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USDA ARS FACILITY ELECTRICAL SYSTEM REPORT

APPENDIX D – SHORT CIRCUIT REPORT

7/8/2022

REV. 1

PREPARED FOR:

Project: USDA ARS Ames, IA Alliant Feed
USDA

DAPPER Fault Contribution Brief Report

Comprehensive Short Circuit Study Settings

Three Phase Fault	Yes	**Faulted Bus**	All Buses
Single Line to Ground	Yes	**Bus Voltages**	First Bus From Fault
Line to Line Fault	Yes	**Branch Currents**	First Branch From Fault
Line to Line to Ground	Yes	**Phase or Sequence**	Report phase quantities
Motor Contribution	Yes	**Fault Current Calculation**	Initial Symmetrical RMS (with 1/2 Cycle Asym)
Transformer Tap	Yes	**Asym Fault Current at Time**	0.50 **Cycles**
Xformer Phase Shift	Yes		

				----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
Bus Name	**----------Contributions----------**			**3 Phase**	**SLG**	**LLG**	**LL**	**3 Phase**	**SLG**	**LLG**	**LL**
(BLDG 7)-15KV SWITCH A				**7,381**	**6,176**	**7,556**	**6,392**	**7,995**	**6,318**	**7,981**	**6,923**
	FDR_T-A (BLDG 7)	CABLE	In	109	61	99	95	118	62	105	102
	FDR_(BLDG 7)-15KV SWITCH A	CABLE	In	7,273	6,115	7,457	6,298	7,877	6,256	7,877	6,822
(BLDG 7)-15KV-SWITCH B				**7,344**	**6,140**	**7,514**	**6,360**	**7,949**	**6,281**	**7,934**	**6,884**
	FDR_T-B (BLDG 7)	CABLE	In	83	46	75	72	90	47	79	78
	FDR_(BLDG 7)-15KV SWITCH B	CABLE	In	7,261	6,094	7,439	6,289	7,860	6,234	7,855	6,807
15KV-SWGR-A (BLDG 20)				**7,005**	**5,752**	**7,070**	**6,066**	**7,546**	**5,891**	**7,458**	**6,535**
	FDR_XFMR-T1A (BLDG 20)	CABLE	In	16	9	15	14	18	9	16	15
	FDR_XFMR-T2A (BLDG 20)	CABLE	In	224	123	203	195	241	126	214	210
	FDR_XFMR-T3A (BLDG 20)	CABLE	In	265	145	239	229	285	148	252	247
	FDR_15KV-SWGR-A (BLDG 20)	CABLE	In	6,505	5,478	6,614	5,633	7,008	5,610	6,978	6,069
15KV-SWGR-B (BLDG 20)				**6,880**	**5,613**	**6,919**	**5,958**	**7,400**	**5,749**	**7,294**	**6,409**

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_XFMR-T1B (BLDG 20)	CABLE	In	11	6	10	10	12	6	10	10
FDR_XFMR-T2B (BLDG 20)	CABLE	In	245	133	220	212	263	136	232	228
FDR_XFMR-T3B (BLDG 20)	CABLE	In	245	133	221	212	264	137	233	228
FDR_15KV-SWGR-B (BLDG 20)	CABLE	In	6,385	5,344	6,468	5,530	6,868	5,473	6,819	5,948
3PA-SECTION-1			**9,374**	**7,787**	**9,267**	**8,118**	**10,356**	**8,192**	**10,047**	**8,968**
FDR_3PA-SECTION-2	CABLE	In	0	0	0	0	0	0	0	0
FDR_EF-A	CABLE	In	195	108	174	169	215	114	189	186
FDR_3PA-SECTION-1	CABLE	In	9,180	7,680	9,094	7,950	10,142	8,080	9,860	8,783
3PA-SECTION-2			**9,323**	**7,732**	**9,212**	**8,074**	**10,292**	**8,131**	**9,982**	**8,913**
FDR_3PA-SECTION-2	CABLE	In	9,323	7,732	9,212	8,074	10,292	8,131	9,982	8,913
3PB-SECTION-1			**9,176**	**7,484**	**9,051**	**7,947**	**10,075**	**7,824**	**9,756**	**8,725**
FDR_3PB-SECTION-2	CABLE	In	0	0	0	0	0	0	0	0
FDR_EF-B	CABLE	In	195	106	174	169	214	111	188	185
FDR_3PB-SECTION-1	CABLE	In	8,983	7,378	8,878	7,779	9,863	7,714	9,569	8,541
3PB-SECTION-2			**9,127**	**7,433**	**8,999**	**7,904**	**10,014**	**7,767**	**9,694**	**8,673**
FDR_XFMR-3LN	CABLE	In	0	0	0	0	0	0	0	0
FDR_3PB-SECTION-2	CABLE	In	9,127	7,433	8,999	7,904	10,014	7,767	9,694	8,673
4160-SWGR-BUS-A-BLDG-154			**13,510**	**15,056**	**14,972**	**11,700**	**16,303**	**18,871**	**18,520**	**14,119**
FDR_CHILLER-4 (BLDG 154)	CABLE	In	1,099	816	996	952	1,326	1,023	1,232	1,148
FDR_4160-SWGR-BUS-A_BLDG 154	CABLE	In	5,229	6,441	6,263	4,528	6,310	8,073	7,747	5,465
PI-0004	PI-EQUI	In	7,182	7,799	7,816	6,220	8,668	9,775	9,668	7,506
4160-SWGR-BUS-B-BLDG-154			**13,520**	**15,063**	**14,978**	**11,709**	**16,325**	**18,889**	**18,536**	**14,137**
FDR_CHILLER-8 (BLDG 154)	CABLE	In	1,094	813	992	948	1,321	1,019	1,227	1,144
FDR_CHILLER-5 (BLDG 154)	CABLE	In	1,098	816	996	951	1,326	1,023	1,232	1,149
FDR_4160-SWGR-BUS-B_BLDG 154	CABLE	In	5,057	6,239	6,069	4,379	6,106	7,823	7,511	5,288
PI-0004	PI-EQUI	In	6,271	7,196	7,101	5,431	7,572	9,024	8,787	6,558
4PA-SECTION1			**9,562**	**7,864**	**9,440**	**8,281**	**10,563**	**8,261**	**10,231**	**9,148**
FDR_4PA-SECTION2	CABLE	In	155	85	139	135	172	89	150	149
FDR_SUPPLY FAN	CABLE	In	193	106	173	167	213	111	187	185
FDR_4PA	CABLE	In	9,215	7,674	9,131	7,980	10,180	8,061	9,896	8,816
4PA-SECTION2			**9,511**	**7,809**	**9,385**	**8,236**	**10,498**	**8,199**	**10,165**	**9,092**
FDR_XFMR-LN (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EXHAUST FAN	CABLE	In	155	85	139	135	172	89	150	149

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_4PA-SECTION2	CABLE	In	9,356	7,724	9,247	8,103	10,328	8,110	10,015	8,944
4PB-SECTION1				**9,523**	**7,729**	**9,395**	**8,247**	**10,479**	**8,080**	**10,141**	**9,075**
	FDR_4PB-SECTION2	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EXHAUST-FAN	CABLE	In	155	84	139	134	171	88	150	148
	FDR_SUPPLY-FAN	CABLE	In	193	104	173	167	212	109	186	184
	FDR_4PB	CABLE	In	9,177	7,542	9,086	7,947	10,098	7,884	9,807	8,745
4PB-SECTION2				**9,471**	**7,675**	**9,339**	**8,202**	**10,413**	**8,020**	**10,074**	**9,018**
	FDR_4PB-SECTION2	CABLE	In	9,471	7,675	9,339	8,202	10,413	8,020	10,074	9,018
AHU-1G.1 (BLDG 20)				**12,375**	**8,225**	**11,688**	**10,717**	**12,468**	**8,240**	**11,754**	**10,797**
	MTR_AHU-1G.1 (BLDG 20)	IND-MTR	In	587	260	520	509	592	261	523	513
	FDR_AHU-1G.1 (BLDG 20)	CABLE	In	11,851	7,993	11,191	10,264	11,940	8,007	11,254	10,340
AHU-1G.2 (BLDG 20)				**9,021**	**5,663**	**8,445**	**7,812**	**9,033**	**5,664**	**8,453**	**7,823**
	MTR_AHU-1G.2 (BLDG 20)	IND-MTR	In	588	246	520	509	589	246	520	510
	FDR_AHU-1G.2 (BLDG 20)	CABLE	In	8,546	5,463	7,981	7,401	8,557	5,464	7,989	7,410
AHU-1H.1 (BLDG 20)				**3,773**	**2,206**	**3,456**	**3,267**	**3,773**	**2,206**	**3,456**	**3,267**
	MTR_AHU-1H.1 (BLDG 20)	IND-MTR	In	235	92	206	204	235	92	206	204
	FDR_AHU-1H.1 (BLDG 20)	CABLE	In	3,651	2,158	3,324	3,162	3,651	2,158	3,324	3,162
AHU-3.E1 (BLDG 20)				**19,565**	**14,018**	**18,518**	**16,944**	**21,050**	**14,557**	**19,717**	**18,230**
	MTR_AHU-3.E1 (BLDG 20)	IND-MTR	In	1,176	562	1,040	1,019	1,265	583	1,107	1,096
	FDR_AHU-3.E1 (BLDG 20)	CABLE	In	18,410	13,466	17,478	15,943	19,807	13,984	18,610	17,154
AHU-3E.2 (BLDG 20)				**17,831**	**12,565**	**16,871**	**15,442**	**18,757**	**12,862**	**17,606**	**16,244**
	MTR_AHU-3E.2 (BLDG 20)	IND-MTR	In	1,176	553	1,040	1,019	1,237	566	1,085	1,072
	FDR_AHU-3E.2 (BLDG 20)	CABLE	In	16,689	12,029	15,832	14,453	17,557	12,313	16,522	15,204
AHU-3E.3 (BLDG 20)				**12,288**	**8,075**	**11,512**	**10,642**	**12,778**	**8,205**	**11,895**	**11,066**
	MTR_AHU-3E.3 (BLDG 20)	IND-MTR	In	1,175	515	1,037	1,018	1,222	523	1,072	1,058
	FDR_AHU-3E.3 (BLDG 20)	CABLE	In	11,160	7,580	10,480	9,665	11,605	7,702	10,830	10,050
AHU-3E.4 (BLDG 20)				**12,360**	**8,127**	**11,574**	**10,704**	**12,836**	**8,255**	**11,948**	**11,116**
	MTR_AHU-3E.4 (BLDG 20)	IND-MTR	In	1,176	516	1,038	1,019	1,221	524	1,072	1,058
	FDR_AHU-3E.4 (BLDG 20)	CABLE	In	11,232	7,632	10,542	9,727	11,665	7,752	10,883	10,102
AHU-4.E2 (BLDG 20)				**17,802**	**12,333**	**16,772**	**15,417**	**19,170**	**12,792**	**17,871**	**16,601**
	MTR_AHU-4.E2 (BLDG 20)	IND-MTR	In	1,175	543	1,038	1,018	1,265	563	1,106	1,096
	FDR_AHU-4.E2 (BLDG 20)	CABLE	In	16,648	11,800	15,734	14,418	17,927	12,239	16,765	15,525

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
AHU-4.E3 (BLDG 20)			**11,265**	**7,224**	**10,547**	**9,755**	**11,599**	**7,298**	**10,804**	**10,045**
MTR_AHU-4.E3 (BLDG 20)	IND-MTR	In	1,176	503	1,039	1,019	1,211	508	1,064	1,049
FDR_AHU-4.E3 (BLDG 20)	CABLE	In	10,150	6,746	9,521	8,790	10,451	6,816	9,753	9,051
AHU-4.E4 (BLDG 20)			**11,127**	**7,060**	**10,402**	**9,636**	**11,453**	**7,131**	**10,653**	**9,918**
MTR_AHU-4.E4 (BLDG 20)	IND-MTR	In	1,176	497	1,038	1,019	1,211	502	1,063	1,048
FDR_AHU-4.E4 (BLDG 20)	CABLE	In	10,013	6,587	9,376	8,671	10,306	6,654	9,603	8,925
AHU4-E.1 (BLDG 20)			**14,312**	**9,463**	**13,398**	**12,395**	**15,048**	**9,676**	**13,982**	**13,032**
MTR_AHU4-E.1 (BLDG 20)	IND-MTR	In	1,176	518	1,038	1,019	1,237	530	1,083	1,071
FDR_AHU4-E.1 (BLDG 20)	CABLE	In	13,172	8,960	12,363	11,407	13,849	9,162	12,901	11,993
AHU-7.1 (BLDG 24)-R			**3,797**	**2,255**	**3,481**	**3,288**	**3,797**	**2,255**	**3,481**	**3,288**
MTR_AHU-7.1-RETURN	IND-MTR	In	157	62	138	136	157	62	138	136
FDR_AHU-7.1 (BLDG 24)-R	CABLE	In	3,701	2,217	3,382	3,205	3,701	2,217	3,382	3,205
AHU-7.1 (BLDG 24)-S			**4,444**	**2,599**	**4,113**	**3,849**	**4,444**	**2,599**	**4,114**	**3,849**
MTR_AHU-7.1-SUPPLY	IND-MTR	In	470	183	414	407	470	183	414	407
FDR_AHU-7.1 (BLDG 24)-S	CABLE	In	4,126	2,473	3,790	3,573	4,126	2,473	3,790	3,573
AIR-COMP-1 (BLDG 154)			**13,384**	**9,630**	**12,962**	**11,591**	**13,615**	**9,668**	**13,124**	**11,791**
MTR_AIR-COMP-1 (BLDG 154)	IND-MTR	In	784	376	699	679	798	378	708	691
FDR_AIR-COMP-1 (BLDG 154)	CABLE	In	12,656	9,280	12,276	10,961	12,875	9,317	12,429	11,150
AIR-COMP-2 (BLDG 154)			**13,826**	**10,049**	**13,419**	**11,974**	**14,090**	**10,095**	**13,604**	**12,203**
MTR_AIR-COMP-2 (BLDG 154)	IND-MTR	In	784	380	700	679	799	382	709	692
FDR_AIR-COMP-2 (BLDG 154)	CABLE	In	13,095	9,694	12,730	11,341	13,345	9,738	12,906	11,557
ATS-1-(BLDG 9)			**23,309**	**22,662**	**23,479**	**20,186**	**28,391**	**26,882**	**28,237**	**24,587**
ATS-1 (BLDG 9)		In								
FDR_DSP1-2 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
ATS-1-LOAD (BLDG 154)			**35,980**	**26,867**	**35,112**	**31,159**	**36,357**	**26,928**	**35,368**	**31,486**
ATS-1 (BLDG 154)		In								
FDR_T-7 (E-PP-1)	CABLE	In	0	0	0	0	0	0	0	0
ATS-1-SOURCE 1 (BLDG 154)			**35,980**	**26,867**	**35,112**	**31,159**	**36,357**	**26,928**	**35,368**	**31,486**
ATS-1 (BLDG 154)		In	35,980	26,867	35,112	31,159	36,357	26,928	35,368	31,486
FDR_ATS-1-SOURCE 1 (BLDG 154)	CABLE	In	35,980	26,867	35,112	31,159	36,357	26,928	35,368	31,486
ATS-1-SOURCE 1 (BLDG 9)			**23,309**	**22,662**	**23,479**	**20,186**	**28,391**	**26,882**	**28,237**	**24,587**
ATS-1 (BLDG 9)		In	23,309	22,662	23,479	20,186	28,391	26,882	28,237	24,587

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_ATS-1-S1	CABLE	In	23,309	22,662	23,479	20,186	28,391	26,882	28,237	24,587
ATS-1-SOURCE 2 (BLDG 154)				**34,949**	**26,355**	**34,214**	**30,266**	**35,373**	**26,426**	**34,502**	**30,634**
	ATS-1 (BLDG 154)		In	0	0	0	0	0	0	0	0
	FDR_ATS-1-SOURCE 2 (BLDG 154)	CABLE	In	34,949	26,355	34,214	30,266	35,373	26,426	34,502	30,634
ATS-1-SOURCE 2 (BLDG 9)				**26,802**	**24,988**	**26,435**	**23,211**	**32,575**	**29,672**	**31,806**	**28,211**
	ATS-1 (BLDG 9)		In	0	0	0	0	0	0	0	0
	FDR_ATS-1-S2	CABLE	In	26,802	24,988	26,435	23,211	32,575	29,672	31,806	28,211
ATS-2-(BLDG 9)				**23,546**	**22,800**	**23,667**	**20,391**	**28,649**	**27,027**	**28,442**	**24,811**
	ATS-2 (BLDG 9)		In								
	FDR_DSP3-2 (BLDG 9)	CABLE	In	313	202	278	271	381	240	334	330
ATS-2-LOAD (BLDG 154)				**19,490**	**12,911**	**18,373**	**16,879**	**19,506**	**12,913**	**18,383**	**16,893**
	ATS-2 (BLDG 154)		In								
	FDR_E-LP-1 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
ATS-2-SOURCE 1 (BLDG 154)				**19,490**	**12,911**	**18,373**	**16,879**	**19,506**	**12,913**	**18,383**	**16,893**
	ATS-2 (BLDG 154)		In	19,490	12,911	18,373	16,879	19,506	12,913	18,383	16,893
	FDR_ATS-2-SOURCE 1 (BLDG 154)	CABLE	In	19,490	12,911	18,373	16,879	19,506	12,913	18,383	16,893
ATS-2-SOURCE 1 (BLDG 9)				**23,546**	**22,800**	**23,667**	**20,391**	**28,649**	**27,027**	**28,442**	**24,811**
	ATS-2 (BLDG 9)		In	23,233	22,598	23,401	20,120	28,268	26,788	28,122	24,481
	FDR_ATS-2-S1	CABLE	In	23,233	22,598	23,401	20,120	28,268	26,788	28,122	24,481
ATS-2-SOURCE 2 (BLDG 154)				**23,780**	**16,368**	**22,693**	**20,594**	**23,833**	**16,373**	**22,727**	**20,640**
	ATS-2 (BLDG 154)		In	0	0	0	0	0	0	0	0
	FDR_ATS-2-SOURCE 2 (BLDG 154)	CABLE	In	23,780	16,368	22,693	20,594	23,833	16,373	22,727	20,640
ATS-2-SOURCE 2 (BLDG 9)				**25,075**	**23,023**	**24,755**	**21,716**	**30,007**	**26,712**	**29,237**	**25,987**
	ATS-2 (BLDG 9)		In	313	202	278	271	381	240	334	330
	FDR_ATS-2-S2	CABLE	In	25,075	23,023	24,755	21,716	30,007	26,712	29,237	25,987
ATS-3-LOAD (BLDG 153)				**15,487**	**13,394**	**15,928**	**13,412**	**16,080**	**13,537**	**16,330**	**13,926**
	FDR_E-LP-2 (BLDG 153)	CABLE	In	0	0	0	0	0	0	0	0
	ATS-3 (BLDG 153)		In								
ATS-3-SOURCE 1 (BLDG 153)				**15,487**	**13,394**	**15,928**	**13,413**	**16,080**	**13,537**	**16,330**	**13,926**
	ATS-3 (BLDG 153)		In	15,487	13,394	15,928	13,412	16,080	13,537	16,330	13,926
	FDR_ATS-3-SOURCE 1 (BLDG 153)	CABLE	In	15,487	13,394	15,928	13,413	16,080	13,537	16,330	13,926
ATS-3-SOURCE 2 (BLDG 153)				**7,629**	**4,989**	**7,208**	**6,607**	**7,630**	**4,989**	**7,208**	**6,608**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	ATS-3 (BLDG 153)		In	0	0	0	0	0	0	0	0
	FDR_ATS-3-SOURCE 2 (BLDG 153)	CABLE	In	7,629	4,989	7,208	6,607	7,630	4,989	7,208	6,608
ATS-4-LOAD (BLDG 153)				**14,873**	**12,547**	**15,218**	**12,881**	**15,283**	**12,627**	**15,487**	**13,236**
	ATS-4 (BLDG 153)		In								
	FDR_T-8 (E-PP-2)	CABLE	In	0	0	0	0	0	0	0	0
ATS-4-SOURCE 1 (BLDG 153)				**14,873**	**12,547**	**15,218**	**12,881**	**15,283**	**12,627**	**15,487**	**13,236**
	ATS-4 (BLDG 153)		In	14,873	12,547	15,218	12,881	15,283	12,627	15,487	13,236
	FDR_ATS-4-SOURCE 1 (BLDG 153)	CABLE	In	14,873	12,547	15,218	12,881	15,283	12,627	15,487	13,236
ATS-4-SOURCE 2 (BLDG 153)				**7,425**	**4,838**	**7,006**	**6,430**	**7,426**	**4,838**	**7,006**	**6,431**
	ATS-4 (BLDG 153)		In	0	0	0	0	0	0	0	0
	FDR_ATS-4-SOURCE 2 (BLDG 153)	CABLE	In	7,425	4,838	7,006	6,430	7,426	4,838	7,006	6,431
ATS-5-LOAD (BLDG 154)				**22,781**	**20,394**	**22,818**	**19,729**	**25,714**	**22,011**	**25,269**	**22,269**
	FDR_E-LP-11 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
	ATS-5 (BLDG 154)		In								
ATS-5-SOURCE1 (BLDG 154)				**22,781**	**20,394**	**22,818**	**19,729**	**25,714**	**22,012**	**25,269**	**22,269**
	ATS-5 (BLDG 154)		In	22,781	20,394	22,818	19,729	25,714	22,011	25,269	22,269
	FDR_ATS-5-SOURCE1 (BLDG 154)	CABLE	In	22,781	20,394	22,818	19,729	25,714	22,012	25,269	22,269
ATS-5-SOURCE2 (BLDG 154)				**23,233**	**21,047**	**23,274**	**20,120**	**26,475**	**22,967**	**26,031**	**22,928**
	ATS-5 (BLDG 154)		In	0	0	0	0	0	0	0	0
	FDR_ATS-5-SOURCE2 (BLDG 154)	CABLE	In	23,233	21,047	23,274	20,120	26,475	22,967	26,031	22,928
ATS-6-LOAD (BLDG 156)				**10,464**	**8,487**	**10,187**	**9,063**	**11,607**	**9,003**	**11,121**	**10,052**
	ATS-6 (BLDG 156)		In								
	FDR_E-LP-12 (BLDG 156)	CABLE	In	0	0	0	0	0	0	0	0
ATS-6-SOURCE 1 (BLDG 156)				**10,465**	**8,487**	**10,187**	**9,063**	**11,607**	**9,004**	**11,121**	**10,052**
	ATS-6 (BLDG 156)		In	10,464	8,487	10,187	9,063	11,607	9,003	11,121	10,052
	FDR_ATS-6-SOURCE 1 (BLDG 156)	CABLE	In	10,465	8,487	10,187	9,063	11,607	9,004	11,121	10,052
BLDG 7-MDS-A				**33,507**	**32,947**	**33,504**	**29,018**	**41,521**	**40,383**	**41,298**	**35,959**
	PI-0017	PI-EQUI	In	0	0	0	0	0	0	0	0
	FDR_HP1 (BLDG 7)	CABLE	In	685	449	606	593	849	550	746	735
	FDR_HP5 (BLDG 7)	CABLE	In	1,092	716	965	946	1,353	878	1,190	1,172
	FDR_HP3-SECT1 (BLDG 7)	CABLE	In	1,502	985	1,328	1,301	1,861	1,207	1,637	1,612
	FDR_BLDG 7-MDS-A	CABLE	In	30,234	30,801	30,830	26,184	37,466	37,753	38,002	32,446

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
BLDG 7-MDS-B			**31,944**	**31,169**	**32,064**	**27,664**	**39,234**	**37,508**	**38,997**	**33,978**
PI-0017	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_HP4 (BLDG 7)	CABLE	In	339	221	301	294	417	265	366	361
FDR_HP6 (BLDG 7)	CABLE	In	671	436	595	581	824	525	723	714
FDR_HP2 (BLDG 7)	CABLE	In	1,428	929	1,266	1,237	1,754	1,118	1,539	1,519
FDR_BLDG 7-MDS-B	CABLE	In	29,508	29,584	30,046	25,555	36,242	35,601	36,543	31,387
BOILER-DS (BLDG 9)			**9,053**	**6,302**	**8,649**	**7,840**	**9,093**	**6,308**	**8,676**	**7,875**
FDR_BOILER-DS	CABLE	In	9,053	6,302	8,649	7,840	9,093	6,308	8,676	7,875
BUS_SCHP-2 (BLDG 154)			**47,683**	**41,294**	**47,230**	**41,294**	**53,177**	**44,139**	**51,783**	**46,053**
MTR_SCHP-2 (BLDG 154)	IND-MTR	In	1,960	1,132	1,748	1,698	2,186	1,210	1,916	1,893
FDR_SCHP-2 (BLDG 154)	CABLE	In	45,738	40,171	45,497	39,610	51,008	42,939	49,883	44,174
BUS_SCHP-3 (BLDG 154)			**42,461**	**35,002**	**41,781**	**36,773**	**45,988**	**36,456**	**44,584**	**39,827**
MTR_SCHP-3 (BLDG 154)	IND-MTR	In	1,960	1,077	1,749	1,698	2,123	1,122	1,866	1,839
FDR_SCHP-3 (BLDG 154)	CABLE	In	40,531	33,941	40,036	35,101	43,898	35,350	42,721	38,016
BUS-A (DIS-SWGR-A)			**7,600**	**6,419**	**7,839**	**6,582**	**8,258**	**6,564**	**8,287**	**7,151**
1200A-BUS-TIE	CABLE	In	0	0	0	0	0	0	0	0
FDR_BUS-A-GEN-SWGR	CABLE	In	0	0	0	0	0	0	0	0
FDR_DB-SPLICE2-BLDG-153	CABLE	In	143	80	130	124	155	82	137	134
FDR_MH-A	CABLE	In	512	307	476	444	557	314	503	482
FDR_LIS-3 (BLDG 9)	CABLE	In	567	320	516	492	616	327	546	535
PI-0002	PI-EQUI	In	923	520	839	800	1,003	532	887	869
FDR_BUS-A (DIS-SWGR-A)	CABLE	In	5,495	5,213	5,881	4,759	5,971	5,330	6,217	5,171
BUS-A(GEN-SWGR-A)			**5,450**	**5,442**	**5,449**	**4,720**	**8,505**	**8,484**	**8,498**	**7,365**
FDR_BUS-A-GEN-SWGR	CABLE	In	0	0	0	0	0	0	0	0
FDR_GEN-2(DG-2)	CABLE	In	728	728	728	630	1,136	1,134	1,135	984
FDR_GEN-1(DG-1)	CABLE	In	750	750	750	649	1,170	1,168	1,169	1,013
FDR_CT-2 (TURBINE)	CABLE	In	1,769	1,764	1,769	1,532	2,761	2,750	2,758	2,391
1200A-GEN-BUS-TIE	CABLE	In	2,204	2,201	2,203	1,908	3,439	3,432	3,436	2,978
BUS-B (DIS-SWGR-B)			**7,523**	**6,343**	**7,751**	**6,515**	**8,163**	**6,483**	**8,188**	**7,070**
1200A-BUS-TIE	CABLE	In	0	0	0	0	0	0	0	0
FDR_BUS-B-GEN-SWGR	CABLE	In	0	0	0	0	0	0	0	0
FDR_DB-SPLICE1-BLDG-153	CABLE	In	130	73	118	113	141	75	125	122
FDR_LIS-2 (BLDG 9)	CABLE	In	764	429	694	661	829	439	733	718

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
PI-0003	PI-EQUI	In	874	491	794	757	949	502	839	821
FDR_MH-B	CABLE	In	1,061	760	1,001	919	1,151	777	1,058	997
FDR_BUS-B (DIS-SWGR-B)	CABLE	In	4,739	4,619	5,147	4,104	5,143	4,721	5,437	4,454
BUS-B(GEN-SWGR-B)			**5,449**	**5,439**	**5,447**	**4,719**	**8,502**	**8,477**	**8,494**	**7,363**
FDR_BUS-B-GEN-SWGR	CABLE	In	0	0	0	0	0	0	0	0
FDR_GEN-6(DG-6)	CABLE	In	728	727	728	630	1,135	1,134	1,135	983
FDR_GEN-5(DG-5)	CABLE	In	728	727	728	630	1,135	1,134	1,135	983
FDR_GEN-4(DG-4)	CABLE	In	750	749	750	649	1,170	1,168	1,169	1,013
1200A-GEN-BUS-TIE	CABLE	In	3,244	3,235	3,242	2,809	5,062	5,042	5,056	4,384
CEN-UPS-INV-INPUT (BLDG 20)			**24,458**	**19,408**	**23,686**	**21,181**	**26,079**	**20,079**	**24,989**	**22,585**
CEN-UPS-INV (BLDG 20)		In	0	0	0	0	0	0	0	0
FDR_CEN-UPS-INV (BLDG 20)	CABLE	In	24,458	19,408	23,686	21,181	26,079	20,079	24,989	22,585
CEN-UPS-INV-OUTPUT (BLDG 20)			**23,439**	**18,610**	**22,693**	**20,299**	**25,043**	**19,281**	**23,985**	**21,687**
FDR_UPS-OUTPUT-ISO	CABLE	In	0	0	0	0	0	0	0	0
CEN-UPS-INV (BLDG 20)		In	361	325	346	312	553	498	530	530
FDR_BYPASS-INPUT-ISO	CABLE	In	23,089	18,311	22,370	19,998	24,668	18,972	23,644	21,366
CEN-UPS-MBP-BUS-1 (BLDG 20)			**24,650**	**19,832**	**23,933**	**21,348**	**26,502**	**20,638**	**25,433**	**22,952**
PI-0026	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_BYPASS-INPUT-ISO	CABLE	In	361	319	346	312	388	332	367	336
FDR_CEN-UPS-MBP (BLDG 20)	CABLE	In	24,301	19,531	23,608	21,046	26,127	20,325	25,088	22,627
CEN-UPS-MBP-BUS-2 (BLDG 20)			**22,040**	**17,235**	**21,273**	**19,087**	**23,386**	**17,773**	**22,351**	**20,253**
PI-0026	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_U4LB (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_UPS-OUTPUT-ISO	CABLE	In	22,040	17,235	21,273	19,087	23,386	17,773	22,351	20,253
CHILLER-4 (BLDG 154)			**13,344**	**14,753**	**14,591**	**11,556**	**15,841**	**18,005**	**17,630**	**13,718**
MTR_CH-4 (BLDG 154)	IND-MTR	In	1,100	811	992	953	1,306	990	1,199	1,131
FDR_CHILLER-4 (BLDG 154)	CABLE	In	12,245	13,944	13,689	10,605	14,536	17,017	16,540	12,589
CHILLER-5 (BLDG 154)			**13,292**	**14,649**	**14,459**	**11,512**	**15,696**	**17,721**	**17,337**	**13,593**
MTR_CH-5 (BLDG 154)	IND-MTR	In	1,100	808	991	953	1,299	978	1,188	1,125
FDR_CHILLER-5 (BLDG 154)	CABLE	In	12,194	13,842	13,561	10,560	14,399	16,745	16,260	12,470
CHILLER-8 (BLDG 154)			**12,860**	**13,881**	**13,562**	**11,137**	**14,662**	**15,934**	**15,525**	**12,698**
MTR_CH-8 (BLDG 154)	IND-MTR	In	1,099	791	980	952	1,253	908	1,122	1,085
FDR_CHILLER-8 (BLDG 154)	CABLE	In	11,766	13,094	12,691	10,190	13,415	15,030	14,529	11,618

