.0 - ACF FACTOR	\$0.79	\$9.25	\$34.56	\$44.60
4 INCOME TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.41	\$4.80	\$17.91	\$23.11
5 MAINTENANCE	LINE 1 X WP 8.0 - ACF FACTOR	\$0.18	\$2.87	\$39.57	\$42.61
6 ADMINISTRATION	LINE 1 X WP 8.0 - ACF FACTOR	\$0.30	\$4.80	\$28.44	\$33.54
7 OTHER TAX	LINE 1 X WP 8.0 - ACF FACTOR	\$0.09	\$1.38	\$8.16	\$9.63
8 ANNUAL DIRECT COST	SUM (LINE 2 THRU LINE 7)	\$1.77	\$25.50	\$166.10	\$193.37
9 WEIGHTED UNIT INVESTMENT	LINE 8 x WP 8.0 PG 1 LINE 26F	\$0.52	\$7.45	\$48.49	\$56.46

PHYSICAL COLLOCATION
Verizon - New Jersey
FCC NO. 1

DC POWER - GREATER THAN 60 AMPS

LINE NO.	A ITEM	B SOURCE	C METRO	D URBAN	E SUBURBAN	F RURAL
Microprocessor Plant (BUSS BAR)						
1	AMP	Engineering	5,000	2,600	2,600	600
2	Material	Engineering	\$27,154	\$23,879	\$23,879	\$18,349
3	Unit Investment Per AMP (L2 / L1)		\$5.43	\$9.18	\$9.18	\$30.58
4	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
5	Statewide Unit Investment Per AMP	\$8.62	\$1.68	\$4.50	\$1.58	\$0.85
Rectifiers						
6	Quantity	Engineering	6	6	6	7
7	AMPS per unit	Engineering	400	200	200	50
8	Tot. AMPS (L6 * L7)		2,400	1,200	1,200	350
9	Utilization (L6-1) / L6)		83.33%	83.33%	83.33%	85.71%
10	Material	Engineering	\$55,502	\$42,046	\$42,046	\$15,900
11	Total Investment (L10 / L9)		\$66,602	\$50,455	\$50,455	\$18,550
12	Unit Investment Per AMP (L11 / L8)		\$27.75	\$42.05	\$42.05	\$53.00
13	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
14	Statewide Unit Investment Per AMP	\$37.92	\$8.59	\$20.61	\$7.25	\$1.47
Batteries						
15	Strings	Engineering	3	3	3	2
16	AMPS per String	Engineering	688	310	310	310
17	Tot. AMPS (L15 * L16)		2,064	930	930	620
18	Total Investment	Engineering	\$80,952	\$34,965	\$34,965	\$23,310
19	Unit Investment Per AMP (L18 / L17)		\$39.22	\$37.60	\$37.60	\$37.60
20	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
21	Statewide Unit Investment Per AMP	\$38.10	\$12.15	\$18.43	\$6.48	\$1.05
Automatic Breaker						
22	AMP per Breaker	Engineering	1,600	1,200	800	400
23	Total Investment	Engineering	\$50,000	\$40,000	\$35,000	\$20,000
24	Unit Investment Per AMP (L23 / L22)		\$31.25	\$33.33	\$43.75	\$50.00
25	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
26	Statewide Unit Investment Per AMP	\$34.95	\$9.68	\$16.34	\$7.54	\$1.39
Power Distribution Service Cabinet						
27	Amps	Engineering	1,600	800	400	400
28	Material	Engineering	\$13,976	\$7,788	\$5,677	\$3,467
29	Unit Investment Per AMP (L28 / L27)		\$8.74	\$9.74	\$14.19	\$8.67
30	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
31	Statewide Unit Investment Per AMP	\$10.16	\$2.71	\$4.77	\$2.45	\$0.24
Emergency engine/turbine (auto start)						
32	AMP Capacity	Engineering	2,605	1,736	1,111	434
33	Utilization	Engineering	70%	70%	70%	70%
34	Utilized AMPS (L32 * L33)		1,824	1,215	778	304
35	Emerg. Engine Invest	Engineering	\$130,765	\$78,249	\$53,871	\$41,874
36	Conduit/Emer Lights	Engineering	\$45,629	\$30,487	\$23,332	\$11,810
37	Total Investment (L35 + L36)		\$176,394	\$108,736	\$77,203	\$53,684
38	Unit Investment Per AMP (L37 / L34)		\$96.73	\$89.48	\$99.27	\$176.71
39	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
40	Statewide Unit Investment Per AMP	\$95.84	\$29.96	\$43.85	\$17.11	\$4.91
Power Plant Distribution Bay						
41	AMP Capacity	Engineering	2,600	1,200	1,200	300
42	Material	Engineering	\$12,747	\$10,388	\$10,388	\$4,993
43	Unit Investment Per AMP (L42 / L41)		\$4.90	\$8.66	\$8.66	\$16.64
44	Statewide Weighting	WP 8.0, Col F, Lns 27-30	0.3097	0.4901	0.1724	0.0278
45	Statewide Unit Investment Per AMP	\$7.72	\$1.52	\$4.24	\$1.49	\$0.46
46	Total Unit Investment - (Greater than 60 AMPs) -Sum Lines (5C+14C+21C+26C+31C+40C + 45C)	\$233.31				

PHYSICAL COLLOCATION
Bell Atlantic - Pennsylvania
FCC - 1

DC POWER - LESS THAN OR EQUAL TO 60 AMPS

A	B	C	D	E	F
<u>ITEM</u>	<u>SOURCE</u>	<u>LAND</u>	<u>BLDG</u>	<u>SWITCH EQPT.</u>	<u>TOTAL INVEST</u>
1 TOTAL POWER PLANT UNIT INVESTMENT	WP 5 0, PG 3, LINE 10	-	-	\$248.83	\$248.83
2 EF&I FACTOR - FRC 377C	WP 8 0, PG 1, LINE 24G	-	-	2.8218	2.8218
3 INSTALLED INVESTMENT (NRC)	LINE 1 x LINE 2	-	-	\$702.16	\$702.16
4 UTILIZATION FACTOR	ENGINEERING	-	-	1.0000	1.0000
5 TOTAL IN-PLACE INVESTMENT	LINE 3 x LINE 4	-	-	\$702.16	\$702.16
6 LAND INVESTMENT FACTOR	WP 8 0, PG 1, LINE 22G	0.0081	-	-	0.0081
7 BUILDING INVESTMENT FACTOR	WP 8 0, PG 1, LINE 23G	-	0.1757	-	0.1757
8 LAND INVESTMENT	LINE 5E x LINE 6C	\$5.66	-	-	\$5.66
9 BUILDING INVESTMENT	LINE 5E x LINE 7D	-	\$123.38	-	\$123.38
10 TOTAL UNIT INVESTMENT	LINE 5E + LINE 8C + LINE 9D	\$5.66	\$123.38	\$702.16	\$831.19
11 WEIGHTED UNIT INVESTMENT	INE 10 x WP 8 0, PG 1, LINE 26G	\$1.64	\$35.80	\$203.76	\$241.20