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
CT-1-MCC (BLDG 154)				**22,296**	**19,913**	**22,215**	**19,309**	**25,347**	**21,685**	**24,804**	**21,951**
	FDR_CT-1-MCC (BLDG 154)	CABLE	In	22,296	19,913	22,215	19,309	25,347	21,685	24,804	21,951
CT-2 (TURBINE GEN)				**5,415**	**5,391**	**5,412**	**4,690**	**8,331**	**8,265**	**8,311**	**7,215**
	CT-2 (GEN)	GEN	In	1,780	1,780	1,780	1,541	2,738	2,729	2,733	2,371
	FDR_CT-2 (TURBINE)	CABLE	In	3,636	3,611	3,632	3,149	5,593	5,537	5,578	4,844
CT-2-MCC (BLDG 154)				**22,345**	**19,731**	**22,214**	**19,351**	**25,472**	**21,484**	**24,849**	**22,059**
	FDR_TURBINE	CABLE	In	963	567	858	834	1,097	617	960	950
	FDR_CT-2-MCC (BLDG 154)	CABLE	In	21,385	19,166	21,371	18,520	24,377	20,868	23,906	21,111
D2A1B1 (BLDG 20)				**6,507**	**7,256**	**6,984**	**5,636**	**7,105**	**7,932**	**7,632**	**6,153**
	FDR_R2A1B3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A1B5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A1B2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A1B4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A1B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D2A1B1 (BLDG 20)	CABLE	In	6,507	7,256	6,984	5,636	7,105	7,932	7,632	6,153
D2A2A1 (BLDG 20)				**8,031**	**8,282**	**8,329**	**6,955**	**8,907**	**9,058**	**9,167**	**7,714**
	FDR_R2A2A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A2A3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A2A4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A2A2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D2A2A1 (BLDG 20)	CABLE	In	8,031	8,282	8,329	6,955	8,907	9,058	9,167	7,714
D2A2B1 (BLDG 20)				**6,968**	**7,732**	**7,473**	**6,034**	**7,668**	**8,535**	**8,241**	**6,641**
	FDR_R2A2B2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A2B3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D2A2B1 (BLDG 20)	CABLE	In	6,968	7,732	7,473	6,034	7,668	8,535	8,241	6,641
D2A3A1 (BLDG 20)				**5,573**	**5,488**	**5,694**	**4,826**	**6,003**	**5,815**	**6,082**	**5,198**
	FDR_R2A3A3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A3A2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A3A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D2A3A1 (BLDG 20)	CABLE	In	5,573	5,488	5,694	4,826	6,003	5,815	6,082	5,198
D2A3B1 (BLDG 20)				**4,085**	**4,223**	**4,168**	**3,537**	**4,487**	**4,631**	**4,574**	**3,885**
	FDR_R2A3B2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_R2A3B3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2A3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2A3B1 (BLDG 20)	CABLE	In	4,085	4,223	4,168	3,537	4,487	4,631	4,574	3,885
D2L1A1 (BLDG 20)-SEC1			**10,515**	**11,216**	**10,912**	**9,107**	**11,974**	**12,774**	**12,427**	**10,370**
FDR_RM 1219-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_RM 1329-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1A5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1A7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_RM 1203-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L1A1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1A10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1A9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1A8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L1A1 (BLDG 20)	CABLE	In	10,515	11,216	10,912	9,107	11,974	12,774	12,427	10,370
D2L1A1 (BLDG 20)-SEC2			**10,371**	**10,966**	**10,739**	**8,981**	**11,775**	**12,416**	**12,173**	**10,197**
FDR_X2L1A4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1A3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1A2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1A6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L1A1 (BLDG 20)-SEC2	CABLE	In	10,371	10,966	10,739	8,981	11,775	12,416	12,173	10,197
D2L1B1 (BLDG 20)-SEC1			**9,384**	**10,352**	**10,084**	**8,127**	**10,393**	**11,552**	**11,223**	**9,001**
FDR_X2L1B10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1B2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1B4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1B5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1B3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L1B1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L1B1 (BLDG 20)-SEC1	CABLE	In	9,384	10,352	10,084	8,127	10,393	11,552	11,223	9,001
D2L1B1 (BLDG 20)-SEC2			**9,287**	**10,173**	**9,896**	**8,043**	**10,269**	**11,310**	**10,980**	**8,894**
FDR_X2L1B9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1B8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1B6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_X2L1B7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L1B1 (BLDG 20)-SEC2	CABLE	In	9,287	10,173	9,896	8,043	10,269	11,310	10,980	8,894
D2L1C1 (BLDG 20)-SEC1			**9,575**	**10,505**	**10,164**	**8,292**	**10,832**	**11,913**	**11,516**	**9,380**
FDR_RM 1605A-LAB EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C12 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L1C1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C11 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L1C1 (BLDG 20)	CABLE	In	9,575	10,505	10,164	8,292	10,832	11,913	11,516	9,380
D2L1C1 (BLDG 20)-SEC2			**9,395**	**10,179**	**9,874**	**8,137**	**10,589**	**11,453**	**11,116**	**9,170**
FDR_RM 1708A-LAB EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1C6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L1C1 (BLDG 20)-SEC2	CABLE	In	9,395	10,179	9,874	8,137	10,589	11,453	11,116	9,170
D2L1D1 (BLDG 20)			**8,566**	**9,672**	**9,349**	**7,419**	**9,550**	**10,844**	**10,463**	**8,271**
FDR_X2L1D7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1D9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1D4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1D6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1D5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1D10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1D8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1D2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1D3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L1D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_D2L1D1 (BLDG 20)	CABLE	In	8,566	9,672	9,349	7,419	9,550	10,844	10,463	8,271
D2L2A1 (BLDG 20)-SEC1			**10,508**	**11,234**	**10,924**	**9,100**	**11,985**	**12,818**	**12,462**	**10,379**
FDR_X2L2A7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_RM 2211A-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2A9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L2A1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_RM 2217L-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2A5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2A10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2A8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L2A1 (BLDG 20)-SEC1	CABLE	In	10,508	11,234	10,924	9,100	11,985	12,818	12,462	10,379
D2L2A1 (BLDG 20)-SEC2			**10,223**	**10,745**	**10,581**	**8,853**	**11,592**	**12,118**	**11,961**	**10,039**
FDR_X2L2A4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2A6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2A3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2A2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L2A1 (BLDG 20)-SEC2	CABLE	In	10,223	10,745	10,581	8,853	11,592	12,118	11,961	10,039
D2L2B1 (BLDG 20)			**9,344**	**10,279**	**10,002**	**8,092**	**10,354**	**11,463**	**11,129**	**8,967**
FDR_RM 2227A-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_RM 2227B-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2B6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L2B1 (BLDG 20)	CABLE	In	9,344	10,279	10,002	8,092	10,354	11,463	11,129	8,967
D2L2C1 (BLDG 20)-SEC1			**9,549**	**10,401**	**10,057**	**8,270**	**10,785**	**11,753**	**11,362**	**9,340**

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_RM 2609-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2C2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2C10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2C5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2C4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2C3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L2C1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L2C1 (BLDG 20)-SEC1	CABLE	In	9,549	10,401	10,057	8,270	10,785	11,753	11,362	9,340
D2L2C1 (BLDG 20)-SEC2			**9,236**	**9,845**	**9,659**	**7,998**	**10,365**	**10,983**	**10,802**	**8,977**
FDR_X2L2C8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2C9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2C7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2C6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L2C1 (BLDG 20)-SEC2	CABLE	In	9,236	9,845	9,659	7,998	10,365	10,983	10,802	8,977
D2L2D1 (BLDG 20)			**8,568**	**9,621**	**9,289**	**7,420**	**9,546**	**10,765**	**10,379**	**8,267**
FDR_X2L2D7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2D4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2D9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2D6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2D10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2D5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2D3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2D8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2D2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L2D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L2D1 (BLDG 20)	CABLE	In	8,568	9,621	9,289	7,420	9,546	10,765	10,379	8,267
D2L3A1 (BLDG 20)-SEC1			**10,197**	**10,995**	**10,697**	**8,831**	**11,525**	**12,463**	**12,111**	**9,981**
FDR_X2L3A7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3A9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3A4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3A6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3A5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_X2L3A10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3A3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3A8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3A2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L3A1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L3A1 (BLDG 20)-SEC1	CABLE	In	10,197	10,995	10,697	8,831	11,525	12,463	12,111	9,981
D2L3A1 (BLDG 20)-SEC2			**9,971**	**10,600**	**10,350**	**8,635**	**11,222**	**11,907**	**11,635**	**9,718**
FDR_E42-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L3A1 (BLDG 20)-SEC2	CABLE	In	9,971	10,600	10,350	8,635	11,222	11,907	11,635	9,718
D2L3B1 (BLDG 20)			**9,354**	**10,328**	**10,058**	**8,101**	**10,361**	**11,525**	**11,195**	**8,973**
FDR_RM 3222A-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3B6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2L3B1 (BLDG 20)	CABLE	In	9,354	10,328	10,058	8,101	10,361	11,525	11,195	8,973
D2L3C1 (BLDG 20)			**9,626**	**10,545**	**10,203**	**8,336**	**10,899**	**11,967**	**11,570**	**9,439**
FDR_E31-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3C4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3C7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3C10 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_RM 3611A-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3C6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3C3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2L3C5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_X2L3C8 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L3C2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L3C9 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D2L3C1 (BLDG 20)	CABLE	In	9,626	10,545	10,203	8,336	10,899	11,967	11,570	9,439
D2L3D1 (BLDG 20)				**8,535**	**9,646**	**9,324**	**7,391**	**9,508**	**10,808**	**10,428**	**8,234**
	FDR_RM 3723-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L3D4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L3D7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L3D2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_RM 3725-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L3D5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L3D3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L3D6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L3D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D2L3D1 (BLDG 20)	CABLE	In	8,535	9,646	9,324	7,391	9,508	10,808	10,428	8,234
D2LBA1 (BLDG 20)				**11,066**	**11,577**	**11,437**	**9,583**	**12,853**	**13,345**	**13,227**	**11,131**
	FDR_X2LBA3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2LBA2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2LBA5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2LBA1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2LBA6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2LBA7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2LBA4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D2LBA1 (BLDG 20)	CABLE	In	11,066	11,577	11,437	9,583	12,853	13,345	13,227	11,131
D2LBA2 (BLDG 20)				**8,707**	**9,036**	**8,935**	**7,541**	**9,887**	**10,211**	**10,119**	**8,563**
	FDR_R2LBA1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2LBA2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2LBA3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D2LBA2 (BLDG 20)	CABLE	In	8,707	9,036	8,935	7,541	9,887	10,211	10,119	8,563
D2LBA3 (BLDG 20)				**11,403**	**11,953**	**11,750**	**9,875**	**13,247**	**13,835**	**13,622**	**11,472**
	FDR_D2LBA3 (BLDG 20)	CABLE	In	11,403	11,953	11,750	9,875	13,247	13,835	13,622	11,472
D2LBB1 (BLDG 20)				**11,025**	**11,674**	**11,411**	**9,548**	**12,740**	**13,463**	**13,171**	**11,033**
	FDR_RM-0707D-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_X2LBB2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBB3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBB5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBB6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_RM-0707C-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_RM-0226-LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBB4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBB7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBB1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2LBB1 (BLDG 20)	CABLE	In	11,025	11,674	11,411	9,548	12,740	13,463	13,171	11,033
D2LBC1 (BLDG 20)			**10,443**	**11,185**	**10,886**	**9,044**	**11,996**	**12,826**	**12,492**	**10,389**
FDR_X2LBC1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBC2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBC3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBC4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBC5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBC6 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBC7 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2LBC1 (BLDG 20)	CABLE	In	10,443	11,185	10,886	9,044	11,996	12,826	12,492	10,389
D2LBC2 (BLDG 20)			**6,050**	**5,373**	**6,128**	**5,239**	**6,307**	**5,477**	**6,324**	**5,462**
FDR_R2LBC1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2LBC2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2LBC3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2LBC2 (BLDG 20)	CABLE	In	6,050	5,373	6,128	5,239	6,307	5,477	6,324	5,462
D2LBD1 (BLDG 20)			**10,418**	**11,213**	**10,881**	**9,022**	**11,982**	**12,888**	**12,510**	**10,377**
FDR_E4-1 (LAB EQUIPMENT)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBD3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBD1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_X2LBD2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_E4-2 (LAB EQUIPMENT)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D2LBD1 (BLDG 20)	CABLE	In	10,418	11,213	10,881	9,022	11,982	12,888	12,510	10,377
D2S11 (BLDG 24)			**10,398**	**11,416**	**11,017**	**9,005**	**11,528**	**12,649**	**12,210**	**9,984**
FDR_R2S15 (BLDG 24)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_R2S11 (BLDG 24)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2S12 (BLDG 24)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2S13 (BLDG 24)	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2S14 (BLDG 24)	CABLE	In	0	0	0	0	0	0	0	0
FDR_BAILER (BLDG 20)	CABLE	In	172	126	153	149	191	140	170	165
FDR_D2S11 (BLDG 24)	CABLE	In	10,226	11,290	10,875	8,856	11,338	12,509	12,052	9,819
D4A1B1 (BLDG 20)			**8,227**	**5,861**	**7,729**	**7,125**	**8,665**	**6,033**	**8,087**	**7,504**
FDR_L4A1B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T6K (D2A1B1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A1B1 (BLDG 20)	CABLE	In	8,227	5,861	7,729	7,125	8,665	6,033	8,087	7,504
D4A2A1 (BLDG 20)			**20,489**	**17,022**	**19,975**	**17,744**	**22,746**	**18,163**	**21,854**	**19,698**
FDR_L4A2A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T6K (D2A2A1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A2A1 (BLDG 20)	CABLE	In	20,489	17,022	19,975	17,744	22,746	18,163	21,854	19,698
D4A2B1 (BLDG 20)			**9,755**	**7,083**	**9,206**	**8,448**	**10,329**	**7,313**	**9,675**	**8,946**
FDR_XFMR-T6K (D2A2B1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_L4A2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A2B1 (BLDG 20)	CABLE	In	9,755	7,083	9,206	8,448	10,329	7,313	9,675	8,946
D4A3A1 (BLDG 20)			**22,294**	**18,824**	**22,068**	**19,307**	**24,205**	**19,660**	**23,596**	**20,962**
FDR_L4A3A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5G (D2A3A1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A3A1 (BLDG 20)	CABLE	In	22,294	18,824	22,068	19,307	24,205	19,660	23,596	20,962
D4A3B1 (BLDG 20)			**13,555**	**10,169**	**13,022**	**11,739**	**14,076**	**10,337**	**13,426**	**12,190**
FDR_L4A3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5G (D2A3B1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A3B1 (BLDG 20)	CABLE	In	13,555	10,169	13,022	11,739	14,076	10,337	13,426	12,190
D4L1A1 (BLDG 20)			**21,773**	**18,240**	**21,512**	**18,856**	**23,552**	**18,999**	**22,929**	**20,397**
FDR_L4L1A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5K (R2L1A1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2L1A1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L1A1 (BLDG 20)	CABLE	In	21,773	18,240	21,512	18,856	23,552	18,999	22,929	20,397
D4L1B1 (BLDG 20)			**13,555**	**10,169**	**13,022**	**11,739**	**14,076**	**10,337**	**13,426**	**12,190**
FDR_L4L1B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_XFMR-T5K (R2L1B1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2L1B1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L1B1 (BLDG 20)	CABLE	In	13,555	10,169	13,022	11,739	14,076	10,337	13,426	12,190
D4L1C1 (BLDG 20)			**14,772**	**11,367**	**14,134**	**12,793**	**15,930**	**11,870**	**15,083**	**13,796**
FDR_XFMR-T5K (R2L1C1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_L4L1C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2L1C1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L1C1 (BLDG 20)	CABLE	In	14,772	11,367	14,134	12,793	15,930	11,870	15,083	13,796
D4L1D1 (BLDG 20)			**10,330**	**7,555**	**9,765**	**8,946**	**10,962**	**7,811**	**10,281**	**9,493**
FDR_XFMR-T5K (R2L1D1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_L4L1D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2L1D1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L1D1 (BLDG 20)	CABLE	In	10,330	7,555	9,765	8,946	10,962	7,811	10,281	9,493
D4L2A1 (BLDG 20)			**24,319**	**21,183**	**24,250**	**21,061**	**26,828**	**22,405**	**26,292**	**23,234**
FDR_L4L2A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2L2A1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5K (R2L2A1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L2A1 (BLDG 20)	CABLE	In	24,319	21,183	24,250	21,061	26,828	22,405	26,292	23,234
D4L2B1 (BLDG 20)			**14,414**	**10,945**	**13,891**	**12,483**	**15,020**	**11,144**	**14,361**	**13,007**
FDR_L4L2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5K (R2L2B1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2L2B1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L2B1 (BLDG 20)	CABLE	In	14,414	10,945	13,891	12,483	15,020	11,144	14,361	13,007
D4L2C1 (BLDG 20)			**16,125**	**12,629**	**15,494**	**13,964**	**17,497**	**13,243**	**16,622**	**15,153**
FDR_XFMR-T8 (D2L2C1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_L4L2C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5K (R2L2C1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L2C1 (BLDG 20)	CABLE	In	16,125	12,629	15,494	13,964	17,497	13,243	16,622	15,153
D4L2D1 (BLDG 20)			**10,864**	**8,000**	**10,286**	**9,408**	**11,552**	**8,280**	**10,848**	**10,004**
FDR_XFMR-T5K (R2L2D1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_L4L2D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2L2D1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L2D1 (BLDG 20)	CABLE	In	10,864	8,000	10,286	9,408	11,552	8,280	10,848	10,004

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
D4L3A1 (BLDG 20)				**20,343**	**16,681**	**19,992**	**17,618**	**21,797**	**17,262**	**21,141**	**18,876**
	FDR_L4LPA1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_L4L3A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L3A1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L3A1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D4L3A1 (BLDG 20)	CABLE	In	20,343	16,681	19,992	17,618	21,797	17,262	21,141	18,876
D4L3B1 (BLDG 20)				**13,972**	**10,543**	**13,443**	**12,100**	**14,533**	**10,725**	**13,878**	**12,586**
	FDR_L4L3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_L4LPB1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L3B1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L3B1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D4L3B1 (BLDG 20)	CABLE	In	13,972	10,543	13,443	12,100	14,533	10,725	13,878	12,586
D4L3C1 (BLDG 20)				**15,560**	**11,905**	**14,891**	**13,476**	**16,863**	**12,455**	**15,955**	**14,604**
	FDR_L4LPC1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L3C1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_L4L3C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L3C1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_ELEV-1	CABLE	In	232	118	206	201	252	124	220	218
	FDR_ELEV-2	CABLE	In	232	119	206	201	252	124	221	218
	FDR_D4L3C1 (BLDG 20)	CABLE	In	15,101	11,670	14,480	13,078	16,366	12,210	15,515	14,173
D4L3D1 (BLDG 20)				**10,433**	**7,640**	**9,865**	**9,035**	**11,075**	**7,900**	**10,390**	**9,591**
	FDR_L4LPD1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L3D1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_L4L3D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L3D1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D4L3D1 (BLDG 20)	CABLE	In	10,433	7,640	9,865	9,035	11,075	7,900	10,390	9,591
D4LBA1 (BLDG 20)				**27,995**	**25,947**	**28,030**	**24,245**	**32,715**	**29,164**	**32,196**	**28,332**
	FDR_XFMR-T6K (D2LBA2)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_RP1-JB	CABLE	In	0	0	0	0	0	0	0	0
	FDR_L4LBA1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2LBA1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_D4LBA1 (BLDG 20)	CABLE	In	27,995	25,947	28,030	24,245	32,715	29,164	32,196	28,332
D4LBA2 (BLDG 20)				**30,254**	**25,823**	**29,386**	**26,201**	**34,483**	**28,429**	**33,063**	**29,863**

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_DESS-DEHUMID	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2LBA3)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4LBA2 (BLDG 20)	CABLE	In	30,254	25,823	29,386	26,201	34,483	28,429	33,063	29,863
D4LBB1 (BLDG 20)			**24,396**	**21,483**	**24,401**	**21,127**	**27,125**	**22,856**	**26,635**	**23,491**
FDR_L4LBB1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2LBB1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_ELEV-4 (BLDG 20)	CABLE	In	307	180	275	266	342	192	300	296
FDR_D4LBB1 (BLDG 20)	CABLE	In	24,090	21,303	24,130	20,862	26,785	22,665	26,339	23,196
D4LBC1 (BLDG 20)			**20,101**	**16,611**	**19,571**	**17,408**	**22,266**	**17,692**	**21,370**	**19,283**
FDR_CAPPED1	CABLE	In	0	0	0	0	0	0	0	0
FDR_CAPPED2	CABLE	In	0	0	0	0	0	0	0	0
FDR_RP2-JB	CABLE	In	0	0	0	0	0	0	0	0
FDR_L4LBC1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T6K (D2LBC2)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2LBC1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4LBC1 (BLDG 20)	CABLE	In	20,101	16,611	19,571	17,408	22,266	17,692	21,370	19,283
D4LBD1 (BLDG 20)			**19,135**	**15,759**	**18,613**	**16,571**	**21,170**	**16,769**	**20,303**	**18,333**
FDR_L4LBD1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T4K (R2LBD2)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T8 (D2LBD1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4LBD1 (BLDG 20)	CABLE	In	19,135	15,759	18,613	16,571	21,170	16,769	20,303	18,333
D4S11 (BLDG 24)			**15,131**	**10,784**	**14,220**	**13,104**	**16,158**	**11,196**	**15,065**	**13,994**
FDR_L4S11 (BLDG 24)	CABLE	In	0	0	0	0	0	0	0	0
FDR_M4S12 (BLDG 24)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T7 (D2S11)	CABLE	In	74	35	65	64	79	36	69	68
FDR_M4S11 (BLDG 24)	CABLE	In	154	73	136	134	165	76	144	143
FDR_AHU-7.1 (BLDG 24)-S	CABLE	In	450	214	397	390	481	222	420	416
FDR_D4S11 (BLDG 24)	CABLE	In	14,459	10,465	13,624	12,522	15,441	10,864	14,433	13,372
DB (BLDG 125)			**3,307**	**2,223**	**3,125**	**2,864**	**3,310**	**2,223**	**3,127**	**2,866**
FDR_PANEL B (BLDG 125)	CABLE	In	0	0	0	0	0	0	0	0
FDR_DB (BLDG 125)	CABLE	In	3,307	2,223	3,125	2,864	3,310	2,223	3,127	2,866
DC2-1-1 (BLDG 9)			**10,460**	**10,589**	**10,859**	**9,058**	**11,905**	**11,738**	**12,185**	**10,310**
FDR_DC2-1-1 (BLDG 9)	CABLE	In	10,460	10,589	10,859	9,058	11,905	11,738	12,185	10,310

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
DC2-1-2 (BLDG 9)				**10,460**	**10,589**	**10,859**	**9,058**	**11,905**	**11,738**	**12,185**	**10,310**
	FDR_DC2-1-2 (BLDG 9)	CABLE	In	10,460	10,589	10,859	9,058	11,905	11,738	12,185	10,310
DC4-1-1 (BLDG 9)				**10,318**	**10,446**	**10,759**	**8,936**	**11,736**	**11,533**	**12,042**	**10,164**
	FDR_DC4-1-1 (BLDG 9)	CABLE	In	10,318	10,446	10,759	8,936	11,736	11,533	12,042	10,164
DC4-1-2 (BLDG 9)				**10,318**	**10,446**	**10,759**	**8,936**	**11,736**	**11,533**	**12,042**	**10,164**
	FDR_DC4-1-2 (BLDG 9)	CABLE	In	10,318	10,446	10,759	8,936	11,736	11,533	12,042	10,164
DC4-1-3 (BLDG 9)				**10,318**	**10,446**	**10,759**	**8,936**	**11,736**	**11,533**	**12,042**	**10,164**
	FDR_DC4-1-3 (BLDG 9)	CABLE	In	10,318	10,446	10,759	8,936	11,736	11,533	12,042	10,164
DISCONNECT-T6K				**8,281**	**8,742**	**8,580**	**7,172**	**9,311**	**9,791**	**9,625**	**8,063**
	FDR_D2LBC2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DISCONNECT-T6K	CABLE	In	8,281	8,742	8,580	7,172	9,311	9,791	9,625	8,063
DP-125				**10,184**	**9,889**	**10,302**	**8,820**	**11,294**	**10,755**	**11,317**	**9,781**
	FDR_DS-1 (BLDG 125)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-125	CABLE	In	10,184	9,889	10,302	8,820	11,294	10,755	11,317	9,781
DP-3D1				**10,704**	**9,221**	**10,737**	**9,270**	**12,033**	**9,790**	**11,789**	**10,420**
	FDR_XFMR-DP-3D4	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-3D1	CABLE	In	10,704	9,221	10,737	9,270	12,033	9,790	11,789	10,420
DP-3D4				**5,964**	**6,481**	**6,287**	**5,165**	**6,665**	**7,259**	**7,035**	**5,772**
	FDR_IRRADIATOR	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LA (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LF (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LC (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_IRRADIATOR-CHILLER	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LB (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LD (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-3D4	CABLE	In	5,964	6,481	6,287	5,165	6,665	7,259	7,035	5,772
DP-3D6				**5,996**	**6,525**	**6,328**	**5,193**	**6,731**	**7,343**	**7,115**	**5,829**
	FDR_LH (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LK (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LG (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LL (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LP (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LM (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
	FDR_DP-3D6	CABLE	In	5,996	6,525	6,328	5,193	6,731	7,343	7,115	5,829
DP-3M3				**10,638**	**9,275**	**10,665**	**9,213**	**11,999**	**9,909**	**11,761**	**10,391**
	FDR_XFMR-DP-3D6	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-3M3	CABLE	In	10,638	9,275	10,665	9,213	11,999	9,909	11,761	10,391
DP-4D1				**10,999**	**9,430**	**11,034**	**9,526**	**12,378**	**10,003**	**12,119**	**10,719**
	FDR_XFMR-DP-4D4	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-4D1	CABLE	In	10,999	9,430	11,034	9,526	12,378	10,003	12,119	10,719
DP-4D4				**6,076**	**6,572**	**6,369**	**5,262**	**6,852**	**7,416**	**7,185**	**5,934**
	FDR_LB (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LD (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LA (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LC (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LF (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-4D4	CABLE	In	6,076	6,572	6,369	5,262	6,852	7,416	7,185	5,934
DP-4D6				**6,042**	**6,561**	**6,371**	**5,233**	**6,772**	**7,375**	**7,153**	**5,864**
	FDR_LH (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LM (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LK (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LJ (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LG (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LL (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-4D6	CABLE	In	6,042	6,561	6,371	5,233	6,772	7,375	7,153	5,864
DP-4M3				**11,160**	**9,763**	**11,216**	**9,665**	**12,654**	**10,454**	**12,416**	**10,959**
	FDR_EX-WEATHERHEAD	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-DP-4D6	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-4M3	CABLE	In	11,160	9,763	11,216	9,665	12,654	10,454	12,416	10,959
DP-B1				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-B1	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 230)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 231)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 232)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 233)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 234)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
DP-B2				**18,665**	**18,118**	**18,584**	**16,164**	**21,357**	**20,537**	**21,171**	**18,496**
	FDR_CAPPED (BLDG 198)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 199)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 197)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 196)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 200)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-B2	CABLE	In	18,665	18,118	18,584	16,164	21,357	20,537	21,171	18,496
DP-B3				**18,679**	**18,127**	**18,601**	**16,176**	**21,390**	**20,556**	**21,203**	**18,524**
	FDR_P-1 (BLDG 191)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 195)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 192)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 194)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 193)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-B3	CABLE	In	18,679	18,127	18,601	16,176	21,390	20,556	21,203	18,524
DP-B4				**19,374**	**16,641**	**18,906**	**16,779**	**21,579**	**17,954**	**20,803**	**18,688**
	FDR_P-1 (BLDG 17)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LA (BLDG 11)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_MDP (BLDG 10)	CABLE	In	171	98	152	148	191	106	167	165
	FDR_DP-B4	CABLE	In	19,203	16,543	18,758	16,631	21,389	17,849	20,639	18,523
DP-B5				**9,770**	**9,338**	**9,705**	**8,461**	**11,024**	**10,403**	**10,886**	**9,547**
	FDR_LA-1 (BLDG 14)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LA-2 (BLDG 16)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LA (BLDG 13)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-B5	CABLE	In	9,770	9,338	9,705	8,461	11,024	10,403	10,886	9,547
DP-C1				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C1	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 221)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 222)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 223)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 224)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 225)	CABLE	In	0	0	0	0	0	0	0	0
DP-C2				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C2	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
	FDR_P-1 (BLDG 217)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 218)	CABLE	In	0	0	0	0	0	0	0	0
DP-C3				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C3	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 209)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 210)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 211)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 212)	CABLE	In	0	0	0	0	0	0	0	0
DP-C4				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C4	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 201)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 202)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 203)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 204)	CABLE	In	0	0	0	0	0	0	0	0
DP-C5				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C5	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 205)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 206)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 207)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 208)	CABLE	In	0	0	0	0	0	0	0	0
DP-C6				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C6	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 213)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 214)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 215)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 216)	CABLE	In	0	0	0	0	0	0	0	0
DP-C7				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C7	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 219)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 220)	CABLE	In	0	0	0	0	0	0	0	0
DS-1 (BLDG 125)				**5,413**	**3,947**	**5,262**	**4,688**	**5,426**	**3,948**	**5,270**	**4,699**
	FDR_DB (BLDG 125)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LA (BLDG 125)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_DS-1 (BLDG 125)	CABLE	In	5,413	3,947	5,262	4,688	5,426	3,948	5,270	4,699
DSP1-1 (BLDG 9)				**10,707**	**11,311**	**11,139**	**9,272**	**12,649**	**13,248**	**13,094**	**10,954**
	FDR_PP1-1-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP1-1-3 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP1-1-4 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP1-1-5 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP1-1-2 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DSP1-1 (BLDG 9)	CABLE	In	10,707	11,311	11,139	9,272	12,649	13,248	13,094	10,954
DSP-1-2 (BLDG 9)				**22,811**	**21,946**	**22,949**	**19,754**	**27,561**	**25,726**	**27,336**	**23,868**
	FDR_T1-2 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LP1-2-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LP1-2-2 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DSP1-2 (BLDG 9)	CABLE	In	22,811	21,946	22,949	19,754	27,561	25,726	27,336	23,868
DSP1-3 (BLDG 9)				**23,348**	**22,659**	**23,777**	**20,220**	**27,748**	**25,949**	**27,753**	**24,030**
	FDR_DSP1-3 (BLDG 9)	CABLE	In	23,348	22,659	23,777	20,220	27,748	25,949	27,753	24,030
DSP1-4 (BLDG 9)				**23,654**	**23,115**	**23,804**	**20,485**	**29,057**	**27,755**	**28,920**	**25,164**
	MTR_DSP1-4(LUMPED)	IND-MTR	In	782	509	694	677	961	612	843	832
	FDR_DSP1-4 (BLDG 9)	CABLE	In	22,872	22,606	23,142	19,808	28,097	27,143	28,117	24,332
DSP2-1 (BLDG 9)				**11,089**	**11,642**	**11,419**	**9,604**	**13,102**	**13,722**	**13,473**	**11,346**
	FDR_UPS-1-MBP-INPUT	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DC2-1-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DC2-1-2 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP2-1-3 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP2-1-4 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DSP2-1 (BLDG 9)	CABLE	In	11,089	11,642	11,419	9,604	13,102	13,722	13,473	11,346
DSP2-3 (BLDG 9)				**27,649**	**26,008**	**27,271**	**23,944**	**34,016**	**31,390**	**33,270**	**29,459**
	FDR_EAU-C-1	CABLE	In	196	123	173	170	241	148	211	209
	FDR_EAU-A-3	CABLE	In	196	123	173	170	241	148	211	209
	FDR_EAU-E-3	CABLE	In	196	123	173	170	241	148	211	209
	FDR_AHU-C-1	CABLE	In	235	147	208	203	289	178	253	250
	FDR_AHU-C-2	CABLE	In	235	147	208	203	289	178	253	250
	FDR_EAU-C-3	CABLE	In	235	147	208	203	289	178	253	250
	FDR_AHU-E-1	CABLE	In	391	246	346	339	482	296	422	417

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_AHU-A-1	CABLE	In	470	295	415	407	578	356	506	501
	FDR_AHU-A-2	CABLE	In	470	295	415	407	578	356	506	501
	FDR_EAU-A-5	CABLE	In	470	295	415	407	578	356	506	501
	FDR_DSP2-3 (BLDG 9)	CABLE	In	24,556	24,068	24,664	21,266	30,211	29,049	30,089	26,164
DSP2-4 (BLDG 9)				**26,560**	**24,563**	**26,456**	**23,001**	**31,316**	**27,939**	**30,709**	**27,120**
	FDR_EAU-A-1	CABLE	In	196	121	174	170	231	137	202	200
	FDR_EAU-E-1	CABLE	In	196	121	174	170	231	137	202	200
	FDR_DSP2-4 (BLDG 9)	CABLE	In	26,169	24,322	26,118	22,663	30,855	27,665	30,316	26,721
DSP2-5 (BLDG 9)				**27,412**	**25,726**	**27,206**	**23,739**	**33,126**	**30,253**	**32,482**	**28,688**
	FDR_AC-1A	CABLE	In	115	72	102	100	139	85	122	121
	FDR_CHWP-1	CABLE	In	155	97	137	134	188	114	164	162
	FDR_LWTP-1	CABLE	In	194	121	172	168	235	143	205	203
	FDR_LWTP-3	CABLE	In	194	121	172	168	235	143	205	203
	FDR_HWP-3	CABLE	In	194	122	172	168	235	143	206	203
	FDR_HWP-1	CABLE	In	195	122	172	169	235	143	206	204
	FDR_DSP2-5 (BLDG 9)	CABLE	In	26,364	25,071	26,319	22,832	31,860	29,482	31,424	27,592
DSP3-1 (BLDG 9)				**10,631**	**11,254**	**11,065**	**9,207**	**12,523**	**13,156**	**12,976**	**10,845**
	FDR_PP3-1-3 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP3-1-4 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP3-1-5 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP3-1-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PP3-1-2 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DSP3-1 (BLDG 9)	CABLE	In	10,631	11,254	11,065	9,207	12,523	13,156	12,976	10,845
DSP3-2 (BLDG 9)				**21,894**	**20,465**	**21,908**	**18,961**	**25,979**	**23,402**	**25,570**	**22,498**
	FDR_BOILER-DS	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T3-2 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LP3-2-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL-1 (BLDG 9)	CABLE	In	313	195	279	271	372	223	325	322
	FDR_DSP3-2 (BLDG 9)	CABLE	In	21,581	20,270	21,638	18,690	25,607	23,179	25,254	22,177
DSP3-3 (BLDG 9)				**23,551**	**22,775**	**23,934**	**20,396**	**27,943**	**26,055**	**27,902**	**24,199**
	FDR_DSP3-3 (BLDG 9)	CABLE	In	23,551	22,775	23,934	20,396	27,943	26,055	27,902	24,199
DSP3-4 (BLDG 9)				**23,863**	**23,237**	**23,965**	**20,666**	**29,267**	**27,872**	**29,080**	**25,346**
	MTR_DSP3-4(LUMPED)	IND-MTR	In	782	508	693	677	959	609	841	831

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_DSP3-4 (BLDG 9)	CABLE	In	23,081	22,730	23,303	19,989	28,308	27,264	28,277	24,515
DSP4-1 (BLDG 9)			**10,931**	**11,476**	**11,324**	**9,466**	**12,896**	**13,427**	**13,297**	**11,168**
FDR_UPS-2-MBP-INPUT	CABLE	In	0	0	0	0	0	0	0	0
FDR_DC4-1-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
FDR_DC4-1-2 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
FDR_DC4-1-3 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
FDR_PP4-1-4 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
FDR_DSP4-1 (BLDG 9)	CABLE	In	10,931	11,476	11,324	9,466	12,896	13,427	13,297	11,168
DSP4-3 (BLDG 9)			**27,128**	**25,650**	**26,819**	**23,493**	**33,430**	**31,000**	**32,764**	**28,951**
FDR_EAU-A-2	CABLE	In	196	123	173	170	241	149	211	209
FDR_EAU-A-4	CABLE	In	196	123	173	170	241	149	211	209
FDR_EAU-C-2	CABLE	In	196	123	173	170	241	149	211	209
FDR_EAU-E-2	CABLE	In	196	123	173	170	241	149	211	209
FDR_EAU-E-4	CABLE	In	196	123	173	170	241	149	211	209
FDR_AHU-C3	CABLE	In	235	148	208	203	290	179	254	251
FDR_EAU-C-4	CABLE	In	235	148	208	203	290	179	254	251
FDR_AHU-A-3	CABLE	In	470	296	415	407	579	358	507	501
FDR_EAU-A-6	CABLE	In	470	296	415	407	579	358	507	501
FDR_AHU-E-2	CABLE	In	587	370	519	508	723	447	634	626
FDR_DSP4-3 (BLDG 9)	CABLE	In	24,152	23,775	24,313	20,917	29,763	28,733	29,703	25,776
DSP4-4 (BLDG 9)			**26,071**	**24,241**	**26,028**	**22,578**	**30,791**	**27,612**	**30,253**	**26,666**
FDR_EAU-G-4	CABLE	In	273	169	242	236	322	192	282	279
FDR_DSP4-4 (BLDG 9)	CABLE	In	25,798	24,072	25,794	22,342	30,469	27,420	29,981	26,387
DSP4-5 (BLDG 9)			**26,890**	**25,371**	**26,750**	**23,288**	**32,544**	**29,874**	**31,978**	**28,184**
FDR_AC-1B	CABLE	In	115	73	102	100	140	85	122	121
FDR_CHWP-3	CABLE	In	155	97	137	134	188	115	164	162
FDR_CHWP-2	CABLE	In	155	98	137	134	188	115	164	163
FDR_LWTP-2	CABLE	In	194	122	172	168	235	144	206	203
FDR_HWP-2	CABLE	In	194	122	172	168	235	144	206	204
FDR_DSP4-5 (BLDG 9)	CABLE	In	26,077	24,860	26,062	22,583	31,559	29,272	31,156	27,331
EAU-3A.1A (BLDG 20)			**12,786**	**8,454**	**12,013**	**11,073**	**13,144**	**8,540**	**12,288**	**11,383**
MTR_EAU-3A.1A (BLDG 20)	IND-MTR	In	979	432	865	848	1,007	436	885	872
FDR_EAU-3A.1A (BLDG 20)	CABLE	In	11,859	8,045	11,157	10,270	12,191	8,127	11,413	10,558

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
EAU-3A.1B (BLDG 20)				**11,776**	**7,692**	**11,038**	**10,198**	**12,073**	**7,761**	**11,267**	**10,456**
	MTR_EAU-3A.1B (BLDG 20)	IND-MTR	In	980	427	866	849	1,005	431	884	870
	FDR_EAU-3A.1B (BLDG 20)	CABLE	In	10,852	7,289	10,185	9,398	11,126	7,355	10,396	9,636
EAU-3A.2A (BLDG 20)				**11,363**	**7,377**	**10,646**	**9,841**	**11,620**	**7,435**	**10,843**	**10,064**
	MTR_EAU-3A.2A (BLDG 20)	IND-MTR	In	980	424	866	849	1,002	427	882	868
	FDR_EAU-3A.2A (BLDG 20)	CABLE	In	10,445	6,979	9,795	9,045	10,681	7,033	9,976	9,250
EAU-3A.2B (BLDG 20)				**11,451**	**7,459**	**10,742**	**9,917**	**11,669**	**7,506**	**10,908**	**10,106**
	MTR_EAU-3A.2B (BLDG 20)	IND-MTR	In	980	426	866	849	999	428	879	865
	FDR_EAU-3A.2B (BLDG 20)	CABLE	In	10,539	7,062	9,894	9,127	10,740	7,106	10,046	9,301
EAU-3B.1A (BLDG 20)				**9,951**	**6,148**	**9,289**	**8,618**	**9,956**	**6,149**	**9,292**	**8,622**
	MTR_EAU-3B.1A (BLDG 20)	IND-MTR	In	588	242	519	509	588	242	519	510
	FDR_EAU-3B.1A (BLDG 20)	CABLE	In	9,497	5,961	8,841	8,225	9,503	5,961	8,844	8,229
EAU-3B.1B (BLDG 20)				**6,281**	**3,714**	**5,824**	**5,439**	**6,281**	**3,714**	**5,825**	**5,440**
	MTR_EAU-3B.1B (BLDG 20)	IND-MTR	In	588	232	518	509	588	232	518	509
	FDR_EAU-3B.1B (BLDG 20)	CABLE	In	5,883	3,555	5,420	5,095	5,884	3,555	5,420	5,095
EAU-3D.1A (BLDG 20)				**12,353**	**7,764**	**11,561**	**10,698**	**12,357**	**7,764**	**11,564**	**10,702**
	MTR_EAU-3D.1A (BLDG 20)	IND-MTR	In	392	164	346	339	392	164	346	339
	FDR_EAU-3D.1A (BLDG 20)	CABLE	In	12,054	7,639	11,265	10,439	12,059	7,639	11,268	10,444
EAU-3D.1B (BLDG 20)				**4,223**	**2,444**	**3,884**	**3,658**	**4,223**	**2,444**	**3,884**	**3,658**
	MTR_EAU-3D.1B (BLDG 20)	IND-MTR	In	392	151	345	340	392	151	345	340
	FDR_EAU-3D.1B (BLDG 20)	CABLE	In	4,006	2,358	3,652	3,469	4,006	2,358	3,652	3,469
EAU-4A.1A (BLDG 20)				**9,161**	**5,601**	**8,559**	**7,934**	**9,180**	**5,603**	**8,572**	**7,950**
	MTR_EAU-4A.1A (BLDG 20)	IND-MTR	In	784	320	693	679	786	320	694	680
	FDR_EAU-4A.1A (BLDG 20)	CABLE	In	8,516	5,337	7,934	7,375	8,533	5,338	7,946	7,389
EAU-4A.1B (BLDG 20)				**17,259**	**11,631**	**16,267**	**14,947**	**17,849**	**11,782**	**16,723**	**15,457**
	MTR_EAU-4A.1B (BLDG 20)	IND-MTR	In	784	352	693	679	811	357	713	702
	FDR_EAU-4A.1B (BLDG 20)	CABLE	In	16,509	11,294	15,579	14,297	17,073	11,440	16,015	14,786
EAU-4A.2A (BLDG 20)				**9,220**	**5,601**	**8,601**	**7,984**	**9,238**	**5,602**	**8,614**	**8,000**
	MTR_EAU-4A.2A (BLDG 20)	IND-MTR	In	784	318	692	679	786	318	693	680
	FDR_EAU-4A.2A (BLDG 20)	CABLE	In	8,575	5,338	7,977	7,426	8,591	5,340	7,989	7,440
EAU-4A.2B (BLDG 20)				**11,719**	**7,429**	**10,984**	**10,149**	**11,803**	**7,441**	**11,044**	**10,222**
	MTR_EAU-4A.2B (BLDG 20)	IND-MTR	In	783	331	692	678	789	332	696	683

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_EAU-4A.2B (BLDG 20)	CABLE	In	11,025	7,135	10,326	9,548	11,103	7,147	10,383	9,616
EAU-4B.1A (BLDG 20)			**10,938**	**7,061**	**10,209**	**9,472**	**11,363**	**7,173**	**10,543**	**9,840**
MTR_EAU-4B.1A (BLDG 20)	IND-MTR	In	979	421	864	848	1,017	428	892	881
FDR_EAU-4B.1A (BLDG 20)	CABLE	In	9,999	6,656	9,351	8,659	10,387	6,762	9,657	8,995
EAU-4B.1B (BLDG 20)			**10,763**	**6,862**	**10,058**	**9,321**	**11,061**	**6,929**	**10,288**	**9,579**
MTR_EAU-4B.1B (BLDG 20)	IND-MTR	In	980	417	865	849	1,007	421	885	872
FDR_EAU-4B.1B (BLDG 20)	CABLE	In	9,836	6,467	9,204	8,518	10,108	6,530	9,415	8,754
EAU-4C.1A (BLDG 20)			**7,835**	**4,688**	**7,267**	**6,786**	**7,838**	**4,688**	**7,269**	**6,788**
MTR_EAU-4C.1A (BLDG 20)	IND-MTR	In	588	235	518	509	588	235	518	509
FDR_EAU-4C.1A (BLDG 20)	CABLE	In	7,392	4,509	6,829	6,402	7,395	4,510	6,831	6,404
EAU-4C.1B (BLDG 20)			**7,034**	**4,177**	**6,528**	**6,092**	**7,036**	**4,177**	**6,529**	**6,093**
MTR_EAU-4C.1B (BLDG 20)	IND-MTR	In	588	233	518	509	588	233	519	509
FDR_EAU-4C.1B (BLDG 20)	CABLE	In	6,610	4,007	6,104	5,724	6,611	4,007	6,104	5,725
ED4LBB1 (BLDG 20)			**20,227**	**16,923**	**19,752**	**17,517**	**22,524**	**18,105**	**21,669**	**19,507**
FDR_EM-LT-UPS-3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EM-LT-UPS-1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EM-LT-UPS-4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EM-LT-UPS-2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_ED4LBB1 (BLDG 20)	CABLE	In	20,227	16,923	19,752	17,517	22,524	18,105	21,669	19,507
EL-1 (BLDG 9)			**20,306**	**18,108**	**20,599**	**17,586**	**22,287**	**18,994**	**22,161**	**19,301**
MTR_EL-1	IND-MTR	In	314	186	282	272	344	196	303	298
FDR_EL-1 (BLDG 9)	CABLE	In	19,996	17,923	20,319	17,317	21,946	18,801	21,859	19,006
EL2LBA1 (BLDG 20)			**118**	**163**	**177**	**102**	**150**	**199**	**212**	**130**
FDR_EL2LBA1 (BLDG 20)	CABLE	In	118	163	177	102	150	199	212	130
EL2LBB1 (BLDG 20)			**118**	**165**	**176**	**102**	**153**	**208**	**219**	**133**
FDR_EL2LBB1 (BLDG 20)	CABLE	In	118	165	176	102	153	208	219	133
EL2LBC1 (BLDG 20)			**118**	**165**	**176**	**102**	**152**	**206**	**218**	**132**
FDR_EL2LBC1 (BLDG 20)	CABLE	In	118	165	176	102	152	206	218	132
EL4A1A1 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
FDR_EL4A2A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EL4A1A1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4A1B1 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_EL4A2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL4A1B1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4A2A1 (BLDG 20)				**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
	FDR_EL4A3A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL4A2A1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4A2B1 (BLDG 20)				**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
	FDR_EL4A3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL4A2B1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4A3A1 (BLDG 20)				**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
	FDR_EL4A3A1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4A3B1 (BLDG 20)				**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
	FDR_EL4A3B1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4L1A1 (BLDG 20)				**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
	FDR_EL4L2A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL4L1A1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4L1B1 (BLDG 20)				**60**	**54**	**58**	**52**	**82**	**74**	**79**	**71**
	FDR_EL4L2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL4L1B1 (BLDG 20)	CABLE	In	60	54	58	52	82	74	79	71
EL4L1C1 (BLDG 20)				**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
	FDR_EL4L2C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL4L1C1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4L1D1 (BLDG 20)				**36**	**32**	**35**	**31**	**50**	**45**	**48**	**43**
	FDR_EL4L2D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL4L1D1 (BLDG 20)	CABLE	In	36	32	35	31	50	45	48	43
EL4L2A1 (BLDG 20)				**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
	FDR_EL4L3A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL4L2A1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4L2B1 (BLDG 20)				**60**	**54**	**58**	**52**	**82**	**74**	**79**	**71**
	FDR_EL4L3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EL4L2B1 (BLDG 20)	CABLE	In	60	54	58	52	82	74	79	71
EL4L2C1 (BLDG 20)				**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
	FDR_EL4L3C1-UPS4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_EL4L2C1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4L2D1 (BLDG 20)			**36**	**32**	**35**	**31**	**50**	**45**	**48**	**43**
FDR_EL4L3D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EL4L2D1 (BLDG 20)	CABLE	In	36	32	35	31	50	45	48	43
EL4L3A1 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
FDR_EL4L3A1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4L3B1 (BLDG 20)			**60**	**54**	**58**	**52**	**82**	**74**	**79**	**71**
FDR_EL4LPB1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EL4L3B1 (BLDG 20)	CABLE	In	60	54	58	52	82	74	79	71
EL4L3C1-UPS3 (BLDG 20)			**36**	**32**	**35**	**31**	**50**	**45**	**48**	**43**
FDR_EL4L3C1-UPS3 (BLDG 20)	CABLE	In	36	32	35	31	50	45	48	43
EL4L3C1-UPS4 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
FDR_EL4L3C1-UPS4 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4L3D1 (BLDG 20)			**36**	**32**	**35**	**31**	**50**	**45**	**48**	**43**
FDR_EL4L3C1-UPS3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EL4L3D1 (BLDG 20)	CABLE	In	36	32	35	31	50	45	48	43
EL4LBA1 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**75**	**80**	**72**
FDR_EL4L1A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EL4A1A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T2 (EL2LBA1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EL4LBA1 (BLDG 20)	CABLE	In	60	54	58	52	83	75	80	72
EL4LBB1 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**74**	**79**	**72**
FDR_EL4L1B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T2 (EL2LBB1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EL4LBB1 (BLDG 20)	CABLE	In	60	54	58	52	83	74	79	72
EL4LBC1 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**75**	**80**	**72**
FDR_EL4L1C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-T2 (EL2LBC1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EL4A1B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_EL4LBC1 (BLDG 20)	CABLE	In	60	54	58	52	83	75	80	72
EL4LBD1 (BLDG 20)			**36**	**32**	**35**	**31**	**50**	**45**	**48**	**43**
FDR_EL4L1D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_EL4LBD1 (BLDG 20)	CABLE	In	36	32	35	31	50	45	48	43
EL4LPB1 (BLDG 20)			**60**	**54**	**58**	**52**	**82**	**74**	**79**	**71**
FDR_EL4LPB1 (BLDG 20)	CABLE	In	60	54	58	52	82	74	79	71
ELEV-3 (BLDG 20)			**6,662**	**4,029**	**6,175**	**5,770**	**6,664**	**4,029**	**6,176**	**5,771**
MTR_ELEV-3 (BLDG 20)	IND-MTR	In	392	158	345	339	392	158	345	339
FDR_ELEV-3 (BLDG 20)	CABLE	In	6,375	3,912	5,888	5,521	6,376	3,912	5,889	5,522
ELEV-5 (BLDG 20)			**7,521**	**4,559**	**6,966**	**6,513**	**7,525**	**4,559**	**6,969**	**6,517**
MTR_ELEV-5 (BLDG 20)	IND-MTR	In	392	158	345	340	392	158	345	340
FDR_ELEV-5 (BLDG 20)	CABLE	In	7,219	4,436	6,669	6,252	7,223	4,436	6,672	6,255
E-LP-1 (BLDG 154)			**15,623**	**9,983**	**14,582**	**13,530**	**15,625**	**9,983**	**14,583**	**13,532**
FDR_E-LP-1 (BLDG 154)	CABLE	In	15,623	9,983	14,582	13,530	15,625	9,983	14,583	13,532
E-LP-11 (BLDG 154)			**19,330**	**16,223**	**19,153**	**16,741**	**20,863**	**16,855**	**20,363**	**18,068**
FDR_T-9 (E-PP-11)	CABLE	In	0	0	0	0	0	0	0	0
FDR_E-LP-11 (BLDG 154)	CABLE	In	19,330	16,223	19,153	16,741	20,863	16,855	20,363	18,068
E-LP-12 (BLDG 156)			**9,997**	**7,998**	**9,716**	**8,657**	**10,950**	**8,403**	**10,486**	**9,483**
FDR_E-LP-13 (BLDG 156)	CABLE	In	0	0	0	0	0	0	0	0
FDR_T-10 (E-PP-12)	CABLE	In	0	0	0	0	0	0	0	0
FDR_T-11 (UPS)	CABLE	In	0	0	0	0	0	0	0	0
FDR_E-LP-12 (BLDG 156)	CABLE	In	9,997	7,998	9,716	8,657	10,950	8,403	10,486	9,483
E-LP-13 (BLDG 156)			**6,053**	**4,103**	**5,761**	**5,242**	**6,066**	**4,104**	**5,769**	**5,253**
FDR_E-LP-13 (BLDG 156)	CABLE	In	6,053	4,103	5,761	5,242	6,066	4,104	5,769	5,253
E-LP-2 (BLDG 153)			**12,209**	**9,328**	**12,164**	**10,573**	**12,285**	**9,335**	**12,209**	**10,639**
FDR_E-LP-2 (BLDG 153)	CABLE	In	12,209	9,328	12,164	10,573	12,285	9,335	12,209	10,639
EMCC (BLDG 5)			**9,757**	**8,655**	**9,620**	**8,450**	**11,352**	**9,668**	**11,010**	**9,831**
MTR_EMCC (BLDG 5)-LUMPED	IND-MTR	In	196	116	174	170	228	130	200	198
FDR_SF3	CABLE	In	228	135	202	197	265	151	232	230
FDR_SF4	CABLE	In	228	135	202	197	265	151	232	230
FDR_EF4	CABLE	In	231	137	205	200	269	153	235	233
FDR_SF1	CABLE	In	233	138	207	202	271	154	237	235
FDR_SF2	CABLE	In	233	138	207	202	271	154	237	235
FDR_EF1	CABLE	In	312	185	277	270	363	206	317	315
FDR_EF2	CABLE	In	312	185	277	270	363	206	317	315

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_EMCC (BLDG 5)	CABLE	In	7,785	7,489	7,922	6,742	9,058	8,365	9,067	7,844
E-MCC-1 (BLDG 154)			**61,943**	**58,372**	**60,781**	**53,644**	**76,132**	**70,973**	**74,353**	**65,932**
FDR_ATS-2-SOURCE 1 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
FDR_ATS-1-SOURCE 1 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
FDR_CT-5B	CABLE	In	443	279	391	384	545	339	478	472
FDR_CT-5A	CABLE	In	444	279	392	385	546	339	479	473
FDR_CT-3B	CABLE	In	446	280	393	387	549	341	481	475
FDR_CT-3A	CABLE	In	448	281	394	388	550	342	483	476
FDR_CT-1B	CABLE	In	450	282	396	389	553	343	485	479
FDR_CT-1A	CABLE	In	450	283	397	390	554	344	486	479
FDR_PCHP-7	CABLE	In	777	488	685	673	955	593	837	827
FDR_PCHP-9	CABLE	In	777	488	685	673	955	593	837	827
FDR_PCHP-5	CABLE	In	778	489	686	674	956	594	839	828
MTR_E-MCC-1(LUMPED)	IND-MTR	In	1,048	658	924	907	1,288	800	1,130	1,115
FDR_CDP-5	CABLE	In	1,441	905	1,270	1,248	1,772	1,101	1,554	1,534
FDR_CDP-3	CABLE	In	1,455	914	1,283	1,260	1,788	1,112	1,569	1,549
FDR_CDP-1	CABLE	In	1,469	923	1,295	1,272	1,806	1,122	1,584	1,564
FDR_E-MCC-1 (BLDG 154)	CABLE	In	51,525	51,827	52,160	44,622	63,328	63,016	63,807	54,843
E-MCC-11 (BLDG 154)			**26,717**	**25,766**	**26,797**	**23,137**	**32,574**	**30,609**	**32,274**	**28,210**
FDR_ATS-5-SOURCE1 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
MTR_E-MCC-11-LUMPED	IND-MTR	In	1,337	860	1,186	1,158	1,630	1,021	1,429	1,412
FDR_E-MCC-11 (BLDG 154)	CABLE	In	25,380	24,907	25,661	21,980	30,944	29,588	30,906	26,798
E-MCC-12 (BLDG 154)			**26,545**	**25,607**	**26,577**	**22,988**	**32,348**	**30,479**	**32,032**	**28,015**
FDR_ATS-5-SOURCE2 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
MTR_E-MCC-12-LUMPED	IND-MTR	In	631	406	559	547	769	483	674	666
FDR_E-MCC-12 (BLDG 154)	CABLE	In	25,914	25,201	26,041	22,442	31,580	29,996	31,386	27,349
E-MCC-13 (BLDG 154)			**26,678**	**25,742**	**26,758**	**23,104**	**32,500**	**30,566**	**32,207**	**28,145**
MTR_E-MCC-13-LUMPED	IND-MTR	In	196	126	174	170	239	150	210	207
FDR_AIR-COMP-1-DIS-SWITCH	CABLE	In	763	491	677	661	930	583	815	805
FDR_E-MCC-13 (BLDG 154)	CABLE	In	25,718	25,125	25,947	22,273	31,331	29,833	31,230	27,133
E-MCC-14 (BLDG 154)			**26,580**	**25,629**	**26,611**	**23,019**	**32,411**	**30,516**	**32,088**	**28,068**
MTR_E-MCC-14-LUMPED	IND-MTR	In	196	126	174	170	239	150	210	207
FDR_AIR-COMP-2-DIS-SWITCH	CABLE	In	765	492	678	662	932	585	817	807

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_E-MCC-14 (BLDG 154)	CABLE	In	25,619	25,011	25,800	22,187	31,239	29,780	31,110	27,054
E-MCC-15 (BLDG 156)			**11,300**	**9,390**	**11,024**	**9,786**	**12,866**	**10,189**	**12,333**	**11,142**
TIE-BUS	CABLE	In	0	0	0	0	0	0	0	0
FDR_ATS-6-SOURCE 1 (BLDG 156)	CABLE	In	0	0	0	0	0	0	0	0
MTR_E-MCC-15-LUMPED	IND-MTR	In	1,365	756	1,212	1,182	1,554	820	1,356	1,345
FDR_E-MCC-15 (BLDG 156)	CABLE	In	9,942	8,638	9,826	8,610	11,320	9,373	10,992	9,804
E-MCC-16 (BLDG 156)			**14,112**	**13,834**	**14,121**	**12,221**	**17,239**	**16,679**	**17,141**	**14,930**
FDR_ATS-6-SOURCE 2 (BLDG 156)	CABLE	In	0	0	0	0	0	0	0	0
TIE-BUS	CABLE	In	0	0	0	0	0	0	0	0
FDR_EX-MCC (BLDG 155)	CABLE	In	0	0	0	0	0	0	0	0
MTR_E-MCC-16-LUMPED	IND-MTR	In	635	415	562	550	776	500	682	672
FDR_E-MCC-16 (BLDG 156)	CABLE	In	13,477	13,419	13,585	11,671	16,464	16,179	16,491	14,258
E-MCC-2 (BLDG 154)			**58,576**	**55,453**	**57,559**	**50,729**	**72,385**	**67,823**	**70,805**	**62,687**
FDR_ATS-2-SOURCE 2 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
FDR_ATS-1-SOURCE 2 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
FDR_CT-6B	CABLE	In	443	280	391	384	548	342	481	475
FDR_CT-6A	CABLE	In	444	280	392	385	549	343	482	475
FDR_CT-4B	CABLE	In	446	282	393	387	552	345	484	478
FDR_CT-4A	CABLE	In	448	282	395	388	553	345	485	479
FDR_CT-2B	CABLE	In	450	284	396	389	556	347	488	481
FDR_CT-2A	CABLE	In	450	284	397	390	557	348	488	482
FDR_PCHP-8	CABLE	In	775	489	683	671	958	598	841	830
FDR_PCHP-6	CABLE	In	777	490	685	673	960	600	842	831
FDR_PCHP-4	CABLE	In	779	492	687	675	963	601	845	834
MTR_E-MCC-2(LUMPED)	IND-MTR	In	1,048	661	924	907	1,295	809	1,136	1,121
FDR_CDP-6	CABLE	In	1,441	910	1,270	1,248	1,781	1,113	1,563	1,542
FDR_CDP-4	CABLE	In	1,451	916	1,279	1,257	1,793	1,120	1,574	1,553
FDR_CDP-2	CABLE	In	1,465	925	1,291	1,269	1,811	1,131	1,589	1,568
FDR_E-MCC-2 (BLDG 154)	CABLE	In	48,169	48,884	48,975	41,715	59,524	59,790	60,246	51,549
E-MCC-3 (BLDG 153)			**18,751**	**18,469**	**18,850**	**16,239**	**23,008**	**22,292**	**22,944**	**19,925**
BUS-TIE	CABLE	In	0	0	0	0	0	0	0	0
FDR_ATS-4-SOURCE 1 (BLDG 153)	CABLE	In	0	0	0	0	0	0	0	0
FDR_ATS-3-SOURCE 1 (BLDG 153)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
MTR_E-MCC-3-LUMPED	IND-MTR	In	612	402	542	530	750	485	659	650
FDR_E-MCC-3 (BLDG 153)	CABLE	In	18,140	18,067	18,334	15,710	22,257	21,808	22,316	19,275
E-MCC-4 (BLDG 153)			**20,280**	**18,927**	**20,290**	**17,563**	**23,775**	**21,416**	**23,414**	**20,590**
BUS-TIE	CABLE	In	0	0	0	0	0	0	0	0
FDR_ATS-4-SOURCE 2 (BLDG 153)	CABLE	In	0	0	0	0	0	0	0	0
FDR_ATS-3-SOURCE 2 (BLDG 153)	CABLE	In	0	0	0	0	0	0	0	0
MTR_E-MCC-4-LUMPED	IND-MTR	In	651	405	579	563	763	458	668	661
FDR_E-MCC-4 (BLDG 153)	CABLE	In	19,630	18,523	19,727	17,000	23,013	20,959	22,763	19,930
EM-LT-UPS-1 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**75**	**80**	**72**
FDR_EL4LBB1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
EM-LT-UPS-1		In	60	54	58	52	92	83	88	88
EM-LT-UPS-2 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**75**	**80**	**72**
FDR_EL4LBA1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
EM-LT-UPS-2		In	60	54	58	52	92	83	88	88
EM-LT-UPS-3 (BLDG 20)			**36**	**32**	**35**	**31**	**50**	**45**	**48**	**43**
FDR_EL4LBD1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
EM-LT-UPS-3		In	36	32	35	31	55	50	53	53
EM-LT-UPS-4 (BLDG 20)			**60**	**54**	**58**	**52**	**83**	**75**	**80**	**72**
FDR_EL4LBC1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
EM-LT-UPS-4		In	60	54	58	52	92	83	88	88
E-PP-1 (BLDG 154)			**2,665**	**2,202**	**2,693**	**2,308**	**2,684**	**2,205**	**2,705**	**2,325**
FDR_E-PP-7 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
FDR_UPS-1 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
FDR_E-PP-1 (BLDG 154)	CABLE	In	2,665	2,202	2,693	2,308	2,684	2,205	2,705	2,325
E-PP-11 (BLDG 154)			**4,587**	**4,642**	**4,693**	**3,973**	**5,041**	**5,044**	**5,127**	**4,366**
FDR_E-PP-13 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
FDR_E-PP-11 (BLDG 154)	CABLE	In	4,587	4,642	4,693	3,973	5,041	5,044	5,127	4,366
E-PP-12 (BLDG 156)			**4,246**	**4,485**	**4,382**	**3,677**	**4,622**	**4,886**	**4,772**	**4,003**
FDR_TEMP-POWER	CABLE	In	0	0	0	0	0	0	0	0
FDR_E-PP-13 (BLDG 156)	CABLE	In	0	0	0	0	0	0	0	0
FDR_E-PP-12 (BLDG 156)	CABLE	In	4,246	4,485	4,382	3,677	4,622	4,886	4,772	4,003
E-PP-13 (BLDG 154)			**4,163**	**3,932**	**4,332**	**3,605**	**4,338**	**4,009**	**4,465**	**3,757**

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_E-PP-13 (BLDG 154)	CABLE	In	4,163	3,932	4,332	3,605	4,338	4,009	4,465	3,757
E-PP-13 (BLDG 156)			**2,608**	**2,040**	**2,605**	**2,259**	**2,613**	**2,041**	**2,608**	**2,263**
FDR_E-PP-13 (BLDG 156)	CABLE	In	2,608	2,040	2,605	2,259	2,613	2,041	2,608	2,263
E-PP-2 (BLDG 153)			**2,063**	**2,078**	**2,094**	**1,786**	**2,223**	**2,225**	**2,250**	**1,925**
FDR_E-PP-2 (BLDG 153)	CABLE	In	2,063	2,078	2,094	1,786	2,223	2,225	2,250	1,925
E-PP-3 (BLDG 154)			**42**	**37**	**40**	**36**	**57**	**51**	**54**	**49**
FDR_E-PP-3 (BLDG 154)	CABLE	In	42	37	40	36	57	51	54	49
E-PP-7 (BLDG 154)			**2,387**	**1,873**	**2,378**	**2,067**	**2,395**	**1,874**	**2,382**	**2,074**
FDR_E-PP-7 (BLDG 154)	CABLE	In	2,387	1,873	2,378	2,067	2,395	1,874	2,382	2,074
E-SWGR-11-A (BLDG 154)			**28,083**	**27,894**	**28,118**	**24,320**	**35,175**	**34,718**	**35,109**	**30,463**
FDR_CT-1-MCC (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
PI-0006	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_E-MCC-13 (BLDG 154)	CABLE	In	958	634	846	829	1,200	789	1,056	1,039
FDR_E-MCC-11 (BLDG 154)	CABLE	In	1,334	883	1,178	1,155	1,670	1,099	1,471	1,447
FDR_E-SWGR-11-A (BLDG 154)	CABLE	In	25,792	26,377	26,219	22,336	32,306	32,830	32,738	27,977
E-SWGR-11-B (BLDG 154)			**27,973**	**27,757**	**27,946**	**24,225**	**35,071**	**34,662**	**34,969**	**30,373**
PI-0006	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_E-MCC-12 (BLDG 154)	CABLE	In	630	417	556	546	790	521	696	684
FDR_CT-2-MCC (BLDG 154)	CABLE	In	954	631	842	826	1,196	788	1,053	1,036
FDR_E-MCC-14 (BLDG 154)	CABLE	In	959	634	846	831	1,202	792	1,059	1,041
FDR_E-SWGR-11-B (BLDG 154)	CABLE	In	25,431	26,075	25,849	22,024	31,884	32,562	32,345	27,612
E-SWGR-1-A (BLDG 154)			**64,425**	**62,785**	**64,107**	**55,794**	**80,587**	**79,385**	**80,591**	**69,791**
PI-0005	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_SCHP-1 (BLDG 154)	CABLE	In	1,929	1,253	1,703	1,670	2,413	1,584	2,141	2,089
FDR_SCHP-4 (BLDG 154)	CABLE	In	1,929	1,253	1,703	1,670	2,413	1,584	2,141	2,089
FDR_E-MCC-1 (BLDG 154)	CABLE	In	10,320	6,705	9,114	8,937	12,909	8,477	11,457	11,179
FDR_E-SWGR-1-A (BLDG 154)	CABLE	In	50,260	53,581	52,205	43,526	62,868	67,747	65,628	54,445
E-SWGR-1-B (BLDG 154)			**60,719**	**59,368**	**60,511**	**52,584**	**76,299**	**75,417**	**76,426**	**66,077**
PI-0005	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_SCHP-3 (BLDG 154)	CABLE	In	1,933	1,260	1,707	1,674	2,428	1,600	2,156	2,103
FDR_SCHP-2 (BLDG 154)	CABLE	In	1,942	1,266	1,716	1,682	2,441	1,608	2,167	2,114
FDR_E-MCC-2 (BLDG 154)	CABLE	In	10,311	6,721	9,108	8,930	12,957	8,538	11,504	11,221
FDR_E-SWGR-1-B (BLDG 154)	CABLE	In	46,547	50,129	48,600	40,311	58,491	63,681	61,383	50,654

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
EX-DS1 (BLDG 157)				**5,646**	**4,743**	**5,674**	**4,890**	**5,755**	**4,771**	**5,750**	**4,984**
	FDR_LA-1 (BLDG 157)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EX-DS1 (BLDG 157)	CABLE	In	5,646	4,743	5,674	4,890	5,755	4,771	5,750	4,984
EX-MBP-UPS-1 (BLDG 154)				**42**	**37**	**40**	**36**	**57**	**51**	**55**	**50**
	FDR_EX-MBP-UPS-1-SW1	CABLE	In	0	0	0	0	0	0	0	0
	FDR_E-PP-3 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_UPS-1 (BLDG 154)-OUT	CABLE	In	42	37	40	36	57	51	55	50
EX-MCC (BLDG 155)				**8,651**	**6,953**	**8,483**	**7,492**	**9,100**	**7,110**	**8,829**	**7,880**
	FDR_EX-MCC (BLDG 155)	CABLE	In	8,651	6,953	8,483	7,492	9,100	7,110	8,829	7,880
FDS-174				**3,871**	**3,744**	**3,915**	**3,353**	**4,173**	**3,973**	**4,188**	**3,614**
	FDR_P-1 (BLDG 174)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_FDS-174	CABLE	In	3,871	3,744	3,915	3,353	4,173	3,973	4,188	3,614
FIRE-PUMP-1 (BLDG 154)				**33,272**	**24,951**	**32,179**	**28,815**	**34,586**	**25,318**	**33,172**	**29,953**
	FDR_FIRE-PMP-B	CABLE	In	0	0	0	0	0	0	0	0
	MTR_FIRE-PUMP-1 (BLD 154)	IND-MTR	In	1,960	980	1,745	1,698	2,038	994	1,798	1,765
	FDR_FIRE-PMP-A	CABLE	In	31,388	24,008	30,439	27,183	32,628	24,361	31,379	28,256
GENERATOR-1				**5,440**	**5,428**	**5,438**	**4,711**	**8,455**	**8,420**	**8,444**	**7,322**
	GEN-1(DG-1)	GEN	In	750	750	750	649	1,165	1,163	1,164	1,009
	FDR_GEN-1(DG-1)	CABLE	In	4,690	4,678	4,689	4,062	7,289	7,257	7,280	6,313
GENERATOR-2				**5,439**	**5,425**	**5,437**	**4,710**	**8,447**	**8,410**	**8,436**	**7,315**
	GEN-2(DG-2)	GEN	In	728	728	728	631	1,131	1,129	1,130	979
	FDR_GEN-2(DG-2)	CABLE	In	4,711	4,697	4,709	4,080	7,316	7,282	7,306	6,336
GENERATOR-4				**5,435**	**5,418**	**5,432**	**4,707**	**8,431**	**8,387**	**8,417**	**7,301**
	GEN-4(DG-4)	GEN	In	750	750	750	649	1,163	1,161	1,162	1,007
	FDR_GEN-4(DG-4)	CABLE	In	4,685	4,668	4,682	4,057	7,267	7,226	7,255	6,294
GENERATOR-5				**5,432**	**5,415**	**5,429**	**4,705**	**8,419**	**8,372**	**8,405**	**7,291**
	GEN-5(DG-5)	GEN	In	728	728	728	631	1,128	1,126	1,127	977
	FDR_GEN-5(DG-5)	CABLE	In	4,704	4,687	4,701	4,074	7,291	7,247	7,278	6,314
GENERATOR-6				**5,430**	**5,411**	**5,427**	**4,703**	**8,408**	**8,359**	**8,393**	**7,282**
	GEN-6(DG-6)	GEN	In	728	728	728	631	1,127	1,125	1,126	976
	FDR_GEN-6(DG-6)	CABLE	In	4,702	4,683	4,699	4,072	7,281	7,234	7,267	6,306
HL1 (BLDG 7)				**17,782**	**13,639**	**17,179**	**15,400**	**18,757**	**13,977**	**17,942**	**16,244**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
	FDR_HL1 (BLDG 7)	CABLE	In	17,782	13,639	17,179	15,400	18,757	13,977	17,942	16,244
HL2 (BLDG 7)				**18,771**	**14,268**	**18,321**	**16,256**	**19,352**	**14,408**	**18,744**	**16,759**
	FDR_HL2 (BLDG 7)	CABLE	In	18,771	14,268	18,321	16,256	19,352	14,408	18,744	16,759
HL3 (BLDG 7)				**16,343**	**11,806**	**15,714**	**14,154**	**16,758**	**11,901**	**16,020**	**14,513**
	FDR_HL3 (BLDG 7)	CABLE	In	16,343	11,806	15,714	14,154	16,758	11,901	16,020	14,513
HL4 (BLDG 7)				**10,461**	**7,385**	**9,886**	**9,060**	**10,839**	**7,505**	**10,184**	**9,386**
	FDR_HL4 (BLDG 7)	CABLE	In	10,461	7,385	9,886	9,060	10,839	7,505	10,184	9,386
HP1 (BLDG 7)				**18,735**	**14,681**	**18,069**	**16,225**	**20,366**	**15,372**	**19,394**	**17,637**
	FDR_T-RP1B (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-RP1A (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_HL1 (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EF-2A	CABLE	In	154	80	137	133	167	84	147	145
	FDR_EF-3A	CABLE	In	155	81	138	134	169	85	148	146
	FDR_AHU-3A	CABLE	In	193	101	171	167	210	106	184	182
	FDR_AHU-2A	CABLE	In	195	102	173	169	212	106	185	183
	FDR_HP1 (BLDG 7)	CABLE	In	18,044	14,320	17,453	15,626	19,615	14,994	18,733	16,987
HP2-SECT1 (BLDG 7)				**21,345**	**17,153**	**20,883**	**18,486**	**23,212**	**17,880**	**22,360**	**20,102**
	FDR_HP2-SECT2	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EF-1B	CABLE	In	153	82	137	133	167	86	146	144
	FDR_EF-2B	CABLE	In	154	82	137	133	167	86	147	145
	FDR_EF-3B	CABLE	In	154	82	137	133	167	86	147	145
	FDR_AHU-3B	CABLE	In	192	103	171	166	208	107	183	180
	FDR_AHU-4B	CABLE	In	192	103	171	166	208	107	183	180
	FDR_AHU-1B	CABLE	In	193	103	172	167	210	108	184	182
	FDR_AHU-2B	CABLE	In	193	104	172	167	210	108	184	182
	FDR_EF-4B	CABLE	In	234	125	208	202	254	131	223	220
	FDR_HP2 (BLDG 7)	CABLE	In	19,892	16,375	19,585	17,227	21,631	17,068	20,971	18,733
HP2-SECT2 (BLDG 7)				**21,152**	**16,955**	**20,681**	**18,318**	**22,967**	**17,656**	**22,117**	**19,890**
	FDR_T-RP2A (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-RP2B (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_HL2 (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_HP2-SECT2	CABLE	In	21,152	16,955	20,681	18,318	22,967	17,656	22,117	19,890
HP3-SECT1 (BLDG 7)				**18,411**	**13,855**	**17,760**	**15,944**	**19,572**	**14,230**	**18,663**	**16,950**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_WP-4	CABLE	In	152	76	135	131	161	78	142	140
	FDR_HP3-SECT2 (BLDG 7)	CABLE	In	152	76	135	132	161	78	142	140
	FDR_WP-5	CABLE	In	152	76	135	132	162	78	142	140
	FDR_EF-5A	CABLE	In	154	77	137	133	164	79	144	142
	FDR_EF-1A	CABLE	In	155	78	137	134	164	80	144	142
	FDR_AHU-1A	CABLE	In	189	95	168	163	201	97	176	174
	FDR_AHU-5A	CABLE	In	191	96	170	165	203	98	178	176
	FDR_AHU-4A	CABLE	In	191	96	170	166	203	99	179	176
	FDR_EF-4A	CABLE	In	233	117	207	201	247	120	217	214
	FDR_HP3-SECT1 (BLDG 7)	CABLE	In	16,861	13,077	16,369	14,602	17,924	13,431	17,202	15,523
HP3-SECT2 (BLDG 7)				**18,196**	**13,660**	**17,542**	**15,758**	**19,320**	**14,021**	**18,416**	**16,731**
	FDR_T-RP3A (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-RP3B (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_HL3 (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_WP-6	CABLE	In	152	76	135	132	161	78	142	140
	FDR_HP3-SECT2 (BLDG 7)	CABLE	In	18,045	13,585	17,407	15,628	19,160	13,943	18,275	16,593
HP4 (BLDG 7)				**10,871**	**7,757**	**10,273**	**9,414**	**11,411**	**7,946**	**10,705**	**9,882**
	FDR_HL4 (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-RP4A (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-RP4B (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_EF-5B	CABLE	In	154	73	136	133	161	75	141	140
	FDR_AHU-5B	CABLE	In	193	92	170	167	202	94	178	175
	FDR_HP4 (BLDG 7)	CABLE	In	10,531	7,595	9,967	9,120	11,054	7,781	10,387	9,573
HP5 (BLDG7)				**12,230**	**8,498**	**11,541**	**10,592**	**12,936**	**8,723**	**12,102**	**11,203**
	FDR_T-RP5A (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_WP-2	CABLE	In	155	72	137	134	164	74	144	142
	FDR_WP-3	CABLE	In	155	72	137	134	164	74	144	142
	FDR_P-1A	CABLE	In	156	72	138	135	165	74	144	143
	FDR_WP-1	CABLE	In	156	72	138	135	165	74	144	143
	FDR_P-3A	CABLE	In	232	108	205	201	246	111	215	213
	FDR_P-2B	CABLE	In	311	144	275	269	329	148	288	285
	FDR_HP5 (BLDG 7)	CABLE	In	11,089	7,969	10,511	9,604	11,729	8,180	11,022	10,158
HP6 (BLDG 7)				**11,632**	**8,241**	**10,998**	**10,073**	**12,265**	**8,454**	**11,503**	**10,622**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_P-1B	CABLE	In	156	73	137	135	164	75	144	142
	FDR_P-3B	CABLE	In	232	110	205	201	245	113	215	212
	FDR_P-2A	CABLE	In	310	146	274	268	327	150	287	283
	FDR_HP6 (BLDG 7)	CABLE	In	10,949	7,918	10,381	9,482	11,545	8,123	10,858	9,998
K2A1A (BLDG 20)				**5,126**	**5,335**	**5,313**	**4,439**	**5,559**	**5,739**	**5,736**	**4,814**
	FDR_K2A1A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_K2A1A2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_K2A1A (BLDG 20)	CABLE	In	5,126	5,335	5,313	4,439	5,559	5,739	5,736	4,814
K2A1A1 (BLDG 20)				**3,846**	**3,331**	**3,937**	**3,331**	**3,897**	**3,341**	**3,970**	**3,375**
	FDR_K2A1A1 (BLDG 20)	CABLE	In	3,846	3,331	3,937	3,331	3,897	3,341	3,970	3,375
K2A1A2 (BLDG 20)				**3,875**	**3,369**	**3,971**	**3,356**	**3,929**	**3,381**	**4,006**	**3,402**
	FDR_K2A1A2 (BLDG 20)	CABLE	In	3,875	3,369	3,971	3,356	3,929	3,381	4,006	3,402
K4A1A (BLDG 20)				**12,229**	**8,801**	**11,497**	**10,590**	**12,959**	**9,102**	**12,098**	**11,222**
	FDR_XFMR-T5 (K2A1A)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_K4A1A (BLDG 20)	CABLE	In	12,229	8,801	11,497	10,590	12,959	9,102	12,098	11,222
L-1 (LIFT STATION)				**3,884**	**2,515**	**3,707**	**3,363**	**3,886**	**2,515**	**3,708**	**3,365**
	MTR_LIFT-STATION	IND-MTR	In	181	78	161	157	181	78	161	157
	MTR_LIFT-STATION1	IND-MTR	In	181	78	161	157	181	78	161	157
	FDR_L-1 (LIFT STATION)	CABLE	In	3,608	2,395	3,431	3,125	3,610	2,395	3,432	3,126
L4A1A1 (BLDG 20)				**8,659**	**5,830**	**8,170**	**7,499**	**8,686**	**5,834**	**8,189**	**7,522**
	FDR_XFMR-T5K (R2A1A1)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_L4A1A1 (BLDG 20)	CABLE	In	8,659	5,830	8,170	7,499	8,686	5,834	8,189	7,522
L4A1B1 (BLDG 20)				**8,111**	**5,759**	**7,623**	**7,025**	**8,500**	**5,907**	**7,939**	**7,361**
	FDR_L4A1B1 (BLDG 20)	CABLE	In	8,111	5,759	7,623	7,025	8,500	5,907	7,939	7,361
L4A2A1 (BLDG 20)				**16,157**	**12,221**	**15,711**	**13,992**	**16,517**	**12,306**	**15,973**	**14,304**
	FDR_L4A2A1 (BLDG 20)	CABLE	In	16,157	12,221	15,711	13,992	16,517	12,306	15,973	14,304
L4A2B1 (BLDG 20)				**9,595**	**6,936**	**9,058**	**8,310**	**10,093**	**7,128**	**9,462**	**8,741**
	FDR_L4A2B1 (BLDG 20)	CABLE	In	9,595	6,936	9,058	8,310	10,093	7,128	9,462	8,741
L4A3A1 (BLDG 20)				**15,853**	**11,618**	**15,418**	**13,729**	**15,975**	**11,634**	**15,499**	**13,835**
	FDR_L4A3A1 (BLDG 20)	CABLE	In	15,853	11,618	15,418	13,729	15,975	11,634	15,499	13,835
L4A3B1 (BLDG 20)				**10,441**	**7,273**	**9,940**	**9,042**	**10,510**	**7,284**	**9,988**	**9,102**
	FDR_L4A3B1 (BLDG 20)	CABLE	In	10,441	7,273	9,940	9,042	10,510	7,284	9,988	9,102

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
L4L1A1 (BLDG 20)				**19,592**	**15,791**	**19,258**	**16,968**	**20,642**	**16,153**	**20,063**	**17,877**
	FDR_L4L1A1 (BLDG 20)	CABLE	In	19,592	15,791	19,258	16,968	20,642	16,153	20,063	17,877
L4L1B1 (BLDG 20)				**12,814**	**9,486**	**12,285**	**11,097**	**13,217**	**9,607**	**12,595**	**11,446**
	FDR_L4L1B1 (BLDG 20)	CABLE	In	12,814	9,486	12,285	11,097	13,217	9,607	12,595	11,446
L4L1C1 (BLDG 20)				**13,736**	**10,376**	**13,133**	**11,896**	**14,541**	**10,687**	**13,780**	**12,593**
	FDR_L4L1C1 (BLDG 20)	CABLE	In	13,736	10,376	13,133	11,896	14,541	10,687	13,780	12,593
L4L1D1 (BLDG 20)				**9,806**	**7,098**	**9,266**	**8,492**	**10,296**	**7,284**	**9,662**	**8,916**
	FDR_L4L1D1 (BLDG 20)	CABLE	In	9,806	7,098	9,266	8,492	10,296	7,284	9,662	8,916
L4L2A1 (BLDG 20)				**21,197**	**17,462**	**20,992**	**18,357**	**22,440**	**17,902**	**21,944**	**19,433**
	FDR_L4L2A1 (BLDG 20)	CABLE	In	21,197	17,462	20,992	18,357	22,440	17,902	21,944	19,433
L4L2B1 (BLDG 20)				**13,388**	**9,980**	**12,865**	**11,594**	**13,819**	**10,109**	**13,196**	**11,968**
	FDR_L4L2B1 (BLDG 20)	CABLE	In	13,388	9,980	12,865	11,594	13,819	10,109	13,196	11,968
L4L2C1 (BLDG 20)				**15,136**	**11,647**	**14,536**	**13,108**	**16,131**	**12,047**	**15,337**	**13,970**
	FDR_L4L2C1 (BLDG 20)	CABLE	In	15,136	11,647	14,536	13,108	16,131	12,047	15,337	13,970
L4L2D1 (BLDG 20)				**10,370**	**7,563**	**9,815**	**8,980**	**10,917**	**7,773**	**10,258**	**9,454**
	FDR_L4L2D1 (BLDG 20)	CABLE	In	10,370	7,563	9,815	8,980	10,917	7,773	10,258	9,454
L4L3A1 (BLDG 20)				**18,590**	**14,780**	**18,192**	**16,099**	**19,522**	**15,095**	**18,908**	**16,907**
	FDR_L4L3A1 (BLDG 20)	CABLE	In	18,590	14,780	18,192	16,099	19,522	15,095	18,908	16,907
L4L3B1 (BLDG 20)				**13,319**	**9,941**	**12,790**	**11,535**	**13,784**	**10,085**	**13,148**	**11,937**
	FDR_L4L3B1 (BLDG 20)	CABLE	In	13,319	9,941	12,790	11,535	13,784	10,085	13,148	11,937
L4L3C1 (BLDG 20)				**14,582**	**10,975**	**13,945**	**12,629**	**15,520**	**11,333**	**14,698**	**13,441**
	FDR_L4L3C1 (BLDG 20)	CABLE	In	14,582	10,975	13,945	12,629	15,520	11,333	14,698	13,441
L4L3D1 (BLDG 20)				**10,054**	**7,308**	**9,504**	**8,707**	**10,589**	**7,515**	**9,939**	**9,170**
	FDR_L4L3D1 (BLDG 20)	CABLE	In	10,054	7,308	9,504	8,707	10,589	7,515	9,939	9,170
L4LBA1 (BLDG 20)				**26,563**	**23,897**	**26,803**	**23,004**	**29,546**	**25,432**	**29,242**	**25,587**
	FDR_L4LBA1 (BLDG 20)	CABLE	In	26,563	23,897	26,803	23,004	29,546	25,432	29,242	25,587
L4LBB1 (BLDG 20)				**21,585**	**17,851**	**21,567**	**18,693**	**22,604**	**18,157**	**22,317**	**19,576**
	FDR_L4LBB1 (BLDG 20)	CABLE	In	21,585	17,851	21,567	18,693	22,604	18,157	22,317	19,576
L4LBC1 (BLDG 20)				**18,162**	**14,388**	**17,726**	**15,729**	**19,116**	**14,720**	**18,465**	**16,555**
	FDR_L4LBC1 (BLDG 20)	CABLE	In	18,162	14,388	17,726	15,729	19,116	14,720	18,465	16,555
L4LBD1 (BLDG 20)				**16,822**	**13,147**	**16,393**	**14,568**	**17,550**	**13,380**	**16,949**	**15,198**
	FDR_L4LBD1 (BLDG 20)	CABLE	In	16,822	13,147	16,393	14,568	17,550	13,380	16,949	15,198

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
L4LPA1 (BLDG 20)				**12,100**	**8,398**	**11,569**	**10,479**	**12,139**	**8,402**	**11,595**	**10,513**
	FDR_L4LPA1 (BLDG 20)	CABLE	In	12,100	8,398	11,569	10,479	12,139	8,402	11,595	10,513
L4LPB1 (BLDG 20)				**6,279**	**4,049**	**5,863**	**5,438**	**6,282**	**4,049**	**5,865**	**5,440**
	FDR_L4LPB1 (BLDG 20)	CABLE	In	6,279	4,049	5,863	5,438	6,282	4,049	5,865	5,440
L4LPC1 (BLDG 20)				**9,091**	**6,097**	**8,574**	**7,873**	**9,121**	**6,102**	**8,595**	**7,899**
	FDR_L4LPC1 (BLDG 20)	CABLE	In	9,091	6,097	8,574	7,873	9,121	6,102	8,595	7,899
L4LPD1 (BLDG 20)				**5,784**	**3,783**	**5,404**	**5,009**	**5,796**	**3,784**	**5,412**	**5,019**
	FDR_L4LPD1 (BLDG 20)	CABLE	In	5,784	3,783	5,404	5,009	5,796	3,784	5,412	5,019
L4S11 (BLDG 24)				**14,299**	**10,051**	**13,449**	**12,383**	**14,930**	**10,273**	**13,957**	**12,930**
	FDR_L4S11 (BLDG 24)	CABLE	In	14,299	10,051	13,449	12,383	14,930	10,273	13,957	12,930
LA (BLDG 10)				**1,389**	**830**	**1,262**	**1,203**	**1,389**	**830**	**1,262**	**1,203**
	FDR_RA (BLDG 10)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LA (BLDG 10)	CABLE	In	1,389	830	1,262	1,203	1,389	830	1,262	1,203
LA (BLDG 11)				**1,670**	**1,004**	**1,521**	**1,446**	**1,670**	**1,004**	**1,521**	**1,446**
	FDR_LB (BLDG 11)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LA (BLDG 11)	CABLE	In	1,670	1,004	1,521	1,446	1,670	1,004	1,521	1,446
LA (BLDG 125)				**4,177**	**2,899**	**3,991**	**3,618**	**4,182**	**2,900**	**3,995**	**3,622**
	FDR_LA (BLDG 125)	CABLE	In	4,177	2,899	3,991	3,618	4,182	2,900	3,995	3,622
LA (BLDG 13)				**5,831**	**4,483**	**5,695**	**5,050**	**5,904**	**4,499**	**5,747**	**5,113**
	FDR_LA (BLDG 13)	CABLE	In	5,831	4,483	5,695	5,050	5,904	4,499	5,747	5,113
LA (BLDG 3)				**1,875**	**1,238**	**1,774**	**1,624**	**1,875**	**1,238**	**1,774**	**1,624**
	FDR_LA (BLDG 3)	CABLE	In	1,875	1,238	1,774	1,624	1,875	1,238	1,774	1,624
LA (BLDG 4)				**1,858**	**1,220**	**1,755**	**1,609**	**1,858**	**1,220**	**1,755**	**1,609**
	FDR_LA (BLDG 4)	CABLE	In	1,858	1,220	1,755	1,609	1,858	1,220	1,755	1,609
LA-1 (BLDG 14)				**5,013**	**3,573**	**4,843**	**4,341**	**5,020**	**3,573**	**4,847**	**4,347**
	FDR_LA-1 (BLDG 14)	CABLE	In	5,013	3,573	4,843	4,341	5,020	3,573	4,847	4,347
LA-1 (BLDG 157)				**4,675**	**3,660**	**4,608**	**4,049**	**4,719**	**3,668**	**4,638**	**4,087**
	FDR_LA-2 (BLDG 157)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_OLD-EQUIPMENT	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LA-1 (BLDG 157)	CABLE	In	4,675	3,660	4,608	4,049	4,719	3,668	4,638	4,087
LA-2 (BLDG 157)				**4,615**	**3,593**	**4,544**	**3,997**	**4,654**	**3,600**	**4,570**	**4,031**
	FDR_LA-2 (BLDG 157)	CABLE	In	4,615	3,593	4,544	3,997	4,654	3,600	4,570	4,031

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
LA-2 (BLDG 16)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_LA-2 (BLDG 16)	CABLE	In	0	0	0	0	0	0	0	0
LB (BLDG 10)				**1,989**	**1,199**	**1,814**	**1,722**	**1,989**	**1,199**	**1,814**	**1,722**
	FDR_LB (BLDG 10)	CABLE	In	1,989	1,199	1,814	1,722	1,989	1,199	1,814	1,722
LB (BLDG 11)				**1,513**	**906**	**1,376**	**1,310**	**1,513**	**906**	**1,376**	**1,310**
	FDR_LB (BLDG 11)	CABLE	In	1,513	906	1,376	1,310	1,513	906	1,376	1,310
LB (BLDG 3)				**2,036**	**1,362**	**1,935**	**1,763**	**2,036**	**1,362**	**1,935**	**1,763**
	FDR_LB (BLDG 3)	CABLE	In	2,036	1,362	1,935	1,763	2,036	1,362	1,935	1,763
LB (BLDG 4)				**1,950**	**1,289**	**1,847**	**1,689**	**1,950**	**1,289**	**1,847**	**1,689**
	FDR_LB (BLDG 4)	CABLE	In	1,950	1,289	1,847	1,689	1,950	1,289	1,847	1,689
LC (BLDG 10)				**3,264**	**2,038**	**3,012**	**2,827**	**3,265**	**2,038**	**3,012**	**2,827**
	FDR_LC (BLDG 10)	CABLE	In	3,264	2,038	3,012	2,827	3,265	2,038	3,012	2,827
LC (BLDG 3)				**2,185**	**1,480**	**2,086**	**1,892**	**2,185**	**1,480**	**2,086**	**1,892**
	FDR_LC (BLDG 3)	CABLE	In	2,185	1,480	2,086	1,892	2,185	1,480	2,086	1,892
LC (BLDG 4)				**2,051**	**1,367**	**1,948**	**1,776**	**2,051**	**1,367**	**1,948**	**1,776**
	FDR_LC (BLDG 4)	CABLE	In	2,051	1,367	1,948	1,776	2,051	1,367	1,948	1,776
LD (BLDG 10)				**10,119**	**7,404**	**9,592**	**8,763**	**10,555**	**7,566**	**9,942**	**9,141**
	FDR_LD (BLDG 10)	CABLE	In	10,119	7,404	9,592	8,763	10,555	7,566	9,942	9,141
LD (BLDG 3)				**2,451**	**1,700**	**2,361**	**2,123**	**2,451**	**1,700**	**2,361**	**2,123**
	FDR_LD (BLDG 3)	CABLE	In	2,451	1,700	2,361	2,123	2,451	1,700	2,361	2,123
LD (BLDG 4)				**2,331**	**1,589**	**2,233**	**2,018**	**2,331**	**1,589**	**2,233**	**2,019**
	FDR_LD (BLDG 4)	CABLE	In	2,331	1,589	2,233	2,018	2,331	1,589	2,233	2,019
LF (BLDG 3)				**2,311**	**1,583**	**2,215**	**2,001**	**2,311**	**1,583**	**2,216**	**2,001**
	FDR_LF (BLDG 3)	CABLE	In	2,311	1,583	2,215	2,001	2,311	1,583	2,216	2,001
LF (BLDG 4)				**2,203**	**1,486**	**2,102**	**1,907**	**2,203**	**1,486**	**2,102**	**1,908**
	FDR_LF (BLDG 4)	CABLE	In	2,203	1,486	2,102	1,907	2,203	1,486	2,102	1,908
LG (BLDG 3)				**2,077**	**1,393**	**1,977**	**1,799**	**2,077**	**1,393**	**1,977**	**1,799**
	FDR_LG (BLDG 3)	CABLE	In	2,077	1,393	1,977	1,799	2,077	1,393	1,977	1,799
LG (BLDG 4)				**2,044**	**1,366**	**1,943**	**1,771**	**2,045**	**1,366**	**1,943**	**1,771**
	FDR_LG (BLDG 4)	CABLE	In	2,044	1,366	1,943	1,771	2,045	1,366	1,943	1,771
LH (BLDG 3)				**2,618**	**1,840**	**2,534**	**2,267**	**2,618**	**1,840**	**2,535**	**2,268**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
	FDR_LH (BLDG 3)	CABLE	In	2,618	1,840	2,534	2,267	2,618	1,840	2,535	2,268
LH (BLDG 4)				**2,322**	**1,587**	**2,225**	**2,011**	**2,322**	**1,587**	**2,225**	**2,011**
	FDR_LH (BLDG 4)	CABLE	In	2,322	1,587	2,225	2,011	2,322	1,587	2,225	2,011
LIS-1 (BLDG 9)				**7,305**	**6,084**	**7,453**	**6,326**	**7,903**	**6,226**	**7,871**	**6,844**
	FDR_XFMR-9T1	CABLE	In	28	15	25	24	30	16	26	26
	FDR_LIS-1 (BLDG 9)	CABLE	In	7,278	6,069	7,428	6,303	7,873	6,210	7,845	6,819
LIS-2 (BLDG 9)				**7,041**	**5,840**	**7,150**	**6,097**	**7,572**	**5,970**	**7,526**	**6,558**
	FDR_XFMR-9T2	CABLE	In	141	78	127	122	151	80	134	131
	PI-0014	PI-EQUI	In	6,902	5,763	7,023	5,977	7,423	5,892	7,392	6,429
LIS-3 (BLDG 9)				**7,168**	**5,988**	**7,309**	**6,208**	**7,720**	**6,122**	**7,697**	**6,686**
	FDR_XFMR-9T3	CABLE	In	38	21	35	33	41	22	36	36
	PI-0013	PI-EQUI	In	7,130	5,967	7,275	6,175	7,680	6,100	7,660	6,651
LIS-4 (BLDG 9)				**7,169**	**5,929**	**7,284**	**6,209**	**7,742**	**6,067**	**7,688**	**6,705**
	FDR_XFMR-9T4	CABLE	In	128	71	116	111	138	72	122	120
	FDR_LIS-4 (BLDG 9)	CABLE	In	7,043	5,859	7,168	6,100	7,606	5,996	7,566	6,587
LJ (BLDG 4)				**2,515**	**1,749**	**2,425**	**2,178**	**2,516**	**1,749**	**2,425**	**2,179**
	FDR_LJ (BLDG 4)	CABLE	In	2,515	1,749	2,425	2,178	2,516	1,749	2,425	2,179
LK (BLDG 3)				**2,796**	**2,000**	**2,723**	**2,421**	**2,797**	**2,000**	**2,724**	**2,422**
	FDR_LK-A (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LK (BLDG 3)	CABLE	In	2,796	2,000	2,723	2,421	2,797	2,000	2,724	2,422
LK (BLDG 4)				**2,740**	**1,945**	**2,662**	**2,373**	**2,741**	**1,945**	**2,662**	**2,374**
	FDR_LK (BLDG 4)	CABLE	In	2,740	1,945	2,662	2,373	2,741	1,945	2,662	2,374
LK-A (BLDG 3)				**2,746**	**1,955**	**2,670**	**2,378**	**2,747**	**1,955**	**2,671**	**2,379**
	FDR_LK-A (BLDG 3)	CABLE	In	2,746	1,955	2,670	2,378	2,747	1,955	2,671	2,379
LL (BLDG 3)				**2,563**	**1,793**	**2,477**	**2,219**	**2,563**	**1,793**	**2,477**	**2,220**
	FDR_LL (BLDG 3)	CABLE	In	2,563	1,793	2,477	2,219	2,563	1,793	2,477	2,220
LL (BLDG 4)				**2,568**	**1,794**	**2,480**	**2,224**	**2,569**	**1,794**	**2,480**	**2,225**
	FDR_LL (BLDG 4)	CABLE	In	2,568	1,794	2,480	2,224	2,569	1,794	2,480	2,225
LM (BLDG 3)				**4,671**	**4,191**	**4,912**	**4,045**	**4,742**	**4,203**	**4,954**	**4,106**
	FDR_LM (BLDG 3)	CABLE	In	4,671	4,191	4,912	4,045	4,742	4,203	4,954	4,106
LM (BLDG 4)				**5,507**	**5,553**	**5,927**	**4,769**	**5,794**	**5,698**	**6,147**	**5,018**
	FDR_LM (BLDG 4)	CABLE	In	5,507	5,553	5,927	4,769	5,794	5,698	6,147	5,018

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
LN (BLDG 3)				**4,675**	**4,989**	**4,929**	**4,049**	**5,061**	**5,355**	**5,310**	**4,383**
	FDR_LN (BLDG 3)	CABLE	In	4,675	4,989	4,929	4,049	5,061	5,355	5,310	4,383
LN (BLDG 4)				**4,557**	**4,916**	**4,777**	**3,947**	**4,818**	**5,203**	**5,053**	**4,172**
	FDR_LN (BLDG 4)	CABLE	In	4,557	4,916	4,777	3,947	4,818	5,203	5,053	4,172
LP (BLDG 3)				**1,767**	**1,156**	**1,667**	**1,530**	**1,767**	**1,156**	**1,667**	**1,530**
	FDR_LP (BLDG 3)	CABLE	In	1,767	1,156	1,667	1,530	1,767	1,156	1,667	1,530
LP1 (BLDG 5)				**8,670**	**7,417**	**8,570**	**7,508**	**9,422**	**7,780**	**9,184**	**8,160**
	FDR_LP1 (BLDG 5)	CABLE	In	8,670	7,417	8,570	7,508	9,422	7,780	9,184	8,160
LP1-2-1 (BLDG 9)				**21,669**	**20,298**	**21,900**	**18,766**	**25,198**	**22,616**	**24,974**	**21,822**
	FDR_LP1-2-1 (BLDG 9)	CABLE	In	21,669	20,298	21,900	18,766	25,198	22,616	24,974	21,822
LP1-2-2 (BLDG 9)				**21,669**	**20,298**	**21,900**	**18,766**	**25,198**	**22,616**	**24,974**	**21,822**
	FDR_LP1-2-2 (BLDG 9)	CABLE	In	21,669	20,298	21,900	18,766	25,198	22,616	24,974	21,822
LP2 (BLDG 5)				**4,006**	**4,104**	**4,188**	**3,470**	**4,256**	**4,299**	**4,415**	**3,686**
	FDR_LP2 (BLDG 5)	CABLE	In	4,006	4,104	4,188	3,470	4,256	4,299	4,415	3,686
LP3 (BLDG 5)				**9,449**	**8,397**	**9,309**	**8,183**	**10,737**	**9,222**	**10,432**	**9,299**
	FDR_LP3 (BLDG 5)	CABLE	In	9,449	8,397	9,309	8,183	10,737	9,222	10,432	9,299
LP3-2-1 (BLDG 9)				**19,836**	**17,678**	**19,905**	**17,179**	**22,184**	**18,902**	**21,838**	**19,211**
	FDR_LP3-2-1 (BLDG 9)	CABLE	In	19,836	17,678	19,905	17,179	22,184	18,902	21,838	19,211
LP4 (BLDG 5)				**4,227**	**4,375**	**4,432**	**3,661**	**4,603**	**4,685**	**4,780**	**3,986**
	FDR_LP6 (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LP4 (BLDG 5)	CABLE	In	4,227	4,375	4,432	3,661	4,603	4,685	4,780	3,986
LP5 (BLDG 5)				**2,265**	**1,659**	**2,221**	**1,962**	**2,267**	**1,659**	**2,222**	**1,963**
	FDR_LP5 (BLDG 5)	CABLE	In	2,265	1,659	2,221	1,962	2,267	1,659	2,222	1,963
LP6 (BLDG 5)				**2,321**	**1,716**	**2,282**	**2,010**	**2,323**	**1,716**	**2,284**	**2,012**
	FDR_LP5 (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_LP6 (BLDG 5)	CABLE	In	2,321	1,716	2,282	2,010	2,323	1,716	2,284	2,012
LW (BLDG 4)				**8,094**	**6,184**	**7,946**	**7,010**	**8,352**	**6,240**	**8,130**	**7,233**
	FDR_LW (BLDG 4)	CABLE	In	8,094	6,184	7,946	7,010	8,352	6,240	8,130	7,233
M2S11 (BLDG 24)				**739**	**742**	**747**	**640**	**777**	**778**	**784**	**673**
	FDR_M2S11 (BLDG 24)	CABLE	In	739	742	747	640	777	778	784	673
M4APA1 (BLDG 20)				**17,749**	**13,059**	**16,809**	**15,371**	**19,208**	**13,664**	**18,007**	**16,635**
	FDR_XFMR-T3 (R2APA1)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_SURGE-ARRESTER8	CABLE	In	0	0	0	0	0	0	0	0
FDR_F1G.5 (BLDG 20)	CABLE	In	155	76	137	134	168	80	147	145
FDR_AHU-1H.1 (BLDG 20)	CABLE	In	230	113	203	200	249	118	218	216
FDR_AHU-1G.1 (BLDG 20)	CABLE	In	581	285	514	504	629	298	550	545
FDR_M4APA1 (BLDG 20)	CABLE	In	16,793	12,590	15,956	14,543	18,173	13,173	17,093	15,739
M4APB1 (BLDG 20)			**17,907**	**13,197**	**16,945**	**15,508**	**19,311**	**13,788**	**18,101**	**16,724**
FDR_SURGE-ARRESTER9	CABLE	In	0	0	0	0	0	0	0	0
FDR_F1G.4 (BLDG 20)	CABLE	In	156	77	138	135	168	80	147	146
FDR_AHU-1G.2 (BLDG 20)	CABLE	In	575	283	508	498	620	295	543	537
FDR_M4APB1 (BLDG 20)	CABLE	In	17,184	12,841	16,300	14,882	18,531	13,417	17,412	16,049
M4LBA1 (BLDG 20)			**25,113**	**20,424**	**24,216**	**21,749**	**28,012**	**21,952**	**26,665**	**24,259**
FDR_P-3P.1 (BLDG 20)	CABLE	In	232	126	206	201	259	135	227	224
FDR_M4LBA1 (BLDG 20)	CABLE	In	24,882	20,298	24,013	21,548	27,754	21,818	26,441	24,035
M4LBA2 (BLDG 20)			**18,707**	**14,111**	**17,762**	**16,201**	**20,204**	**14,780**	**19,002**	**17,497**
FDR_P-3P.2 (BLDG 20)	CABLE	In	232	117	205	201	251	122	219	217
FDR_M4LBA2 (BLDG 20)	CABLE	In	18,477	13,996	17,557	16,001	19,956	14,659	18,783	17,282
M4LBA3 (BLDG 20)-SEC1			**15,334**	**10,799**	**14,633**	**13,280**	**15,450**	**10,820**	**14,715**	**13,380**
FDR_M4LBA3 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_M4LBA3 (BLDG 20)	CABLE	In	15,334	10,799	14,633	13,280	15,450	10,820	14,715	13,380
M4LBA3 (BLDG 20)-SEC2			**15,202**	**10,691**	**14,501**	**13,165**	**15,314**	**10,711**	**14,581**	**13,263**
FDR_M4LBA3 (BLDG 20)-SEC2	CABLE	In	15,202	10,691	14,501	13,165	15,314	10,711	14,581	13,263
M4LBA4 (BLDG 20)			**16,284**	**11,447**	**15,517**	**14,102**	**16,410**	**11,471**	**15,608**	**14,211**
FDR_M4LBA4 (BLDG 20)	CABLE	In	16,284	11,447	15,517	14,102	16,410	11,471	15,608	14,211
M4LBC1 (BLDG 20)			**18,629**	**13,325**	**17,744**	**16,133**	**19,500**	**13,584**	**18,422**	**16,888**
FDR_WH-1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_WH-2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_WWTPPP-1A (BLDG 20)	CABLE	In	194	93	172	168	203	94	179	176
FDR_WWTPPP-1C (BLDG 20)	CABLE	In	194	93	172	168	203	94	179	176
FDR_AHU-4F.3 (BLDG 20)	CABLE	In	573	273	508	497	600	279	528	520
FDR_AHU-4F.1 (BLDG 20)	CABLE	In	580	277	514	502	607	282	534	526
FDR_M4LBC1 (BLDG 20)	CABLE	In	17,128	12,609	16,378	14,833	17,929	12,854	17,004	15,527
M4LBD1 (BLDG 20)			**18,803**	**13,727**	**17,769**	**16,284**	**20,347**	**14,365**	**19,039**	**17,621**
FDR_P4LBD1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_WWTPPP-1B (BLDG 20)	CABLE	In	191	93	169	165	207	97	181	179
FDR_ELEV-6 (BLDG 20)	CABLE	In	389	189	343	337	421	198	368	365
FDR_AHU-4F.2 (BLDG 20)	CABLE	In	574	280	507	497	622	293	543	538
FDR_M4LBD1 (BLDG 20)	CABLE	In	17,661	13,171	16,752	15,295	19,112	13,783	17,949	16,551
M4LPA1 (BLDG 20)			**29,610**	**23,755**	**28,464**	**25,643**	**33,552**	**25,804**	**31,796**	**29,057**
FDR_XFMR-T5 (R2LPA1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_SURGE-ARRESTER5	CABLE	In	0	0	0	0	0	0	0	0
FDR_P3Q.1 (BLDG 20)	CABLE	In	234	125	207	203	265	136	231	230
FDR_EAU-3B.1B (BLDG 20)	CABLE	In	561	300	497	486	636	326	555	551
FDR_EAU-3A.2B (BLDG 20)	CABLE	In	931	498	824	807	1,055	541	921	914
FDR_AHU-3E.2 (BLDG 20)	CABLE	In	1,145	612	1,013	992	1,297	665	1,132	1,124
FDR_M4LPA1 (BLDG 20)	CABLE	In	26,747	22,223	25,958	23,163	30,308	24,140	28,996	26,247
M4LPA2 (BLDG 20)			**23,019**	**17,125**	**21,876**	**19,935**	**25,414**	**18,132**	**23,846**	**22,009**
FDR_SURGE-ARRESTER4	CABLE	In	0	0	0	0	0	0	0	0
FDR_P3Q.2 (BLDG 20)	CABLE	In	234	116	207	203	258	123	226	224
FDR_EAU-3D.1B (BLDG 20)	CABLE	In	378	187	334	327	417	199	364	361
FDR_EAU-3A.1B (BLDG 20)	CABLE	In	941	467	832	815	1,039	494	907	900
FDR_AHU-3.E1 (BLDG 20)	CABLE	In	1,165	578	1,030	1,009	1,286	612	1,123	1,114
FDR_M4LPA2 (BLDG 20)	CABLE	In	20,321	15,787	19,483	17,599	22,436	16,715	21,238	19,430
M4LPB1 (BLDG 20)			**23,944**	**17,985**	**22,819**	**20,736**	**26,644**	**19,129**	**25,039**	**23,074**
FDR_XFMR-T5 (R2LPB1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_SURGE-ARRESTER7	CABLE	In	0	0	0	0	0	0	0	0
FDR_F3K.1 (BLDG 20)	CABLE	In	191	96	169	166	213	102	186	184
FDR_F3L.2 (BLDG 20)	CABLE	In	191	96	169	166	213	102	186	184
FDR_ELEV-3 (BLDG 20)	CABLE	In	381	191	337	330	424	203	370	367
FDR_EAU-3D.1A (BLDG 20)	CABLE	In	388	195	344	336	432	207	377	374
FDR_EAU-3A.1A (BLDG 20)	CABLE	In	945	473	836	819	1,052	503	918	911
FDR_AHU-3E.3 (BLDG 20)	CABLE	In	1,119	560	990	969	1,245	596	1,086	1,078
FDR_M4LPB1 (BLDG 20)	CABLE	In	20,745	16,383	19,992	17,966	23,085	17,425	21,938	19,992
M4LPB2 (BLDG 20)			**24,256**	**18,253**	**23,098**	**21,006**	**26,861**	**19,376**	**25,245**	**23,262**
FDR_SURGE-ARRESTER6	CABLE	In	0	0	0	0	0	0	0	0
FDR_F3L.1 (BLDG 20)	CABLE	In	192	96	169	166	212	102	185	184
FDR_EAU-3B.1A (BLDG 20)	CABLE	In	575	288	508	498	637	306	556	551

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_EAU-3A.2A (BLDG 20)	CABLE	In	937	470	829	811	1,037	499	906	898
FDR_AHU-3E.4 (BLDG 20)	CABLE	In	1,120	562	991	970	1,241	597	1,083	1,074
FDR_M4LPB2 (BLDG 20)	CABLE	In	21,449	16,845	20,616	18,576	23,753	17,881	22,533	20,571
M4LPC1 (BLDG 20)			**21,112**	**15,049**	**20,152**	**18,284**	**22,333**	**15,399**	**21,098**	**19,341**
FDR_XFMR-T5 (R2LPC1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_SURGE-ARRESTER1	CABLE	In	0	0	0	0	0	0	0	0
FDR_P-4Q-2 (BLDG 20)	CABLE	In	310	147	275	268	328	151	288	284
FDR_EAU-4C.1B (BLDG 20)	CABLE	In	568	270	503	492	600	276	527	520
FDR_EAU-4A.1A (BLDG 20)	CABLE	In	755	359	670	654	799	367	702	692
FDR_AHU-4.E3 (BLDG 20)	CABLE	In	1,118	531	991	968	1,182	543	1,038	1,024
FDR_M4LPC1 (BLDG 20)	CABLE	In	18,415	13,766	17,712	15,948	19,480	14,086	18,544	16,870
M4LPC2 (BLDG 20)			**21,461**	**15,061**	**20,437**	**18,586**	**22,723**	**15,410**	**21,415**	**19,679**
FDR_SURGE-ARRESTER	CABLE	In	0	0	0	0	0	0	0	0
FDR_HOT-WATER-SUPPLY	CABLE	In	310	145	275	268	328	148	288	284
FDR_EAU-4A.2A (BLDG 20)	CABLE	In	755	353	670	654	800	362	702	693
FDR_EAU-4B.1B (BLDG 20)	CABLE	In	936	438	830	810	991	448	869	858
FDR_AHU-4.E4 (BLDG 20)	CABLE	In	1,115	522	989	966	1,181	534	1,036	1,023
FDR_M4LPC2 (BLDG 20)	CABLE	In	18,411	13,632	17,674	15,944	19,493	13,948	18,520	16,881
M4LPD1 (BLDG 20)			**20,758**	**14,622**	**19,577**	**17,977**	**22,729**	**15,342**	**21,179**	**19,684**
FDR_XFMR-T5 (R2LPD1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_SURGE-ARRESTER3	CABLE	In	0	0	0	0	0	0	0	0
FDR_F4K.1 (BLDG 20)	CABLE	In	191	90	169	166	209	94	183	181
FDR_F4L.2 (BLDG 20)	CABLE	In	193	90	170	167	211	95	184	183
FDR_ELEV-5 (BLDG 20)	CABLE	In	383	180	339	332	420	189	366	363
FDR_EAU-4C.1A (BLDG 20)	CABLE	In	570	268	504	494	625	281	545	541
FDR_EAU-4A.1B (BLDG 20)	CABLE	In	779	366	688	675	853	384	744	739
FDR_AHU4-E.1 (BLDG 20)	CABLE	In	1,145	538	1,011	992	1,254	564	1,094	1,086
FDR_M4LPD1 (BLDG 20)	CABLE	In	17,528	13,104	16,703	15,179	19,192	13,749	18,070	16,621
M4LPD2 (BLDG 20)			**20,186**	**14,333**	**19,072**	**17,482**	**22,153**	**15,058**	**20,670**	**19,185**
FDR_SURGE-ARRESTER2	CABLE	In	0	0	0	0	0	0	0	0
FDR_F4L.1 (BLDG 20)	CABLE	In	192	91	170	167	211	96	184	183
FDR_EAU-4A.2B (BLDG 20)	CABLE	In	766	362	677	663	840	381	733	728
FDR_EAU-4B.1A (BLDG 20)	CABLE	In	938	444	829	813	1,030	467	899	892

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_AHU-4.E2 (BLDG 20)	CABLE	In	1,165	552	1,030	1,009	1,279	579	1,116	1,108
FDR_M4LPD2 (BLDG 20)	CABLE	In	17,155	12,897	16,372	14,857	18,827	13,549	17,744	16,304
M4S11 (BLDG 24)			**7,102**	**4,474**	**6,594**	**6,150**	**7,109**	**4,475**	**6,599**	**6,157**
FDR_XFMR-T2 (M2S11)	CABLE	In	0	0	0	0	0	0	0	0
FDR_AHU-7.1 (BLDG 24)-R	CABLE	In	156	65	137	135	156	65	137	135
FDR_M4S11 (BLDG 24)	CABLE	In	6,974	4,420	6,471	6,040	6,982	4,421	6,476	6,046
M4S12 (BLDG 24)			**13,770**	**9,595**	**12,952**	**11,926**	**14,232**	**9,745**	**13,319**	**12,325**
FDR_M4S12 (BLDG 24)	CABLE	In	13,770	9,595	12,952	11,926	14,232	9,745	13,319	12,325
MDP (BLDG 10)			**10,613**	**7,882**	**10,045**	**9,191**	**11,300**	**8,178**	**10,611**	**9,786**
FDR_LD (BLDG 10)	CABLE	In	0	0	0	0	0	0	0	0
FDR_LB (BLDG 10)	CABLE	In	0	0	0	0	0	0	0	0
FDR_LC (BLDG 10)	CABLE	In	0	0	0	0	0	0	0	0
FDR_PB (BLDG 10)	CABLE	In	0	0	0	0	0	0	0	0
FDR_PC (BLDG 10)	CABLE	In	0	0	0	0	0	0	0	0
FDR_PE (BLDG 10)	CABLE	In	0	0	0	0	0	0	0	0
FDR_LA (BLDG 10)	CABLE	In	0	0	0	0	0	0	0	0
FDR_PD (BLDG 10)	CABLE	In	0	0	0	0	0	0	0	0
FDR_PLUMB-SHOP-BUS-DUCT	CABLE	In	0	0	0	0	0	0	0	0
FDR_PF (BLDG 10)	CABLE	In	172	85	152	149	184	89	161	159
FDR_MDP (BLDG 10)	CABLE	In	10,442	7,798	9,893	9,043	11,118	8,090	10,451	9,629
MDP-BLDG 5			**10,062**	**9,199**	**9,823**	**8,714**	**12,014**	**10,783**	**11,639**	**10,404**
FDR_LP1 (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-LP4 (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
FDR_INCINERATOR	CABLE	In	0	0	0	0	0	0	0	0
FDR_XFMR-LP2 (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
FDR_LP3 (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
FDR_MDP-BLDG 5_MAIN-B	CABLE	In	0	0	0	0	0	0	0	0
FDR_EMCC (BLDG 5)	CABLE	In	1,954	1,191	1,724	1,692	2,333	1,396	2,043	2,020
FDR_MDP-BLDG 5_MAIN-A	CABLE	In	8,108	8,008	8,183	7,022	9,681	9,387	9,696	8,384
P-1 (BLDG 17)			**4,135**	**2,645**	**3,839**	**3,581**	**4,137**	**2,645**	**3,841**	**3,583**
FDR_P-2 (BLDG 17)	CABLE	In	0	0	0	0	0	0	0	0
FDR_P-1 (BLDG 17)	CABLE	In	4,135	2,645	3,839	3,581	4,137	2,645	3,841	3,583
P-1 (BLDG 174)			**3,062**	**2,627**	**3,069**	**2,652**	**3,143**	**2,655**	**3,129**	**2,722**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_P-1 (BLDG 174)	CABLE	In	3,062	2,627	3,069	2,652	3,143	2,655	3,129	2,722
P-1 (BLDG 191)				**3,546**	**2,288**	**3,302**	**3,071**	**3,548**	**2,288**	**3,303**	**3,073**
	FDR_HEATER (BLDG 191)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 191)	CABLE	In	3,546	2,288	3,302	3,071	3,548	2,288	3,303	3,073
P-1 (BLDG 192)				**4,124**	**2,692**	**3,854**	**3,572**	**4,127**	**2,693**	**3,856**	**3,574**
	FDR_HEATER (BLDG 192)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 192)	CABLE	In	4,124	2,692	3,854	3,572	4,127	2,693	3,856	3,574
P-1 (BLDG 193)				**4,167**	**2,653**	**3,878**	**3,609**	**4,168**	**2,653**	**3,879**	**3,609**
	FDR_HEATER (BLDG 193)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-2 (BLDG 193)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 193)	CABLE	In	4,167	2,653	3,878	3,609	4,168	2,653	3,879	3,609
P-1 (BLDG 194)				**7,108**	**4,957**	**6,773**	**6,156**	**7,129**	**4,960**	**6,787**	**6,174**
	FDR_HEATER (BLDG 194)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 194)	CABLE	In	7,108	4,957	6,773	6,156	7,129	4,960	6,787	6,174
P-1 (BLDG 195)				**9,408**	**6,948**	**9,108**	**8,148**	**9,477**	**6,960**	**9,155**	**8,207**
	FDR_HEATER (BLDG 195)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 195)	CABLE	In	9,408	6,948	9,108	8,148	9,477	6,960	9,155	8,207
P-1 (BLDG 196)				**6,097**	**4,154**	**5,770**	**5,280**	**6,108**	**4,155**	**5,778**	**5,290**
	FDR_P-1 (BLDG 196)	CABLE	In	6,097	4,154	5,770	5,280	6,108	4,155	5,778	5,290
P-1 (BLDG 197)				**7,978**	**5,683**	**7,647**	**6,909**	**8,011**	**5,688**	**7,670**	**6,938**
	FDR_P-1 (BLDG 197)	CABLE	In	7,978	5,683	7,647	6,909	8,011	5,688	7,670	6,938
P-1 (BLDG 199)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 199)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 200)				**6,097**	**4,154**	**5,770**	**5,280**	**6,108**	**4,155**	**5,778**	**5,290**
	FDR_P-1 (BLDG 200)	CABLE	In	6,097	4,154	5,770	5,280	6,108	4,155	5,778	5,290
P-1 (BLDG 201)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 201)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 202)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 202)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 203)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 203)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 204)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
	FDR_P-1 (BLDG 204)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 205)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 205)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 206)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 206)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 207)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 207)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 208)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 208)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 209)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 209)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 210)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 210)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 211)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 211)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 212)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 212)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 213)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 213)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 214)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 214)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 215)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 215)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 216)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 216)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 217)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 217)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 218)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 218)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 219)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 219)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
P-1 (BLDG 220)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 220)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 221)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 221)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 222)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 222)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 223)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 223)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 224)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 224)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 225)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 225)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_P-1 (BLDG 226)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 226)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 226)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 230)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 230)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 231)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 231)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 232)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 232)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 233)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 233)	CABLE	In	0	0	0	0	0	0	0	0
P-1 (BLDG 234)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-1 (BLDG 234)	CABLE	In	0	0	0	0	0	0	0	0
P-2 (BLDG 17)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_P-2 (BLDG 17)	CABLE	In	0	0	0	0	0	0	0	0
P-2 (BLDG 193)				**1,928**	**1,159**	**1,757**	**1,670**	**1,928**	**1,159**	**1,757**	**1,670**
	FDR_P-2 (BLDG 193)	CABLE	In	1,928	1,159	1,757	1,670	1,928	1,159	1,757	1,670
P-3M.1 (BLDG 20)				**17,160**	**12,030**	**16,296**	**14,861**	**17,901**	**12,237**	**16,871**	**15,503**
	MTR_P-3M.1 (BLDG 20)	IND-MTR	In	1,568	733	1,389	1,358	1,636	745	1,438	1,417

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_P-3M.1 (BLDG 20)	CABLE	In	15,650	11,324	14,912	13,553	16,325	11,518	15,437	14,138
P-3M.2 (BLDG 20)			**18,397**	**13,081**	**17,515**	**15,932**	**19,242**	**13,325**	**18,171**	**16,664**
MTR_P-3M.2 (BLDG 20)	IND-MTR	In	1,568	743	1,390	1,358	1,640	757	1,442	1,420
FDR_P-3M.2 (BLDG 20)	CABLE	In	16,883	12,363	16,128	14,621	17,658	12,593	16,732	15,293
P-3M.3 (BLDG 20)			**19,019**	**13,555**	**18,101**	**16,471**	**19,925**	**13,824**	**18,807**	**17,256**
MTR_P-3M.3 (BLDG 20)	IND-MTR	In	1,568	745	1,389	1,358	1,643	760	1,444	1,423
FDR_P-3M.3 (BLDG 20)	CABLE	In	17,503	12,833	16,714	15,158	18,337	13,088	17,366	15,880
P4LBD1 (BLDG 20)			**12,545**	**8,573**	**11,785**	**10,864**	**12,783**	**8,638**	**11,969**	**11,070**
FDR_XFMR-T5 (R2LBD1)	CABLE	In	0	0	0	0	0	0	0	0
FDR_P4LBD1 (BLDG 20)	CABLE	In	12,545	8,573	11,785	10,864	12,783	8,638	11,969	11,070
PANEL B (BLDG 125)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FDR_PANEL B (BLDG 125)	CABLE	In	0	0	0	0	0	0	0	0
FDR_PANEL C (BLDG 125)	CABLE	In	0	0	0	0	0	0	0	0
PANEL C (BLDG 125)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FDR_PANEL C (BLDG 125)	CABLE	In	0	0	0	0	0	0	0	0
PB (BLDG 10)			**2,401**	**1,457**	**2,196**	**2,080**	**2,401**	**1,457**	**2,196**	**2,080**
FDR_CARPENTER-SHOP-BD	CABLE	In	0	0	0	0	0	0	0	0
FDR_PB (BLDG 10)	CABLE	In	2,401	1,457	2,196	2,080	2,401	1,457	2,196	2,080
PC (BLDG 10)			**1,093**	**647**	**988**	**947**	**1,093**	**647**	**988**	**947**
FDR_BUS-DUCT	CABLE	In	0	0	0	0	0	0	0	0
FDR_PLASMA-CUTTER	CABLE	In	0	0	0	0	0	0	0	0
FDR_PC (BLDG 10)	CABLE	In	1,093	647	988	947	1,093	647	988	947
PD (BLDG 10)			**2,681**	**1,691**	**2,476**	**2,322**	**2,683**	**1,692**	**2,477**	**2,323**
FDR_PD (BLDG 10)	CABLE	In	2,681	1,691	2,476	2,322	2,683	1,692	2,477	2,323
PE (BLDG 10)			**923**	**544**	**833**	**800**	**923**	**544**	**833**	**800**
FDR_NORTH-BUS-DUCT	CABLE	In	0	0	0	0	0	0	0	0
FDR_SOUTH-BUS-DUCT	CABLE	In	0	0	0	0	0	0	0	0
FDR_PE (BLDG 10)	CABLE	In	923	544	833	800	923	544	833	800
PF (BLDG 10)			**3,673**	**2,305**	**3,414**	**3,181**	**3,680**	**2,306**	**3,419**	**3,187**
FDR_FURNACE-DS	CABLE	In	0	0	0	0	0	0	0	0
FDR_WELDING-REC1	CABLE	In	0	0	0	0	0	0	0	0
FDR_AIR-COMPRESSOR	CABLE	In	177	74	156	153	177	74	156	154

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_PF (BLDG 10)	CABLE	In	3,521	2,242	3,269	3,049	3,528	2,242	3,274	3,055
PP-1 (BLDG 151)				**4,745**	**3,062**	**4,478**	**4,109**	**4,745**	**3,062**	**4,478**	**4,109**
	FDR_PP-1 (BLDG 151)	CABLE	In	4,745	3,062	4,478	4,109	4,745	3,062	4,478	4,109
PP1-1-1 (BLDG 9)				**10,119**	**10,310**	**10,592**	**8,763**	**11,529**	**11,398**	**11,871**	**9,985**
	FDR_PP1-1-1 (BLDG 9)	CABLE	In	10,119	10,310	10,592	8,763	11,529	11,398	11,871	9,985
PP1-1-2 (BLDG 9)				**10,142**	**10,356**	**10,586**	**8,783**	**11,621**	**11,542**	**11,947**	**10,064**
	FDR_PP1-1-2 (BLDG 9)	CABLE	In	10,142	10,356	10,586	8,783	11,621	11,542	11,947	10,064
PP1-1-3 (BLDG 9)				**10,119**	**10,310**	**10,592**	**8,763**	**11,529**	**11,398**	**11,871**	**9,985**
	FDR_PP1-1-3 (BLDG 9)	CABLE	In	10,119	10,310	10,592	8,763	11,529	11,398	11,871	9,985
PP1-1-4 (BLDG 9)				**10,119**	**10,310**	**10,592**	**8,763**	**11,529**	**11,398**	**11,871**	**9,985**
	FDR_PP1-1-4 (BLDG 9)	CABLE	In	10,119	10,310	10,592	8,763	11,529	11,398	11,871	9,985
PP1-1-5 (BLDG 9)				**10,119**	**10,310**	**10,592**	**8,763**	**11,529**	**11,398**	**11,871**	**9,985**
	FDR_PP1-1-5 (BLDG 9)	CABLE	In	10,119	10,310	10,592	8,763	11,529	11,398	11,871	9,985
PP1-2-4 (BLDG 9)				**1,947**	**1,950**	**1,978**	**1,686**	**2,091**	**2,077**	**2,115**	**1,810**
	FDR_PP1-2-4 (BLDG 9)	CABLE	In	1,947	1,950	1,978	1,686	2,091	2,077	2,115	1,810
PP2-1-3 (BLDG 9)				**10,460**	**10,589**	**10,859**	**9,058**	**11,905**	**11,738**	**12,185**	**10,310**
	FDR_PP2-1-3 (BLDG 9)	CABLE	In	10,460	10,589	10,859	9,058	11,905	11,738	12,185	10,310
PP2-1-4 (BLDG 9)				**10,460**	**10,589**	**10,859**	**9,058**	**11,905**	**11,738**	**12,185**	**10,310**
	FDR_PP2-1-4 (BLDG 9)	CABLE	In	10,460	10,589	10,859	9,058	11,905	11,738	12,185	10,310
PP3-1-1 (BLDG 9)				**5,778**	**4,637**	**5,687**	**5,004**	**5,974**	**4,697**	**5,833**	**5,174**
	FDR_PP3-1-1 (BLDG 9)	CABLE	In	5,778	4,637	5,687	5,004	5,974	4,697	5,833	5,174
PP3-1-2 (BLDG 9)				**9,265**	**8,996**	**9,673**	**8,024**	**10,153**	**9,498**	**10,399**	**8,792**
	FDR_PP3-1-2 (BLDG 9)	CABLE	In	9,265	8,996	9,673	8,024	10,153	9,498	10,399	8,792
PP3-1-3 (BLDG 9)				**7,428**	**6,426**	**7,552**	**6,433**	**7,726**	**6,517**	**7,765**	**6,691**
	FDR_PP3-1-3 (BLDG 9)	CABLE	In	7,428	6,426	7,552	6,433	7,726	6,517	7,765	6,691
PP3-1-4 (BLDG 9)				**7,428**	**6,426**	**7,552**	**6,433**	**7,726**	**6,517**	**7,765**	**6,691**
	FDR_PP3-1-4 (BLDG 9)	CABLE	In	7,428	6,426	7,552	6,433	7,726	6,517	7,765	6,691
PP3-1-5 (BLDG 9)				**7,428**	**6,426**	**7,552**	**6,433**	**7,726**	**6,517**	**7,765**	**6,691**
	FDR_PP3-1-5 (BLDG 9)	CABLE	In	7,428	6,426	7,552	6,433	7,726	6,517	7,765	6,691
PP3-2-5 (BLDG 9)				**97**	**87**	**93**	**84**	**134**	**121**	**129**	**116**
	FDR_PP3-2-5 (BLDG 9)	CABLE	In	97	87	93	84	134	121	129	116

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
PP4-1-4 (BLDG 9)				**10,318**	**10,446**	**10,759**	**8,936**	**11,736**	**11,533**	**12,042**	**10,164**
	FDR_PP4-1-4 (BLDG 9)	CABLE	In	10,318	10,446	10,759	8,936	11,736	11,533	12,042	10,164
PP-UPS-1 (BLDG 9)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_PP-UPS1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
PP-UPS-2 (BLDG 9)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_PP-UPS2 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
R2A1A1 (BLDG 20)				**3,727**	**3,847**	**3,795**	**3,227**	**3,944**	**4,073**	**4,017**	**3,415**
	FDR_R2A1A3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A1A2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A1A1 (BLDG 20)	CABLE	In	3,727	3,847	3,795	3,227	3,944	4,073	4,017	3,415
R2A1A2 (BLDG 20)				**3,692**	**3,787**	**3,762**	**3,197**	**3,893**	**3,985**	**3,963**	**3,372**
	FDR_STAIRWELL-REC1	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A1A2 (BLDG 20)	CABLE	In	3,692	3,787	3,762	3,197	3,893	3,985	3,963	3,372
R2A1A3 (BLDG 20)				**2,424**	**1,966**	**2,416**	**2,099**	**2,435**	**1,968**	**2,422**	**2,108**
	FDR_R2A1A3 (BLDG 20)	CABLE	In	2,424	1,966	2,416	2,099	2,435	1,968	2,422	2,108
R2A1B1 (BLDG 20)				**6,279**	**6,803**	**6,808**	**5,438**	**6,713**	**7,167**	**7,211**	**5,813**
	FDR_R2A1B1 (BLDG 20)	CABLE	In	6,279	6,803	6,808	5,438	6,713	7,167	7,211	5,813
R2A1B2 (BLDG 20)				**3,923**	**3,138**	**3,956**	**3,397**	**3,934**	**3,139**	**3,963**	**3,407**
	FDR_R2A1B2 (BLDG 20)	CABLE	In	3,923	3,138	3,956	3,397	3,934	3,139	3,963	3,407
R2A1B3 (BLDG 20)				**6,093**	**6,441**	**6,632**	**5,277**	**6,427**	**6,663**	**6,912**	**5,566**
	FDR_R2A1B3 (BLDG 20)	CABLE	In	6,093	6,441	6,632	5,277	6,427	6,663	6,912	5,566
R2A1B4 (BLDG 20)				**3,923**	**3,138**	**3,956**	**3,397**	**3,934**	**3,139**	**3,963**	**3,407**
	FDR_R2A1B4 (BLDG 20)	CABLE	In	3,923	3,138	3,956	3,397	3,934	3,139	3,963	3,407
R2A1B5 (BLDG 20)				**6,021**	**6,302**	**6,554**	**5,214**	**6,322**	**6,485**	**6,797**	**5,475**
	FDR_STAIRWELL-REC	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2A1B5 (BLDG 20)	CABLE	In	6,021	6,302	6,554	5,214	6,322	6,485	6,797	5,475
R2A2A1 (BLDG 20)				**7,270**	**6,997**	**7,618**	**6,296**	**7,661**	**7,184**	**7,920**	**6,634**
	FDR_R2A2A1 (BLDG 20)	CABLE	In	7,270	6,997	7,618	6,296	7,661	7,184	7,920	6,634
R2A2A2 (BLDG 20)				**7,136**	**6,782**	**7,469**	**6,180**	**7,474**	**6,929**	**7,723**	**6,473**
	FDR_R2A2A2 (BLDG 20)	CABLE	In	7,136	6,782	7,469	6,180	7,474	6,929	7,723	6,473
R2A2A3 (BLDG 20)				**3,897**	**2,830**	**3,792**	**3,375**	**3,903**	**2,830**	**3,796**	**3,380**
	FDR_R2A2A3 (BLDG 20)	CABLE	In	3,897	2,830	3,792	3,375	3,903	2,830	3,796	3,380

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
R2A2A4 (BLDG 20)				**7,005**	**6,577**	**7,320**	**6,066**	**7,299**	**6,692**	**7,536**	**6,321**
	FDR_R2A2A4 (BLDG 20)	CABLE	In	7,005	6,577	7,320	6,066	7,299	6,692	7,536	6,321
R2A2B1 (BLDG 20)				**6,667**	**7,145**	**7,206**	**5,774**	**7,137**	**7,520**	**7,633**	**6,181**
	FDR_R2A2B1 (BLDG 20)	CABLE	In	6,667	7,145	7,206	5,774	7,137	7,520	7,633	6,181
R2A2B2 (BLDG 20)				**6,583**	**6,983**	**7,130**	**5,701**	**7,003**	**7,287**	**7,495**	**6,065**
	FDR_R2A2B2 (BLDG 20)	CABLE	In	6,583	6,983	7,130	5,701	7,003	7,287	7,495	6,065
R2A2B3 (BLDG 20)				**6,459**	**6,746**	**7,004**	**5,594**	**6,815**	**6,969**	**7,296**	**5,902**
	FDR_R2A2B3 (BLDG 20)	CABLE	In	6,459	6,746	7,004	5,594	6,815	6,969	7,296	5,902
R2A3A1 (BLDG 20)				**5,178**	**4,859**	**5,332**	**4,484**	**5,405**	**4,969**	**5,510**	**4,681**
	FDR_R2A3A1 (BLDG 20)	CABLE	In	5,178	4,859	5,332	4,484	5,405	4,969	5,510	4,681
R2A3A2 (BLDG 20)				**5,124**	**4,776**	**5,275**	**4,437**	**5,332**	**4,871**	**5,436**	**4,617**
	FDR_R2A3A2 (BLDG 20)	CABLE	In	5,124	4,776	5,275	4,437	5,332	4,871	5,436	4,617
R2A3A3 (BLDG 20)				**5,070**	**4,694**	**5,219**	**4,391**	**5,261**	**4,776**	**5,364**	**4,556**
	FDR_R2A3A3 (BLDG 20)	CABLE	In	5,070	4,694	5,219	4,391	5,261	4,776	5,364	4,556
R2A3B1 (BLDG 20)				**3,980**	**4,044**	**4,105**	**3,447**	**4,298**	**4,311**	**4,403**	**3,722**
	FDR_R2A3B1 (BLDG 20)	CABLE	In	3,980	4,044	4,105	3,447	4,298	4,311	4,403	3,722
R2A3B2 (BLDG 20)				**3,951**	**3,993**	**4,084**	**3,422**	**4,248**	**4,231**	**4,356**	**3,679**
	FDR_R2A3B2 (BLDG 20)	CABLE	In	3,951	3,993	4,084	3,422	4,248	4,231	4,356	3,679
R2A3B3 (BLDG 20)				**3,922**	**3,943**	**4,061**	**3,396**	**4,200**	**4,155**	**4,311**	**3,637**
	FDR_R2A3B3 (BLDG 20)	CABLE	In	3,922	3,943	4,061	3,396	4,200	4,155	4,311	3,637
R2APA1 (BLDG 20)				**1,830**	**1,863**	**1,856**	**1,585**	**1,924**	**1,962**	**1,953**	**1,666**
	FDR_R2APA1 (BLDG 20)	CABLE	In	1,830	1,863	1,856	1,585	1,924	1,962	1,953	1,666
R2L1A1 (BLDG 20)-SEC1				**4,331**	**4,433**	**4,396**	**3,751**	**4,817**	**4,920**	**4,884**	**4,172**
	FDR_R2L1A1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2L1A1 (BLDG 20)-SEC1	CABLE	In	4,331	4,433	4,396	3,751	4,817	4,920	4,884	4,172
R2L1A1 (BLDG 20)-SEC2				**4,311**	**4,400**	**4,378**	**3,734**	**4,787**	**4,869**	**4,852**	**4,145**
	FDR_R2L1A1 (BLDG 20)-SEC2	CABLE	In	4,311	4,400	4,378	3,734	4,787	4,869	4,852	4,145
R2L1B1 (BLDG 20)-SEC1				**4,115**	**4,270**	**4,200**	**3,563**	**4,529**	**4,702**	**4,624**	**3,922**
	FDR_R2L1B1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
	FDR_R2L1B1 (BLDG 20)-SEC1	CABLE	In	4,115	4,270	4,200	3,563	4,529	4,702	4,624	3,922
R2L1B1 (BLDG 20)-SEC2				**4,096**	**4,240**	**4,178**	**3,547**	**4,502**	**4,655**	**4,590**	**3,899**
	FDR_R2L1B1 (BLDG 20)-SEC2	CABLE	In	4,096	4,240	4,178	3,547	4,502	4,655	4,590	3,899

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
R2L1C1 (BLDG 20)-SEC1				**4,154**	**4,307**	**4,242**	**3,598**	**4,606**	**4,771**	**4,701**	**3,989**
FDR_R2L1C1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L1C1 (BLDG 20)-SEC1	CABLE	In		4,154	4,307	4,242	3,598	4,606	4,771	4,701	3,989
R2L1C1 (BLDG 20)-SEC2				**4,136**	**4,276**	**4,225**	**3,581**	**4,578**	**4,723**	**4,671**	**3,965**
FDR_R2L1C1A (BLDG 20)	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L1C1 (BLDG 20)-SEC2	CABLE	In		4,136	4,276	4,225	3,581	4,578	4,723	4,671	3,965
R2L1C1A (BLDG 20)				**3,956**	**3,968**	**4,106**	**3,426**	**4,252**	**4,185**	**4,369**	**3,682**
FDR_R2L1C1A (BLDG 20)	CABLE	In		3,956	3,968	4,106	3,426	4,252	4,185	4,369	3,682
R2L1D1 (BLDG 20)-SEC1				**3,941**	**4,135**	**4,056**	**3,413**	**4,350**	**4,558**	**4,473**	**3,767**
FDR_R2L1D1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L1D1 (BLDG 20)	CABLE	In		3,941	4,135	4,056	3,413	4,350	4,558	4,473	3,767
R2L1D1 (BLDG 20)-SEC2				**3,923**	**4,105**	**4,040**	**3,398**	**4,322**	**4,510**	**4,444**	**3,743**
FDR_R2L1D1 (BLDG 20)-SEC2	CABLE	In		3,923	4,105	4,040	3,398	4,322	4,510	4,444	3,743
R2L2A1 (BLDG 20)-SEC1				**4,330**	**4,394**	**4,395**	**3,750**	**4,809**	**4,854**	**4,868**	**4,164**
FDR_R2L2A1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L2A1 (BLDG 20)-SEC1	CABLE	In		4,330	4,394	4,395	3,750	4,809	4,854	4,868	4,164
R2L2A1 (BLDG 20)-SEC2				**4,290**	**4,330**	**4,358**	**3,715**	**4,748**	**4,755**	**4,804**	**4,112**
FDR_R2L2A1 (BLDG 20)-SEC2	CABLE	In		4,290	4,330	4,358	3,715	4,748	4,755	4,804	4,112
R2L2B1 (BLDG 20)-SEC1				**4,116**	**4,245**	**4,196**	**3,564**	**4,525**	**4,658**	**4,608**	**3,919**
FDR_R2L2B1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L2B1 (BLDG 20)-SEC1	CABLE	In		4,116	4,245	4,196	3,564	4,525	4,658	4,608	3,919
R2L2B1 (BLDG 20)-SEC2				**4,070**	**4,170**	**4,153**	**3,525**	**4,459**	**4,546**	**4,538**	**3,861**
FDR_R2L2B1 (BLDG 20)-SEC2	CABLE	In		4,070	4,170	4,153	3,525	4,459	4,546	4,538	3,861
R2L2C1 (BLDG 20)-SEC1				**4,167**	**4,281**	**4,254**	**3,608**	**4,617**	**4,722**	**4,702**	**3,998**
FDR_R2L2C1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L2C1 (BLDG 20)-SEC1	CABLE	In		4,167	4,281	4,254	3,608	4,617	4,722	4,702	3,998
R2L2C1 (BLDG 20)-SEC2				**4,120**	**4,205**	**4,210**	**3,568**	**4,547**	**4,606**	**4,627**	**3,938**
FDR_R2L2C1 (BLDG 20)-SEC2	CABLE	In		4,120	4,205	4,210	3,568	4,547	4,606	4,627	3,938
R2L2D1 (BLDG 20)-SEC1				**3,885**	**4,014**	**3,997**	**3,364**	**4,256**	**4,367**	**4,362**	**3,686**
FDR_R2L2D1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L2D1 (BLDG 20)-SEC1	CABLE	In		3,885	4,014	3,997	3,364	4,256	4,367	4,362	3,686
R2L2D1 (BLDG 20)-SEC2				**3,844**	**3,946**	**3,957**	**3,329**	**4,197**	**4,270**	**4,299**	**3,635**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_R2L2D1 (BLDG 20)-SEC2	CABLE	In		3,844	3,946	3,957	3,329	4,197	4,270	4,299	3,635
R2L3A1 (BLDG 20)-SEC1				**4,278**	**4,377**	**4,345**	**3,705**	**4,737**	**4,834**	**4,805**	**4,102**
FDR_R2L3A1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L3A1 (BLDG 20)-SEC1	CABLE	In		4,278	4,377	4,345	3,705	4,737	4,834	4,805	4,102
R2L3A1 (BLDG 20)-SEC2				**4,239**	**4,313**	**4,308**	**3,671**	**4,678**	**4,736**	**4,743**	**4,052**
FDR_R2L3A1 (BLDG 20)-SEC2	CABLE	In		4,239	4,313	4,308	3,671	4,678	4,736	4,743	4,052
R2L3B1 (BLDG 20)-SEC1				**4,118**	**4,264**	**4,199**	**3,567**	**4,531**	**4,689**	**4,618**	**3,924**
FDR_R2L3B1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L3B1 (BLDG 20)-SEC1	CABLE	In		4,118	4,264	4,199	3,567	4,531	4,689	4,618	3,924
R2L3B1 (BLDG 20)-SEC2				**4,082**	**4,203**	**4,164**	**3,535**	**4,478**	**4,598**	**4,561**	**3,878**
FDR_R2L3B1 (BLDG 20)-SEC2	CABLE	In		4,082	4,203	4,164	3,535	4,478	4,598	4,561	3,878
R2L3C1 (BLDG 20)-SEC1				**4,168**	**4,300**	**4,257**	**3,610**	**4,625**	**4,756**	**4,715**	**4,005**
FDR_R2L3C1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L3C1 (BLDG 20)-SEC1	CABLE	In		4,168	4,300	4,257	3,610	4,625	4,756	4,715	4,005
R2L3C1 (BLDG 20)-SEC2				**4,095**	**4,179**	**4,187**	**3,546**	**4,514**	**4,571**	**4,596**	**3,910**
FDR_R2L3C1 (BLDG 20)-SEC2	CABLE	In		4,095	4,179	4,187	3,546	4,514	4,571	4,596	3,910
R2L3D1 (BLDG 20)-SEC1				**3,930**	**4,119**	**4,042**	**3,403**	**4,326**	**4,528**	**4,446**	**3,747**
FDR_R2L3D1 (BLDG 20)-SEC2	CABLE	In		0	0	0	0	0	0	0	0
FDR_R2L3D1 (BLDG 20)-SEC1	CABLE	In		3,930	4,119	4,042	3,403	4,326	4,528	4,446	3,747
R2L3D1 (BLDG 20)-SEC2				**3,888**	**4,049**	**4,002**	**3,367**	**4,266**	**4,422**	**4,380**	**3,694**
FDR_R2L3D1 (BLDG 20)-SEC2	CABLE	In		3,888	4,049	4,002	3,367	4,266	4,422	4,380	3,694
R2LBA1 (BLDG 20)				**4,919**	**3,801**	**4,863**	**4,260**	**4,951**	**3,805**	**4,883**	**4,288**
FDR_R2LBA1 (BLDG 20)	CABLE	In		4,919	3,801	4,863	4,260	4,951	3,805	4,883	4,288
R2LBA2 (BLDG 20)				**8,212**	**8,202**	**8,537**	**7,112**	**8,979**	**8,747**	**9,212**	**7,776**
FDR_R2LBA2 (BLDG 20)	CABLE	In		8,212	8,202	8,537	7,112	8,979	8,747	9,212	7,776
R2LBA3 (BLDG 20)				**8,505**	**8,693**	**8,791**	**7,366**	**9,496**	**9,551**	**9,730**	**8,224**
FDR_R2LBA3 (BLDG 20)	CABLE	In		8,505	8,693	8,791	7,366	9,496	9,551	9,730	8,224
R2LBC1 (BLDG 20)				**5,923**	**5,200**	**5,993**	**5,129**	**6,143**	**5,280**	**6,157**	**5,320**
FDR_R2LBC1 (BLDG 20)	CABLE	In		5,923	5,200	5,993	5,129	6,143	5,280	6,157	5,320
R2LBC2 (BLDG 20)				**5,769**	**4,994**	**5,828**	**4,996**	**5,950**	**5,053**	**5,960**	**5,153**
FDR_R2LBC2 (BLDG 20)	CABLE	In		5,769	4,994	5,828	4,996	5,950	5,053	5,960	5,153
R2LBC3 (BLDG 20)				**5,680**	**4,876**	**5,731**	**4,919**	**5,841**	**4,926**	**5,847**	**5,058**

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_R2LBC3 (BLDG 20)	CABLE	In	5,680	4,876	5,731	4,919	5,841	4,926	5,847	5,058
R2LBD1 (BLDG 20)			**5,372**	**5,675**	**5,571**	**4,653**	**5,828**	**6,176**	**6,055**	**5,047**
FDR_R2LBD1 (BLDG 20)	CABLE	In	5,372	5,675	5,571	4,653	5,828	6,176	6,055	5,047
R2LBD2 (BLDG 20)-SEC1			**2,779**	**2,840**	**2,815**	**2,407**	**3,027**	**3,095**	**3,067**	**2,621**
FDR_R2LBD2 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2LBD2 (BLDG 20)-SEC1	CABLE	In	2,779	2,840	2,815	2,407	3,027	3,095	3,067	2,621
R2LBD2 (BLDG 20)-SEC2			**2,769**	**2,824**	**2,799**	**2,398**	**3,011**	**3,070**	**3,043**	**2,608**
FDR_R2LBD2 (BLDG 20)-SEC2	CABLE	In	2,769	2,824	2,799	2,398	3,011	3,070	3,043	2,608
R2LPA1 (BLDG 20)-SEC1			**5,952**	**6,074**	**6,064**	**5,155**	**6,617**	**6,713**	**6,720**	**5,731**
FDR_R2LPA1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2LPA1 (BLDG 20)-SEC1	CABLE	In	5,952	6,074	6,064	5,155	6,617	6,713	6,720	5,731
R2LPA1 (BLDG 20)-SEC2			**5,873**	**5,946**	**5,993**	**5,086**	**6,492**	**6,508**	**6,590**	**5,622**
FDR_R2LPA1 (BLDG 20)-SEC2	CABLE	In	5,873	5,946	5,993	5,086	6,492	6,508	6,590	5,622
R2LPB1 (BLDG 20)-SEC1			**5,792**	**5,960**	**5,913**	**5,016**	**6,403**	**6,563**	**6,523**	**5,545**
FDR_R2LPB1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2LPB1 (BLDG 20)-SEC1	CABLE	In	5,792	5,960	5,913	5,016	6,403	6,563	6,523	5,545
R2LPB1 (BLDG 20)-SEC2			**5,698**	**5,805**	**5,828**	**4,935**	**6,258**	**6,321**	**6,372**	**5,419**
FDR_R2LPB1 (BLDG 20)-SEC2	CABLE	In	5,698	5,805	5,828	4,935	6,258	6,321	6,372	5,419
R2LPC1 (BLDG 20)-SEC1			**5,743**	**5,927**	**5,862**	**4,974**	**6,322**	**6,509**	**6,445**	**5,475**
FDR_R2LPC1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2LPC1 (BLDG 20)-SEC1	CABLE	In	5,743	5,927	5,862	4,974	6,322	6,509	6,445	5,475
R2LPC1 (BLDG 20)-SEC2			**5,669**	**5,803**	**5,795**	**4,909**	**6,210**	**6,317**	**6,327**	**5,378**
FDR_R2LPC1 (BLDG 20)-SEC2	CABLE	In	5,669	5,803	5,795	4,909	6,210	6,317	6,327	5,378
R2LPD1 (BLDG 20)-SEC1			**5,692**	**5,855**	**5,831**	**4,930**	**6,282**	**6,423**	**6,414**	**5,441**
FDR_R2LPD1 (BLDG 20)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2LPD1 (BLDG 20)-SEC1	CABLE	In	5,692	5,855	5,831	4,930	6,282	6,423	6,414	5,441
R2LPD1 (BLDG 20)-SEC2			**5,619**	**5,735**	**5,764**	**4,867**	**6,171**	**6,237**	**6,296**	**5,344**
FDR_R2LPD1 (BLDG 20)-SEC2	CABLE	In	5,619	5,735	5,764	4,867	6,171	6,237	6,296	5,344
R2S11 (BLDG 24)-SEC1			**6,925**	**5,998**	**7,025**	**5,997**	**7,086**	**6,045**	**7,139**	**6,137**
FDR_R2S11 (BLDG 24)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2S11 (BLDG 24)-SEC1	CABLE	In	6,925	5,998	7,025	5,997	7,086	6,045	7,139	6,137
R2S11 (BLDG 24)-SEC2			**6,865**	**5,923**	**6,957**	**5,945**	**7,021**	**5,968**	**7,066**	**6,080**

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_R2S11 (BLDG 24)-SEC2	CABLE	In	6,865	5,923	6,957	5,945	7,021	5,968	7,066	6,080
R2S12 (BLDG 24)-SEC1			**4,137**	**2,888**	**3,984**	**3,583**	**4,139**	**2,888**	**3,985**	**3,584**
FDR_R2S12 (BLDG 24)-SEC2	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2S12 (BLDG 24)-SEC1	CABLE	In	4,137	2,888	3,984	3,583	4,139	2,888	3,985	3,584
R2S12 (BLDG 24)-SEC2			**4,092**	**2,849**	**3,937**	**3,544**	**4,093**	**2,849**	**3,938**	**3,545**
FDR_R2S12 (BLDG 24)-SEC2	CABLE	In	4,092	2,849	3,937	3,544	4,093	2,849	3,938	3,545
R2S13 (BLDG 24)			**9,472**	**9,656**	**10,235**	**8,203**	**9,963**	**9,916**	**10,616**	**8,628**
FDR_R2S13 (BLDG 24)	CABLE	In	9,472	9,656	10,235	8,203	9,963	9,916	10,616	8,628
R2S14 (BLDG 24)			**9,472**	**9,656**	**10,235**	**8,203**	**9,963**	**9,916**	**10,616**	**8,628**
FDR_R2S14 (BLDG 24)	CABLE	In	9,472	9,656	10,235	8,203	9,963	9,916	10,616	8,628
R2S15 (BLDG 24)			**3,919**	**2,704**	**3,759**	**3,394**	**3,920**	**2,704**	**3,759**	**3,395**
FDR_SS-P1 (STORAGE SHED)	CABLE	In	0	0	0	0	0	0	0	0
FDR_R2S15 (BLDG 24)	CABLE	In	3,919	2,704	3,759	3,394	3,920	2,704	3,759	3,395
RA (BLDG 10)			**1,107**	**660**	**1,004**	**959**	**1,107**	**660**	**1,004**	**959**
FDR_RA (BLDG 10)	CABLE	In	1,107	660	1,004	959	1,107	660	1,005	959
RP1 (NORTH GUARD SHACK)			**4,421**	**4,936**	**4,910**	**3,829**	**4,582**	**5,171**	**5,124**	**3,968**
FDR_RP1A (NORTH GUARD SHACK)	CABLE	In	0	0	0	0	0	0	0	0
FDR_RP1 (NORTH GUARD SHACK)	CABLE	In	4,421	4,936	4,910	3,829	4,582	5,171	5,124	3,968
RP1A (BLDG 7)			**1,061**	**1,068**	**1,065**	**919**	**1,152**	**1,159**	**1,157**	**998**
FDR_RP1A (BLDG 7)	CABLE	In	1,061	1,068	1,065	919	1,152	1,159	1,157	998
RP1A (NORTH GUARD SHACK)			**3,243**	**2,896**	**3,345**	**2,808**	**3,254**	**2,898**	**3,352**	**2,818**
FDR_RP1A (NORTH GUARD SHACK)	CABLE	In	3,243	2,896	3,345	2,808	3,254	2,898	3,352	2,818
RP1B (BLDG 7)			**2,083**	**2,142**	**2,150**	**1,804**	**2,205**	**2,286**	**2,285**	**1,910**
FDR_RP1B (BLDG 7)	CABLE	In	2,083	2,142	2,150	1,804	2,205	2,286	2,285	1,910
RP2 (BLDG 20)			**3,827**	**4,393**	**4,311**	**3,314**	**3,976**	**4,599**	**4,504**	**3,443**
FDR_RP2 (BLDG 20)	CABLE	In	3,827	4,393	4,311	3,314	3,976	4,599	4,504	3,443
RP2A (BLDG 7)			**1,061**	**1,063**	**1,069**	**919**	**1,150**	**1,149**	**1,156**	**996**
FDR_RP2A (BLDG 7)	CABLE	In	1,061	1,063	1,069	919	1,150	1,149	1,156	996
RP2B (BLDG 7)			**1,020**	**1,037**	**1,044**	**884**	**1,074**	**1,099**	**1,102**	**930**
FDR_RP2B (BLDG 7)	CABLE	In	1,020	1,037	1,044	884	1,074	1,099	1,102	930
RP3A (BLDG 7)			**1,056**	**1,060**	**1,063**	**914**	**1,143**	**1,144**	**1,149**	**989**
FDR_RP3A (BLDG 7)	CABLE	In	1,056	1,060	1,063	914	1,143	1,144	1,149	989

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
RP3B (BLDG 7)			**1,004**	**1,023**	**1,029**	**870**	**1,050**	**1,076**	**1,080**	**910**
FDR_RP3B (BLDG 7)	CABLE	In	1,004	1,023	1,029	870	1,050	1,076	1,080	910
RP4A (BLDG 7)			**1,040**	**1,050**	**1,051**	**901**	**1,127**	**1,133**	**1,137**	**976**
FDR_RP4A (BLDG 7)	CABLE	In	1,040	1,050	1,051	901	1,127	1,133	1,137	976
RP4B (BLDG 7)			**991**	**1,016**	**1,021**	**858**	**1,037**	**1,070**	**1,072**	**898**
FDR_RP4B (BLDG 7)	CABLE	In	991	1,016	1,021	858	1,037	1,070	1,072	898
RP5A (BLDG 7)-SEC1			**1,041**	**1,048**	**1,051**	**901**	**1,124**	**1,127**	**1,133**	**973**
FDR_RP5A (BLDG 7)-SEC 2	CABLE	In	0	0	0	0	0	0	0	0
FDR_RP5A (BLDG 7)-SECT 1	CABLE	In	1,041	1,048	1,051	901	1,124	1,127	1,133	973
RP5A (BLDG 7)-SEC2			**1,037**	**1,042**	**1,049**	**898**	**1,118**	**1,117**	**1,128**	**968**
FDR_RP5A (BLDG 7)-SEC 2	CABLE	In	1,037	1,042	1,049	898	1,118	1,117	1,128	968
SB1A (BLDG 20)			**33,126**	**33,261**	**33,726**	**28,688**	**40,510**	**39,887**	**40,831**	**35,083**
PI-0023	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_D4L2C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L1A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_L4A1A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A3A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4LBC1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4LBA1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L1C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L2A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L3A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A2A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L3C1 (BLDG 20)	CABLE	In	457	306	406	396	559	367	492	484
FDR_SB1A (BLDG 20)	CABLE	In	32,668	32,955	33,342	28,292	39,951	39,520	40,366	34,598
SB1B (BLDG 20)			**32,425**	**32,830**	**33,046**	**28,081**	**39,874**	**39,745**	**40,307**	**34,532**
PI-0023	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_ED4LBB1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L3D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L2D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4LBD1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_D4L2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4A1B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L1D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4L1B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4LBB1 (BLDG 20)	CABLE	In	306	207	272	265	377	250	332	326
FDR_SB1B (BLDG 20)	CABLE	In	32,119	32,623	32,791	27,816	39,498	39,495	39,995	34,206
SB2A (BLDG 20)			**39,758**	**38,117**	**39,261**	**34,432**	**48,877**	**46,417**	**48,058**	**42,329**
FDR_M4LBA3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
PI-0024	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_K4A1A (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_M4LBA1 (BLDG 20)	CABLE	In	232	148	204	201	285	180	250	247
FDR_CEN-UPS-MBP (BLDG 20)	CABLE	In	359	326	344	310	441	396	422	382
FDR_M4APA1 (BLDG 20)	CABLE	In	937	599	826	811	1,151	729	1,011	997
FDR_M4LPD2 (BLDG 20)	CABLE	In	2,799	1,789	2,468	2,424	3,441	2,178	3,022	2,980
FDR_M4LPB1 (BLDG 20)	CABLE	In	3,015	1,927	2,659	2,611	3,706	2,346	3,255	3,210
FDR_SB2A (BLDG 20)	CABLE	In	32,456	33,333	33,176	28,080	39,900	40,591	40,610	34,520
SB2B (BLDG 20)			**41,221**	**39,578**	**40,570**	**35,698**	**50,634**	**48,422**	**49,745**	**43,850**
PI-0024	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_D4LBA2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_M4LBC1 (BLDG 20)	CABLE	In	1,470	941	1,295	1,273	1,806	1,151	1,587	1,564
FDR_P-3M.1 (BLDG 20)	CABLE	In	1,484	950	1,306	1,285	1,822	1,162	1,602	1,578
FDR_M4LPC1 (BLDG 20)	CABLE	In	2,558	1,637	2,252	2,215	3,142	2,003	2,762	2,721
FDR_M4LPA2 (BLDG 20)	CABLE	In	2,558	1,637	2,253	2,215	3,142	2,003	2,762	2,721
FDR_SB2B (BLDG 20)	CABLE	In	33,158	34,417	33,974	28,716	40,730	42,108	41,657	35,274
SB3A (BLDG 20)			**41,556**	**39,120**	**40,750**	**35,989**	**50,793**	**47,328**	**49,586**	**43,988**
PI-0025	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_M4LBA4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_D4S11 (BLDG 24)	CABLE	In	658	413	580	570	805	500	706	697
FDR_M4LBD1 (BLDG 20)	CABLE	In	1,114	699	982	965	1,361	846	1,194	1,179
FDR_P-3M.3 (BLDG 20)	CABLE	In	1,497	940	1,319	1,297	1,830	1,137	1,605	1,585
FDR_M4LPA1 (BLDG 20)	CABLE	In	2,779	1,744	2,449	2,407	3,397	2,110	2,980	2,942
FDR_M4LPC2 (BLDG 20)	CABLE	In	2,871	1,802	2,530	2,487	3,510	2,180	3,079	3,039

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_SB3A (BLDG 20)	CABLE	In	32,643	33,526	33,417	28,269	39,898	40,560	40,662	34,553
SB3B (BLDG 20)				**41,683**	**39,988**	**41,079**	**36,099**	**51,124**	**48,741**	**50,240**	**44,275**
	FDR_CEN-UPS-INV (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	PI-0025	PI-EQUI	In	0	0	0	0	0	0	0	0
	FDR_M4LBA2 (BLDG 20)	CABLE	In	231	148	203	200	283	180	249	245
	FDR_M4APB1 (BLDG 20)	CABLE	In	714	457	629	618	876	557	769	758
	FDR_P-3M.2 (BLDG 20)	CABLE	In	1,493	955	1,315	1,293	1,831	1,163	1,609	1,585
	FDR_M4LPB2 (BLDG 20)	CABLE	In	2,667	1,706	2,350	2,310	3,271	2,079	2,875	2,833
	FDR_M4LPD1 (BLDG 20)	CABLE	In	2,964	1,896	2,612	2,567	3,635	2,310	3,194	3,148
	FDR_SB3B (BLDG 20)	CABLE	In	33,619	34,831	34,456	29,115	41,234	42,454	42,141	35,710
SB3S1-A				**11,845**	**10,772**	**12,028**	**10,258**	**13,680**	**11,734**	**13,535**	**11,847**
	PI-0012	PI-EQUI	In	0	0	0	0	0	0	0	0
	FDR_PF-3A	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-3M3	CABLE	In	0	0	0	0	0	0	0	0
	FDR_3PA-SECTION-1	CABLE	In	194	118	174	168	224	128	196	194
	FDR_SB3S1_MAIN-A	CABLE	In	11,651	10,655	11,858	10,090	13,456	11,607	13,343	11,654
SB3S1-B				**11,662**	**10,374**	**11,822**	**10,100**	**13,343**	**11,153**	**13,166**	**11,556**
	PI-0012	PI-EQUI	In	0	0	0	0	0	0	0	0
	FDR_PF-3B	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DP-3D1	CABLE	In	0	0	0	0	0	0	0	0
	FDR_3PB-SECTION-1	CABLE	In	194	115	174	168	222	124	194	192
	FDR_SB3S1_MAIN-B	CABLE	In	11,469	10,259	11,650	9,932	13,122	11,030	12,975	11,364
SB4S1-A				**11,925**	**10,704**	**12,080**	**10,327**	**13,722**	**11,595**	**13,540**	**11,883**
	FDR_PF-4A	CABLE	In	0	0	0	0	0	0	0	0
	PI-0016	PI-EQUI	In	0	0	0	0	0	0	0	0
	FDR_DP-4M3	CABLE	In	0	0	0	0	0	0	0	0
	FDR_4PA	CABLE	In	346	207	311	300	398	224	348	345
	FDR_SB4S1_MAIN-A	CABLE	In	11,579	10,497	11,777	10,028	13,324	11,371	13,200	11,539
SB4S1-B				**11,744**	**10,310**	**11,874**	**10,170**	**13,392**	**11,034**	**13,179**	**11,598**
	FDR_LW (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_PF-4B	CABLE	In	0	0	0	0	0	0	0	0
	PI-0016	PI-EQUI	In	0	0	0	0	0	0	0	0
	FDR_DP-4D1	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_4PB	CABLE	In	346	202	311	300	394	217	345	342
	FDR_SB4S1_MAIN-B	CABLE	In	11,398	10,108	11,569	9,871	12,998	10,818	12,841	11,257
SCHP-1 (BLDG 154)				**42,182**	**33,894**	**41,294**	**36,531**	**45,084**	**34,979**	**43,568**	**39,044**
	MTR_SCHP-1 (BLDG 154)	IND-MTR	In	1,960	1,050	1,747	1,698	2,095	1,084	1,844	1,814
	FDR_SCHP-1 (BLDG 154)	CABLE	In	40,262	32,864	39,547	34,868	43,032	33,917	41,725	37,266
SCHP-4 (BLDG 154)				**42,182**	**33,894**	**41,294**	**36,531**	**45,084**	**34,979**	**43,568**	**39,044**
	MTR_SCHP-4 (BLDG 154)	IND-MTR	In	1,960	1,050	1,747	1,698	2,095	1,084	1,844	1,814
	FDR_SCHP-4 (BLDG 154)	CABLE	In	40,262	32,864	39,547	34,868	43,032	33,917	41,725	37,266
SG-1 (NORTH CAMPUS)				**7,373**	**6,168**	**7,547**	**6,385**	**7,985**	**6,310**	**7,972**	**6,916**
	FDR_SW-174	CABLE	In	3	1	2	2	3	2	3	3
	FDR_SWITCH-S5_C3	CABLE	In	5	3	5	5	6	3	5	5
	FDR_SG-1-MAIN-B	CABLE	In	3,357	2,829	3,463	2,907	3,636	2,894	3,658	3,149
	FDR_SG-1-MAIN-A	CABLE	In	4,008	3,335	4,077	3,471	4,341	3,412	4,307	3,760
SS-P1 (STORAGE SHED)				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_SS-P1 (STORAGE SHED)	CABLE	In	0	0	0	0	0	0	0	0
SW-174				**7,175**	**5,958**	**7,302**	**6,214**	**7,663**	**6,071**	**7,641**	**6,636**
	FDR_TB-174	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-B4 (BLDG 10)	CABLE	In	3	1	2	2	3	2	3	2
	FDR_SW-174	CABLE	In	7,173	5,956	7,299	6,212	7,660	6,070	7,639	6,633
SWGR-1A (BLDG 9)				**24,650**	**24,652**	**24,881**	**21,348**	**30,720**	**30,345**	**30,814**	**26,605**
	PI-0021	PI-EQUI	In	0	0	0	0	0	0	0	0
	FDR_DSP1-3 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_ATS-1-S1	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T1-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DSP1-4 (BLDG 9)	CABLE	In	781	521	691	676	973	641	856	843
	FDR_SWGR-1_MAIN A	CABLE	In	23,869	24,131	24,227	20,671	29,747	29,704	30,005	25,762
SWGR-1B (BLDG 9)				**28,215**	**26,906**	**27,836**	**24,435**	**35,008**	**32,994**	**34,355**	**30,318**
	PI-0021	PI-EQUI	In	0	0	0	0	0	0	0	0
	FDR_ATS-1-S2	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T2-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_DSP2-4 (BLDG 9)	CABLE	In	391	249	345	339	486	305	426	420
	FDR_DSP2-5 (BLDG 9)	CABLE	In	1,046	665	923	906	1,298	816	1,139	1,124
	FDR_DSP2-3 (BLDG 9)	CABLE	In	3,084	1,961	2,721	2,671	3,827	2,404	3,358	3,314

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
			3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
FDR_SWGR-1_MAIN B	CABLE	In	23,694	24,031	24,071	20,520	29,398	29,469	29,709	25,459
SWGR-2A (BLDG 9)			**24,878**	**24,792**	**25,056**	**21,545**	**30,955**	**30,485**	**30,992**	**26,808**
PI-0022	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_DSP3-3 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
FDR_T3-1 (BLDG 9)-PRI	CABLE	In	0	0	0	0	0	0	0	0
FDR_ATS-2-S1	CABLE	In	313	208	277	271	389	256	342	337
FDR_DSP3-4 (BLDG 9)	CABLE	In	781	519	691	676	972	638	855	841
FDR_SWGR-2_MAIN A	CABLE	In	23,785	24,066	24,141	20,598	29,594	29,591	29,860	25,629
SWGR-2B (BLDG 9)			**27,676**	**26,525**	**27,369**	**23,968**	**34,393**	**32,568**	**33,825**	**29,786**
PI-0022	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_ATS-2-S2	CABLE	In	0	0	0	0	0	0	0	0
FDR_T4-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
FDR_DSP4-4 (BLDG 9)	CABLE	In	272	174	240	236	338	214	297	293
FDR_DSP4-5 (BLDG 9)	CABLE	In	813	519	717	704	1,010	638	887	875
FDR_DSP4-3 (BLDG 9)	CABLE	In	2,967	1,896	2,619	2,570	3,687	2,328	3,237	3,193
FDR_SWGR-2_MAIN B	CABLE	In	23,624	23,936	23,997	20,459	29,358	29,389	29,658	25,425
SWGR-A (BLDG 5)			**10,334**	**9,683**	**10,043**	**8,949**	**12,536**	**11,749**	**12,185**	**10,856**
FDR_MDP-BLDG 5_MAIN-A	CABLE	In	1,938	1,211	1,702	1,678	2,351	1,469	2,065	2,036
FDR_SWGR-A (BLDG 5)	CABLE	In	8,396	8,472	8,443	7,271	10,185	10,280	10,243	8,821
SWGR-B (BLDG 5)			**9,647**	**8,667**	**9,440**	**8,354**	**11,267**	**9,852**	**10,905**	**9,758**
FDR_SWGR-B (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
FDR_MDP-BLDG 5_MAIN-B	CABLE	In	9,647	8,667	9,440	8,354	11,267	9,852	10,905	9,758
SWITCH A- BLDG 3			**7,243**	**6,033**	**7,383**	**6,273**	**7,828**	**6,174**	**7,793**	**6,779**
FDR_XFMR-3A	CABLE	In	7	4	6	6	8	4	7	6
FDR_SWITCH A-BLDG 3	CABLE	In	7,236	6,029	7,377	6,267	7,820	6,170	7,787	6,773
SWITCH A- BLDG 4			**7,174**	**6,007**	**7,325**	**6,213**	**7,726**	**6,141**	**7,711**	**6,691**
FDR_XFMR-4A	CABLE	In	12	7	11	11	13	7	12	11
PI-0009	PI-EQUI	In	7,162	6,000	7,313	6,202	7,713	6,134	7,699	6,680
SWITCH A- BLDG 5			**7,260**	**6,097**	**7,432**	**6,287**	**7,830**	**6,231**	**7,828**	**6,781**
FDR_T-A (BLDG 5)	CABLE	In	58	32	52	50	62	33	55	54
PI-0008	PI-EQUI	In	7,203	6,065	7,380	6,238	7,768	6,198	7,773	6,727
SWITCH B- BLDG 3			**7,205**	**5,997**	**7,341**	**6,240**	**7,782**	**6,136**	**7,746**	**6,739**
FDR_XFMR-3B	CABLE	In	7	4	6	6	7	4	7	6

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_SWITCH B-BLDG 3	CABLE	In	7,199	5,994	7,335	6,234	7,774	6,132	7,739	6,733
SWITCH B- BLDG 4				**7,137**	**5,972**	**7,283**	**6,181**	**7,682**	**6,104**	**7,665**	**6,653**
	FDR_XFMR-4B	CABLE	In	12	7	11	11	13	7	12	11
	PI-0011	PI-EQUI	In	7,125	5,965	7,272	6,170	7,669	6,097	7,653	6,641
SWITCH B- BLDG 5				**7,220**	**6,059**	**7,387**	**6,252**	**7,781**	**6,192**	**7,777**	**6,738**
	FDR_T-B (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
	PI-0010	PI-EQUI	In	7,220	6,059	7,387	6,252	7,781	6,192	7,777	6,738
SWITCH-S2				**5,588**	**4,452**	**5,465**	**4,840**	**5,646**	**4,467**	**5,507**	**4,890**
	FDR_T-125	CABLE	In	0	0	0	0	0	0	0	0
	FDR_S2-S4	CABLE	In	5,588	4,452	5,465	4,840	5,646	4,467	5,507	4,889
SWITCH-S4				**5,900**	**4,727**	**5,809**	**5,109**	**5,993**	**4,751**	**5,876**	**5,190**
	FDR_S2-S4	CABLE	In	0	0	0	0	0	0	0	0
	FDR_S4-S5	CABLE	In	5,900	4,727	5,809	5,109	5,993	4,751	5,876	5,190
SWITCH-S5				**6,426**	**5,212**	**6,408**	**5,565**	**6,629**	**5,263**	**6,551**	**5,741**
	FDR_S4-S5	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-8 (BLDG 157)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-C1	CABLE	In	5	3	5	5	5	3	5	5
	FDR_SWITCH-S5_C3	CABLE	In	6,421	5,210	6,403	5,561	6,623	5,260	6,547	5,736
T-10 (E-PP-12)-PRI				**8,918**	**6,746**	**8,683**	**7,723**	**9,170**	**6,807**	**8,867**	**7,941**
	T-10 (E-PP-12)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-10 (E-PP-12)	CABLE	In	8,918	6,746	8,683	7,723	9,170	6,807	8,867	7,941
T-10 (E-PP-12)-SEC				**4,361**	**4,687**	**4,603**	**3,777**	**4,779**	**5,176**	**5,068**	**4,139**
	FDR_E-PP-12 (BLDG 156)	CABLE	In	0	0	0	0	0	0	0	0
	T-10 (E-PP-12)	2W-XFMR	In	4,361	4,687	4,603	3,777	4,779	5,176	5,068	4,139
T-10-BLDG 156-PRI				**7,391**	**6,202**	**7,583**	**6,400**	**8,002**	**6,341**	**8,004**	**6,930**
	T-10-BLDG 156	2W-XFMR	In	22	12	20	19	24	13	21	21
	FDR_T-10 (BLDG 156)	CABLE	In	7,369	6,190	7,562	6,382	7,978	6,329	7,983	6,910
T-10-BLDG 156-SEC				**14,824**	**14,961**	**14,948**	**12,838**	**18,482**	**18,745**	**18,685**	**16,006**
	FDR_E-MCC-16 (BLDG 156)	CABLE	In	633	426	560	549	790	534	700	684
	T-10-BLDG 156	2W-XFMR	In	14,190	14,534	14,421	12,289	17,692	18,211	18,025	15,322
T1-1 (BLDG 9)-PRI				**23,566**	**23,036**	**23,750**	**20,409**	**28,826**	**27,505**	**28,713**	**24,964**
	T1-1 (BLDG 9)	2W-XFMR	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_T1-1 (BLDG 9)	CABLE	In	23,566	23,036	23,750	20,409	28,826	27,505	28,713	24,964
T1-1 (BLDG 9)-SEC				**10,963**	**11,752**	**11,433**	**9,494**	**13,048**	**13,962**	**13,593**	**11,300**
	FDR_DSP1-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	T1-1 (BLDG 9)	2W-XFMR	In	10,963	11,752	11,433	9,494	13,048	13,962	13,593	11,300
T-11 (UPS)-PRI				**5,830**	**3,815**	**5,514**	**5,049**	**5,831**	**3,816**	**5,515**	**5,050**
	T-11 (UPS)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-11 (UPS)	CABLE	In	5,830	3,815	5,514	5,049	5,831	3,816	5,515	5,050
T-11 (UPS)-SEC				**790**	**804**	**804**	**685**	**839**	**857**	**855**	**726**
	FDR_UPS-BREAKER (BLDG 156)	CABLE	In	0	0	0	0	0	0	0	0
	T-11 (UPS)	2W-XFMR	In	790	804	804	685	839	857	855	726
T1-2 (BLDG 9)-PRI				**18,748**	**15,516**	**19,178**	**16,236**	**19,106**	**15,567**	**19,400**	**16,546**
	T1-2 (BLDG 9)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T1-2 (BLDG 9)	CABLE	In	18,748	15,516	19,178	16,236	19,106	15,567	19,400	16,546
T1-2 (BLDG 9)-SEC				**1,989**	**2,019**	**2,010**	**1,722**	**2,166**	**2,203**	**2,191**	**1,876**
	FDR_PP1-2-4 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	T1-2 (BLDG 9)	2W-XFMR	In	1,989	2,019	2,010	1,722	2,166	2,203	2,191	1,876
T-125-PRI				**5,509**	**4,383**	**5,378**	**4,771**	**5,560**	**4,397**	**5,415**	**4,815**
	T-125	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-125	CABLE	In	5,509	4,383	5,378	4,771	5,560	4,397	5,415	4,815
T-125-SEC				**10,926**	**11,034**	**11,016**	**9,462**	**12,559**	**12,722**	**12,682**	**10,876**
	FDR_DP-125	CABLE	In	0	0	0	0	0	0	0	0
	T-125	2W-XFMR	In	10,926	11,034	11,016	9,462	12,559	12,722	12,682	10,876
T-1-BLDG 154-PRI				**7,357**	**6,184**	**7,549**	**6,371**	**7,954**	**6,321**	**7,961**	**6,888**
	T-1-BLDG 154	2W-XFMR	In	506	283	459	438	547	290	484	474
	FDR_T-1 (BLDG 154)	CABLE	In	6,866	5,909	7,090	5,946	7,423	6,040	7,477	6,429
T-1-BLDG 154-SEC				**13,485**	**15,038**	**14,961**	**11,678**	**16,243**	**18,822**	**18,478**	**14,067**
	T-1-BLDG 154	2W-XFMR	In	5,259	6,494	6,317	4,554	6,334	8,128	7,801	5,486
	FDR_4160-SWGR-BUS-A_BLDG 154	CABLE	In	8,226	8,544	8,679	7,124	9,909	10,695	10,718	8,581
T2-1 (BLDG 9)-PRI				**27,849**	**26,402**	**27,476**	**24,118**	**34,364**	**32,089**	**33,676**	**29,760**
	T2-1 (BLDG 9)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T2-1 (BLDG 9)	CABLE	In	27,849	26,402	27,476	24,118	34,364	32,089	33,676	29,760
T2-1 (BLDG 9)-SEC				**11,313**	**12,018**	**11,731**	**9,798**	**13,473**	**14,283**	**13,954**	**11,668**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_DSP2-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	T2-1 (BLDG 9)	2W-XFMR	In	11,313	12,018	11,731	9,798	13,473	14,283	13,954	11,668
T-2-BLDG 154-PRI				**7,291**	**6,121**	**7,476**	**6,314**	**7,874**	**6,254**	**7,878**	**6,819**
	T-2-BLDG 154	2W-XFMR	In	505	283	458	437	545	289	483	472
	FDR_T-2 (BLDG 154)	CABLE	In	6,802	5,847	7,018	5,891	7,346	5,975	7,396	6,362
T-2-BLDG 154-SEC				**13,492**	**15,040**	**14,961**	**11,685**	**16,257**	**18,826**	**18,480**	**14,079**
	T-2-BLDG 154	2W-XFMR	In	5,086	6,289	6,120	4,404	6,128	7,872	7,559	5,307
	FDR_4160-SWGR-BUS-B_BLDG 154	CABLE	In	8,407	8,751	8,876	7,281	10,129	10,954	10,963	8,772
T3-1 (BLDG 9)-PRI				**22,759**	**21,710**	**22,838**	**19,710**	**27,351**	**25,286**	**27,052**	**23,687**
	T3-1 (BLDG 9)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T3-1 (BLDG 9)-PRI	CABLE	In	22,759	21,710	22,838	19,710	27,351	25,286	27,052	23,687
T3-1 (BLDG 9)-SEC				**10,884**	**11,691**	**11,356**	**9,426**	**12,913**	**13,859**	**13,466**	**11,183**
	FDR_DSP3-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	T3-1 (BLDG 9)	2W-XFMR	In	10,884	11,691	11,356	9,426	12,913	13,859	13,466	11,183
T3-2 (BLDG 9)-PRI				**19,292**	**16,513**	**19,659**	**16,707**	**20,163**	**16,751**	**20,273**	**17,462**
	T3-2 (BLDG 9)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T3-2 (BLDG 9)	CABLE	In	19,292	16,513	19,659	16,707	20,163	16,751	20,273	17,462
T3-2 (BLDG 9)-SEC				**3,591**	**3,690**	**3,653**	**3,110**	**3,957**	**4,073**	**4,029**	**3,426**
	FDR_UPS-3 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
	T3-2 (BLDG 9)	2W-XFMR	In	3,591	3,690	3,653	3,110	3,957	4,073	4,029	3,426
T-3-BLDG 154-PRI				**7,353**	**6,180**	**7,544**	**6,368**	**7,949**	**6,317**	**7,955**	**6,884**
	T-3-BLDG 154	2W-XFMR	In	470	263	426	407	508	269	449	440
	FDR_T-3 (BLDG 154)	CABLE	In	6,891	5,921	7,118	5,967	7,449	6,052	7,506	6,451
T-3-BLDG 154-SEC				**66,471**	**67,109**	**68,547**	**57,565**	**84,497**	**88,777**	**88,883**	**73,177**
	FDR_FIRE-PMP-SUPPLY A	CABLE	In	1,904	1,281	1,699	1,649	2,420	1,695	2,204	2,096
	FDR_E-SWGR-1-A (BLDG 154)	CABLE	In	14,005	9,426	12,502	12,129	17,803	12,470	16,211	15,418
	T-3-BLDG 154	2W-XFMR	In	50,588	56,417	55,016	43,811	64,307	74,633	71,338	55,692
T4-1 (BLDG 9)-PRI				**26,315**	**24,660**	**26,014**	**22,790**	**32,040**	**29,324**	**31,347**	**27,748**
	T4-1 (BLDG 9)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T4-1 (BLDG 9)	CABLE	In	26,315	24,660	26,014	22,790	32,040	29,324	31,347	27,748
T4-1 (BLDG 9)-SEC				**11,198**	**11,931**	**11,628**	**9,698**	**13,311**	**14,161**	**13,809**	**11,527**
	FDR_DSP4-1 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	T4-1 (BLDG 9)	2W-XFMR	In	11,198	11,931	11,628	9,698	13,311	14,161	13,809	11,527
T-4-BLDG 154-PRI				**7,280**	**6,109**	**7,462**	**6,305**	**7,859**	**6,243**	**7,862**	**6,807**
	T-4-BLDG 154	2W-XFMR	In	419	235	380	363	453	240	401	392
	FDR_T-4 (BLDG 154)	CABLE	In	6,867	5,878	7,082	5,947	7,414	6,006	7,462	6,420
T-4-BLDG 154-SEC				**62,437**	**63,150**	**64,400**	**54,072**	**79,639**	**83,738**	**83,757**	**68,969**
	FDR_FIRE-PMP-SUPPLY B	CABLE	In	0	0	0	0	0	0	0	0
	FDR_E-SWGR-1-B (BLDG 154)	CABLE	In	14,013	9,449	12,507	12,136	17,874	12,530	16,266	15,480
	T-4-BLDG 154	2W-XFMR	In	48,449	53,717	52,461	41,958	61,798	71,230	68,229	53,518
T-5-BLDG 153-PRI				**7,537**	**6,353**	**7,759**	**6,527**	**8,181**	**6,496**	**8,200**	**7,085**
	T-5-BLDG 153	2W-XFMR	In	22	12	20	19	23	12	21	20
	FDR_T-5 (BLDG 153)	CABLE	In	7,516	6,341	7,739	6,509	8,158	6,484	8,179	7,065
T-5-BLDG 153-SEC				**19,976**	**20,409**	**20,308**	**17,300**	**25,193**	**25,924**	**25,708**	**21,818**
	FDR_E-MCC-3 (BLDG 153)	CABLE	In	610	416	540	528	770	528	684	666
	T-5-BLDG 153	2W-XFMR	In	19,366	19,993	19,798	16,771	24,423	25,397	25,062	21,151
T-6-BLDG 153-PRI				**7,383**	**6,189**	**7,573**	**6,394**	**7,933**	**6,311**	**7,951**	**6,871**
	T-6-BLDG 153	2W-XFMR	In	23	13	21	20	25	13	22	21
	FDR_T-6 (BLDG 153)	CABLE	In	7,360	6,177	7,553	6,374	7,909	6,298	7,929	6,850
T-6-BLDG 153-SEC				**24,318**	**25,075**	**24,894**	**21,060**	**30,429**	**31,672**	**31,308**	**26,352**
	FDR_E-MCC-4 (BLDG 153)	CABLE	In	647	445	574	560	810	562	722	701
	T-6-BLDG 153	2W-XFMR	In	23,671	24,630	24,354	20,499	29,620	31,110	30,628	25,651
T-7 (E-PP-1)-PRI				**26,716**	**18,305**	**25,528**	**23,137**	**26,750**	**18,307**	**25,549**	**23,166**
	T-7 (E-PP-1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-7 (E-PP-1)	CABLE	In	26,716	18,305	25,528	23,137	26,750	18,307	25,549	23,166
T-7 (E-PP-1)-SEC				**3,720**	**3,787**	**3,786**	**3,221**	**4,113**	**4,214**	**4,200**	**3,562**
	FDR_E-PP-1 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
	T-7 (E-PP-1)	2W-XFMR	In	3,720	3,787	3,786	3,221	4,113	4,214	4,200	3,562
T-7 (LIFT STATION)-PRI				**5,117**	**4,045**	**4,950**	**4,431**	**5,156**	**4,057**	**4,979**	**4,465**
	FDR_LB-JUNCTION	CABLE	In	0	0	0	0	0	0	0	0
	T-7 (LIFT STATION)	2W-XFMR	In	5	3	5	5	5	3	5	5
	FDR_T-7(LIFT STATION)	CABLE	In	5,112	4,042	4,945	4,427	5,151	4,054	4,974	4,461
T-7 (LIFT STATION)-SEC				**10,456**	**10,441**	**10,479**	**9,055**	**11,888**	**11,903**	**11,931**	**10,296**
	FDR_L-1-DS (LIFT STATION)	CABLE	In	348	232	307	301	395	264	350	342

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	T-7 (LIFT STATION)	2W-XFMR	In	10,108	10,209	10,193	8,754	11,493	11,640	11,605	9,953
T-7-BLDG 154-PRI				**7,488**	**6,299**	**7,695**	**6,484**	**8,121**	**6,442**	**8,131**	**7,033**
	T-7-BLDG 154	2W-XFMR	In	77	43	70	67	84	44	74	73
	FDR_T-7 (BLDG 154)	CABLE	In	7,411	6,256	7,625	6,418	8,038	6,399	8,057	6,961
T-7-BLDG 154-SEC				**29,147**	**29,696**	**29,692**	**25,242**	**37,169**	**38,352**	**38,114**	**32,189**
	FDR_E-SWGR-11-A (BLDG 154)	CABLE	In	2,283	1,551	2,024	1,977	2,911	2,003	2,598	2,521
	T-7-BLDG 154	2W-XFMR	In	26,865	28,146	27,771	23,266	34,259	36,350	35,648	29,669
T-8 (BLDG 157)-PRI				**6,406**	**5,194**	**6,385**	**5,548**	**6,603**	**5,243**	**6,525**	**5,719**
	T-8 (BLDG 157)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-8 (BLDG 157)	CABLE	In	6,406	5,194	6,385	5,548	6,603	5,243	6,525	5,719
T-8 (BLDG 157)-SEC				**7,856**	**7,906**	**7,890**	**6,804**	**8,840**	**8,905**	**8,882**	**7,656**
	FDR_EX-DS1 (BLDG 157)	CABLE	In	0	0	0	0	0	0	0	0
	T-8 (BLDG 157)	2W-XFMR	In	7,856	7,906	7,890	6,804	8,840	8,905	8,882	7,656
T-8 (E-PP-2)-PRI				**12,686**	**9,854**	**12,702**	**10,986**	**12,790**	**9,865**	**12,764**	**11,077**
	T-8 (E-PP-2)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-8 (E-PP-2)	CABLE	In	12,686	9,854	12,702	10,986	12,790	9,865	12,764	11,077
T-8 (E-PP-2)-SEC				**2,115**	**2,165**	**2,155**	**1,832**	**2,312**	**2,377**	**2,361**	**2,002**
	FDR_E-PP-2 (BLDG 153)	CABLE	In	0	0	0	0	0	0	0	0
	T-8 (E-PP-2)	2W-XFMR	In	2,115	2,165	2,155	1,832	2,312	2,377	2,361	2,002
T-8-BLDG 154-PRI				**7,419**	**6,231**	**7,618**	**6,425**	**8,036**	**6,371**	**8,043**	**6,960**
	T-8-BLDG 154	2W-XFMR	In	85	48	77	74	92	49	81	80
	FDR_T-8 (BLDG 154)	CABLE	In	7,335	6,184	7,541	6,352	7,945	6,322	7,962	6,881
T-8-BLDG 154-SEC				**28,893**	**29,327**	**29,383**	**25,022**	**36,796**	**37,845**	**37,676**	**31,867**
	FDR_E-SWGR-11-B (BLDG 154)	CABLE	In	2,534	1,715	2,246	2,194	3,227	2,213	2,880	2,795
	T-8-BLDG 154	2W-XFMR	In	26,361	27,614	27,246	22,829	33,572	35,634	34,936	29,074
T-9 (E-PP-11)-PRI				**18,685**	**15,431**	**18,511**	**16,181**	**19,852**	**15,853**	**19,409**	**17,193**
	T-9 (E-PP-11)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-9 (E-PP-11)	CABLE	In	18,685	15,431	18,511	16,181	19,852	15,853	19,409	17,193
T-9 (E-PP-11)-SEC				**4,786**	**4,969**	**4,900**	**4,145**	**5,355**	**5,574**	**5,491**	**4,638**
	FDR_E-PP-11 (BLDG 154)	CABLE	In	0	0	0	0	0	0	0	0
	T-9 (E-PP-11)	2W-XFMR	In	4,786	4,969	4,900	4,145	5,355	5,574	5,491	4,638
T-9-BLDG 156-PRI				**7,466**	**6,277**	**7,668**	**6,466**	**8,095**	**6,420**	**8,102**	**7,010**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	T-9-BLDG 156	2W-XFMR	In	44	25	40	38	48	25	42	41
	FDR_T-9 (BLDG 156)	CABLE	In	7,423	6,253	7,628	6,428	8,048	6,395	8,059	6,970
T-9-BLDG 156-SEC				**15,269**	**15,166**	**15,278**	**13,224**	**19,021**	**18,994**	**19,082**	**16,472**
	FDR_E-MCC-15 (BLDG 156)	CABLE	In	1,314	870	1,160	1,138	1,636	1,089	1,449	1,417
	T-9-BLDG 156	2W-XFMR	In	13,956	14,296	14,180	12,086	17,384	17,905	17,710	15,055
T-A (BLDG 5)-PRI				**7,253**	**6,089**	**7,424**	**6,281**	**7,822**	**6,224**	**7,819**	**6,774**
	T-A (BLDG 5)	2W-XFMR	In	58	32	52	50	62	33	55	54
	FDR_T-A (BLDG 5)	CABLE	In	7,196	6,057	7,372	6,232	7,760	6,191	7,764	6,720
T-A (BLDG 5)-SEC				**10,428**	**9,852**	**10,204**	**9,031**	**12,696**	**12,056**	**12,450**	**10,995**
	FDR_SWGR-A (BLDG 5)	CABLE	In	1,933	1,217	1,701	1,674	2,353	1,490	2,075	2,038
	T-A (BLDG 5)	2W-XFMR	In	8,496	8,636	8,582	7,358	10,344	10,567	10,471	8,958
T-A (BLDG 7)-PRI				**7,359**	**6,152**	**7,528**	**6,373**	**7,955**	**6,290**	**7,942**	**6,889**
	T-A (BLDG 7)	2W-XFMR	In	109	61	99	95	118	62	104	102
	FDR_T-A (BLDG 7)	CABLE	In	7,251	6,091	7,430	6,280	7,837	6,228	7,838	6,787
T-A (BLDG 7)-SEC				**35,508**	**36,405**	**36,458**	**30,751**	**45,252**	**47,288**	**46,931**	**39,189**
	FDR_BLDG 7-MDS-A	CABLE	In	3,256	2,226	2,894	2,820	4,150	2,891	3,725	3,594
	T-A (BLDG 7)	2W-XFMR	In	32,264	34,188	33,667	27,942	41,118	44,408	43,337	35,609
T-B (BLDG 5)-PRI				**7,213**	**6,052**	**7,379**	**6,247**	**7,773**	**6,184**	**7,768**	**6,731**
	T-B (BLDG 5)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-B (BLDG 5)	CABLE	In	7,213	6,052	7,379	6,247	7,773	6,184	7,768	6,731
T-B (BLDG 5)-SEC				**8,497**	**8,619**	**8,577**	**7,359**	**10,407**	**10,583**	**10,519**	**9,012**
	FDR_SWGR-B (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
	T-B (BLDG 5)	2W-XFMR	In	8,497	8,619	8,577	7,359	10,407	10,583	10,519	9,012
T-B (BLDG 7)-PRI				**7,322**	**6,116**	**7,486**	**6,341**	**7,909**	**6,252**	**7,894**	**6,849**
	T-B (BLDG 7)	2W-XFMR	In	83	46	75	72	89	47	79	77
	FDR_T-B (BLDG 7)	CABLE	In	7,240	6,071	7,412	6,270	7,820	6,206	7,815	6,772
T-B (BLDG 7)-SEC				**34,800**	**35,958**	**35,864**	**30,138**	**44,479**	**46,791**	**46,283**	**38,520**
	FDR_BLDG 7-MDS-B	CABLE	In	2,420	1,667	2,152	2,096	3,093	2,169	2,777	2,678
	T-B (BLDG 7)	2W-XFMR	In	32,388	34,297	33,794	28,048	41,396	44,629	43,611	35,850
TB-174-PRI				**7,146**	**5,927**	**7,266**	**6,189**	**7,617**	**6,037**	**7,594**	**6,597**
	TB-174	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_TB-174	CABLE	In	7,146	5,927	7,266	6,189	7,617	6,037	7,594	6,597

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
TB-174-SEC				**4,126**	**4,139**	**4,134**	**3,574**	**4,573**	**4,588**	**4,581**	**3,960**
	FDR_FDS-174	CABLE	In	0	0	0	0	0	0	0	0
	TB-174	2W-XFMR	In	4,126	4,139	4,134	3,574	4,573	4,588	4,581	3,960
T-B1-PRI				**4,842**	**3,815**	**4,657**	**4,193**	**4,868**	**3,824**	**4,677**	**4,216**
	T-B1	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-B1	CABLE	In	4,842	3,815	4,657	4,193	4,868	3,824	4,677	4,216
T-B1-SEC				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-B1	CABLE	In	0	0	0	0	0	0	0	0
	T-B1	2W-XFMR	In	0	0	0	0	0	0	0	0
T-B2-PRI				**4,847**	**3,820**	**4,663**	**4,198**	**4,874**	**3,829**	**4,683**	**4,221**
	FDR_T-B1	CABLE	In	0	0	0	0	0	0	0	0
	T-B2	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-B2	CABLE	In	4,847	3,820	4,663	4,198	4,874	3,829	4,683	4,221
T-B2-SEC				**20,590**	**21,016**	**20,986**	**17,831**	**24,024**	**24,733**	**24,596**	**20,806**
	FDR_DP-B2	CABLE	In	0	0	0	0	0	0	0	0
	T-B2	2W-XFMR	In	20,590	21,016	20,986	17,831	24,024	24,733	24,596	20,806
T-B3-PRI				**4,932**	**3,890**	**4,753**	**4,272**	**4,962**	**3,900**	**4,775**	**4,298**
	FDR_T-B2	CABLE	In	0	0	0	0	0	0	0	0
	T-B3	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-B3	CABLE	In	4,932	3,890	4,753	4,272	4,962	3,900	4,775	4,298
T-B3-SEC				**20,606**	**21,027**	**20,993**	**17,846**	**24,066**	**24,763**	**24,625**	**20,842**
	FDR_DP-B3	CABLE	In	0	0	0	0	0	0	0	0
	T-B3	2W-XFMR	In	20,606	21,027	20,993	17,846	24,066	24,763	24,625	20,842
T-B4-PRI				**6,092**	**4,901**	**6,024**	**5,276**	**6,227**	**4,936**	**6,121**	**5,393**
	FDR_T-B5	CABLE	In	0	0	0	0	0	0	0	0
	T-B4	2W-XFMR	In	3	1	2	2	3	1	2	2
	FDR_T-B4 (BLDG 10)	CABLE	In	6,089	4,900	6,022	5,273	6,224	4,935	6,119	5,391
T-B4-SEC				**28,846**	**29,485**	**29,384**	**24,981**	**34,685**	**35,744**	**35,483**	**30,038**
	FDR_DP-B4	CABLE	In	171	116	151	148	205	141	183	178
	T-B4	2W-XFMR	In	28,675	29,369	29,239	24,834	34,480	35,603	35,308	29,860
T-B5-PRI				**5,430**	**4,313**	**5,289**	**4,703**	**5,489**	**4,330**	**5,332**	**4,754**
	FDR_T-B3	CABLE	In	0	0	0	0	0	0	0	0
	T-B5	2W-XFMR	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
	FDR_T-B5	CABLE	In	5,430	4,313	5,289	4,703	5,489	4,330	5,332	4,754
T-B5-SEC				**10,919**	**11,029**	**11,010**	**9,457**	**12,555**	**12,719**	**12,678**	**10,873**
	FDR_DP-B5	CABLE	In	0	0	0	0	0	0	0	0
	T-B5	2W-XFMR	In	10,919	11,029	11,010	9,457	12,555	12,719	12,678	10,873
T-C1-PRI				**6,137**	**4,942**	**6,076**	**5,315**	**6,280**	**4,979**	**6,178**	**5,439**
	T-C1	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-C2	CABLE	In	5	3	5	5	5	3	5	5
	FDR_T-C1	CABLE	In	6,132	4,940	6,071	5,310	6,275	4,977	6,173	5,434
T-C1-SEC				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C1	CABLE	In	0	0	0	0	0	0	0	0
	T-C1	2W-XFMR	In	0	0	0	0	0	0	0	0
T-C2-PRI				**6,052**	**4,864**	**5,979**	**5,241**	**6,181**	**4,898**	**6,072**	**5,353**
	T-C2	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-7(LIFT STATION)	CABLE	In	5	3	5	5	5	3	5	5
	FDR_T-C2	CABLE	In	6,047	4,862	5,974	5,237	6,175	4,895	6,067	5,348
T-C2-SEC				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C2	CABLE	In	0	0	0	0	0	0	0	0
	T-C2	2W-XFMR	In	0	0	0	0	0	0	0	0
T-C3-PRI				**4,419**	**3,467**	**4,213**	**3,827**	**4,433**	**3,472**	**4,225**	**3,839**
	T-C3	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-C4	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-C3	CABLE	In	4,419	3,467	4,213	3,827	4,433	3,472	4,225	3,839
T-C3-SEC				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C3	CABLE	In	0	0	0	0	0	0	0	0
	T-C3	2W-XFMR	In	0	0	0	0	0	0	0	0
T-C4-PRI				**4,012**	**3,139**	**3,795**	**3,474**	**4,019**	**3,142**	**3,801**	**3,481**
	T-C4	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-C5	CABLE	In	0	0	0	0	0	0	0	0
	FDR_T-C4	CABLE	In	4,012	3,139	3,795	3,474	4,019	3,142	3,801	3,481
T-C4-SEC				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C4	CABLE	In	0	0	0	0	0	0	0	0
	T-C4	2W-XFMR	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
T-C5-PRI				**3,796**	**2,967**	**3,576**	**3,288**	**3,802**	**2,970**	**3,580**	**3,292**
	T-C5	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-C5	CABLE	In	3,796	2,967	3,576	3,288	3,802	2,970	3,580	3,292
T-C5-SEC				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C5	CABLE	In	0	0	0	0	0	0	0	0
	T-C5	2W-XFMR	In	0	0	0	0	0	0	0	0
T-C6-PRI				**4,620**	**3,631**	**4,423**	**4,001**	**4,639**	**3,638**	**4,438**	**4,018**
	FDR_T-C7	CABLE	In	0	0	0	0	0	0	0	0
	T-C6	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-C6	CABLE	In	4,620	3,631	4,423	4,001	4,639	3,638	4,438	4,018
T-C6-SEC				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C6	CABLE	In	0	0	0	0	0	0	0	0
	T-C6	2W-XFMR	In	0	0	0	0	0	0	0	0
T-C7-PRI				**4,286**	**3,359**	**4,076**	**3,712**	**4,298**	**3,364**	**4,085**	**3,722**
	T-C7	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-C7	CABLE	In	4,286	3,359	4,076	3,712	4,298	3,364	4,085	3,722
T-C7-SEC				**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
	FDR_DP-C7	CABLE	In	0	0	0	0	0	0	0	0
	T-C7	2W-XFMR	In	0	0	0	0	0	0	0	0
T-RP1A (BLDG 7)-PRI				**17,453**	**13,210**	**16,887**	**15,114**	**18,109**	**13,402**	**17,385**	**15,683**
	T-RP1A (BLDG 7)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-RP1A (BLDG 7)	CABLE	In	17,453	13,210	16,887	15,114	18,109	13,402	17,385	15,683
T-RP1A (BLDG 7)-SEC				**1,068**	**1,078**	**1,074**	**925**	**1,168**	**1,179**	**1,175**	**1,011**
	FDR_RP1A (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	T-RP1A (BLDG 7)	2W-XFMR	In	1,068	1,078	1,074	925	1,168	1,179	1,175	1,011
T-RP1B (BLDG 7)-PRI				**7,333**	**4,584**	**6,807**	**6,351**	**7,333**	**4,584**	**6,807**	**6,351**
	T-RP1B (BLDG 7)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-RP1B (BLDG 7)	CABLE	In	7,333	4,584	6,807	6,351	7,333	4,584	6,807	6,351
T-RP1B (BLDG 7)-SEC				**2,103**	**2,175**	**2,190**	**1,821**	**2,233**	**2,336**	**2,340**	**1,934**
	FDR_RP1B (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	T-RP1B (BLDG 7)	2W-XFMR	In	2,103	2,175	2,190	1,821	2,233	2,336	2,340	1,934
T-RP2A (BLDG 7)-PRI				**18,278**	**13,584**	**17,828**	**15,829**	**18,582**	**13,638**	**18,039**	**16,092**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	T-RP2A (BLDG 7)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-RP2A (BLDG 7)	CABLE	In	18,278	13,584	17,828	15,829	18,582	13,638	18,039	16,092
T-RP2A (BLDG 7)-SEC				**1,070**	**1,079**	**1,076**	**927**	**1,168**	**1,179**	**1,176**	**1,012**
	FDR_RP2A (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	T-RP2A (BLDG 7)	2W-XFMR	In	1,070	1,079	1,076	927	1,168	1,179	1,176	1,012
T-RP2B (BLDG 7)-PRI				**4,708**	**2,825**	**4,302**	**4,077**	**4,708**	**2,825**	**4,302**	**4,077**
	T-RP2B (BLDG 7)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-RP2B (BLDG 7)	CABLE	In	4,708	2,825	4,302	4,077	4,708	2,825	4,302	4,077
T-RP2B (BLDG 7)-SEC				**1,029**	**1,051**	**1,062**	**891**	**1,087**	**1,122**	**1,128**	**941**
	FDR_RP2B (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	T-RP2B (BLDG 7)	2W-XFMR	In	1,029	1,051	1,062	891	1,087	1,122	1,128	941
T-RP3A (BLDG 7)-PRI				**15,032**	**10,456**	**14,393**	**13,018**	**15,153**	**10,474**	**14,477**	**13,123**
	T-RP3A (BLDG 7)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-RP3A (BLDG 7)	CABLE	In	15,032	10,456	14,393	13,018	15,153	10,474	14,477	13,123
T-RP3A (BLDG 7)-SEC				**1,065**	**1,076**	**1,073**	**922**	**1,160**	**1,174**	**1,170**	**1,005**
	FDR_RP3A (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	T-RP3A (BLDG 7)	2W-XFMR	In	1,065	1,076	1,073	922	1,160	1,174	1,170	1,005
T-RP3B (BLDG 7)-PRI				**3,911**	**2,329**	**3,560**	**3,387**	**3,911**	**2,329**	**3,560**	**3,387**
	T-RP3B (BLDG 7)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-RP3B (BLDG 7)	CABLE	In	3,911	2,329	3,560	3,387	3,911	2,329	3,560	3,387
T-RP3B (BLDG 7)-SEC				**1,016**	**1,043**	**1,056**	**880**	**1,068**	**1,108**	**1,116**	**925**
	FDR_RP3B (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	T-RP3B (BLDG 7)	2W-XFMR	In	1,016	1,043	1,056	880	1,068	1,108	1,116	925
T-RP4A (BLDG 7)-PRI				**10,271**	**7,189**	**9,710**	**8,895**	**10,543**	**7,267**	**9,921**	**9,131**
	T-RP4A (BLDG 7)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-RP4A (BLDG 7)	CABLE	In	10,271	7,189	9,710	8,895	10,543	7,267	9,921	9,131
T-RP4A (BLDG 7)-SEC				**1,049**	**1,065**	**1,060**	**909**	**1,144**	**1,163**	**1,156**	**991**
	FDR_RP4A (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	T-RP4A (BLDG 7)	2W-XFMR	In	1,049	1,065	1,060	909	1,144	1,163	1,156	991
T-RP4B (BLDG 7)-PRI				**3,526**	**2,124**	**3,223**	**3,054**	**3,526**	**2,124**	**3,223**	**3,054**
	T-RP4B (BLDG 7)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-RP4B (BLDG 7)	CABLE	In	3,526	2,124	3,223	3,054	3,526	2,124	3,223	3,054

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
T-RP4B (BLDG 7)-SEC				**1,000**	**1,031**	**1,042**	**866**	**1,050**	**1,095**	**1,101**	**910**
	FDR_RP4B (BLDG 7)	CABLE	In	0	0	0	0	0	0	0	0
	T-RP4B (BLDG 7)	2W-XFMR	In	1,000	1,031	1,042	866	1,050	1,095	1,101	910
T-RP5A (BLDG 7)-PRI				**10,763**	**7,194**	**10,133**	**9,321**	**10,918**	**7,228**	**10,249**	**9,455**
	T-RP5A (BLDG 7)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_T-RP5A (BLDG 7)	CABLE	In	10,763	7,194	10,133	9,321	10,918	7,228	10,249	9,455
T-RP5A (BLDG 7)-SEC				**1,052**	**1,067**	**1,063**	**911**	**1,146**	**1,164**	**1,158**	**992**
	FDR_RP5A (BLDG 7)-SECT 1	CABLE	In	0	0	0	0	0	0	0	0
	T-RP5A (BLDG 7)	2W-XFMR	In	1,052	1,067	1,063	911	1,146	1,164	1,158	992
U2A1B (BLDG 20)				**1,761**	**1,820**	**1,806**	**1,525**	**1,836**	**1,903**	**1,886**	**1,590**
	FDR_U2A1B (BLDG 20)	CABLE	In	1,761	1,820	1,806	1,525	1,836	1,903	1,886	1,590
U2A2A (BLDG 20)				**1,875**	**1,886**	**1,900**	**1,624**	**1,981**	**1,984**	**2,002**	**1,716**
	FDR_U2A2A (BLDG 20)	CABLE	In	1,875	1,886	1,900	1,624	1,981	1,984	2,002	1,716
U2A3A4 (BLDG 20)				**2,904**	**2,177**	**2,790**	**2,515**	**2,924**	**2,182**	**2,805**	**2,532**
	FDR_BUS-DUCT-11	CABLE	In	0	0	0	0	0	0	0	0
	FDR_BUS-DUCT-8	CABLE	In	0	0	0	0	0	0	0	0
	FDR_BUS-DUCT-10	CABLE	In	0	0	0	0	0	0	0	0
	FDR_BUS-DUCT-9	CABLE	In	0	0	0	0	0	0	0	0
	FDR_BUS-DUCT-12	CABLE	In	0	0	0	0	0	0	0	0
	FDR_BUS-DUCT-7	CABLE	In	0	0	0	0	0	0	0	0
	FDR_U2A3A4 (BLDG 20)	CABLE	In	2,904	2,177	2,790	2,515	2,924	2,182	2,805	2,532
U2A3A5 (BLDG 20)				**2,904**	**2,177**	**2,790**	**2,515**	**2,924**	**2,182**	**2,805**	**2,532**
	FDR_TWIST-LOCK-REC10	CABLE	In	0	0	0	0	0	0	0	0
	FDR_TWIST-LOCK-REC5	CABLE	In	0	0	0	0	0	0	0	0
	FDR_TWIST-LOCK-REC6	CABLE	In	0	0	0	0	0	0	0	0
	FDR_TWIST-LOCK-REC7	CABLE	In	0	0	0	0	0	0	0	0
	FDR_TWIST-LOCK-REC8	CABLE	In	0	0	0	0	0	0	0	0
	FDR_TWIST-LOCK-REC9	CABLE	In	0	0	0	0	0	0	0	0
	FDR_U2A3A5 (BLDG 20)	CABLE	In	2,904	2,177	2,790	2,515	2,924	2,182	2,805	2,532
U2A3B4 (BLDG 20)				**2,017**	**1,464**	**1,917**	**1,747**	**2,026**	**1,465**	**1,923**	**1,754**
	FDR_BUS-DUCT-1	CABLE	In	0	0	0	0	0	0	0	0
	FDR_BUS-DUCT-2	CABLE	In	0	0	0	0	0	0	0	0
	FDR_BUS-DUCT-5	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_BUS-DUCT-6	CABLE	In	0	0	0	0	0	0	0	0
	FDR_BUS-DUCT-3	CABLE	In	0	0	0	0	0	0	0	0
	FDR_BUS-DUCT-4	CABLE	In	0	0	0	0	0	0	0	0
	FDR_U2A3B4 (BLDG 20)	CABLE	In	2,017	1,464	1,917	1,747	2,026	1,465	1,923	1,754
U2A3B5 (BLDG 20)				**2,017**	**1,464**	**1,917**	**1,747**	**2,026**	**1,465**	**1,923**	**1,754**
	FDR_TWIST-LOCK-REC1	CABLE	In	0	0	0	0	0	0	0	0
	FDR_TWIST-LOCK-REC2	CABLE	In	0	0	0	0	0	0	0	0
	FDR_TWIST-LOCK-REC3	CABLE	In	0	0	0	0	0	0	0	0
	FDR_TWIST-LOCK-REC4	CABLE	In	0	0	0	0	0	0	0	0
	FDR_U2A3B5 (BLDG 20)	CABLE	In	2,017	1,464	1,917	1,747	2,026	1,465	1,923	1,754
U2L1A (BLDG 20)				**1,870**	**1,903**	**1,891**	**1,619**	**1,973**	**2,010**	**1,996**	**1,709**
	FDR_U2L1A (BLDG 20)	CABLE	In	1,870	1,903	1,891	1,619	1,973	2,010	1,996	1,709
U2L1B (BLDG 20)				**1,776**	**1,837**	**1,826**	**1,538**	**1,856**	**1,927**	**1,912**	**1,608**
	FDR_U2L1B (BLDG 20)	CABLE	In	1,776	1,837	1,826	1,538	1,856	1,927	1,912	1,608
U2L1C (BLDG 20)				**1,715**	**1,795**	**1,802**	**1,486**	**1,766**	**1,860**	**1,862**	**1,529**
	FDR_U2L1C (BLDG 20)	CABLE	In	1,715	1,795	1,802	1,486	1,766	1,860	1,862	1,529
U2L1D (BLDG 20)				**1,638**	**1,738**	**1,736**	**1,419**	**1,686**	**1,800**	**1,793**	**1,460**
	FDR_U2L1D (BLDG 20)	CABLE	In	1,638	1,738	1,736	1,419	1,686	1,800	1,793	1,460
U2LB (BLDG 20)				**1,115**	**1,122**	**1,118**	**965**	**1,187**	**1,194**	**1,190**	**1,028**
	FDR_U2LB (BLDG 20)	CABLE	In	1,115	1,122	1,118	965	1,187	1,194	1,190	1,028
U2S1A (BLDG 20)				**934**	**978**	**989**	**809**	**945**	**994**	**1,004**	**819**
	FDR_U2S1A (BLDG 20)	CABLE	In	934	978	989	809	945	994	1,004	819
U4LB (BLDG 20)				**21,525**	**16,739**	**20,752**	**18,641**	**22,786**	**17,234**	**21,760**	**19,733**
	FDR_XFMR-T2G (U2LB)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2L1A)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_SURGE-LOGIC	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T2G (U2S1A)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2A1B)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2L1B)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2L1C)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2L1D)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T6G (UD2A3B2)	CABLE	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2A2A)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_XFMR-T6G (UD2A3A2)	CABLE	In	0	0	0	0	0	0	0	0
FDR_U4LB (BLDG 20)	CABLE	In	21,525	16,739	20,752	18,641	22,786	17,234	21,760	19,733
UD2A3A2 (BLDG 20)			**3,312**	**2,563**	**3,209**	**2,869**	**3,342**	**2,570**	**3,231**	**2,894**
FDR_U2A3A4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_U2A3A5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_UD2A3A2 (BLDG 20)	CABLE	In	3,312	2,563	3,209	2,869	3,342	2,570	3,231	2,894
UD2A3B2 (BLDG 20)			**3,080**	**2,465**	**2,999**	**2,667**	**3,104**	**2,472**	**3,017**	**2,688**
FDR_U2A3B5 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_U2A3B4 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
FDR_UD2A3B2 (BLDG 20)	CABLE	In	3,080	2,465	2,999	2,667	3,104	2,472	3,017	2,688
UPS-1 (BLDG 154)- OUT			**42**	**37**	**40**	**36**	**58**	**52**	**55**	**50**
FDR_UPS-1 (BLDG 154)-OUT	CABLE	In	0	0	0	0	0	0	0	0
UPS-1 (BLDG 154)		In	42	37	40	36	64	57	61	61
UPS-1 PNL (BLDG 156)			**666**	**596**	**688**	**577**	**672**	**597**	**691**	**582**
PI-0007	PI-EQUI	In	0	0	0	0	0	0	0	0
FDR_UPS-1 (BLDG 156)	CABLE	In	666	596	688	577	672	597	691	582
UPS-1-(BLDG 9)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FDR_UPS-1-DS (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
UPS-1 (BLDG 9)		In	0	0	0	0	0	0	0	0
UPS-1-BLDG 156			**62**	**56**	**60**	**54**	**86**	**78**	**83**	**75**
FDR_UPS-PANEL-1 (BLDG 156)	CABLE	In	0	0	0	0	0	0	0	0
UPS-1 (BLDG 156)		In	62	56	60	54	96	86	92	92
UPS-2-(BLDG 9)			**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
FDR_UPS-2-DS (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
UPS-2 (BLDG 9)		In	0	0	0	0	0	0	0	0
UPS-3 (BLDG 9)			**97**	**87**	**93**	**84**	**134**	**121**	**129**	**116**
FDR_PP3-2-5 (BLDG 9)	CABLE	In	0	0	0	0	0	0	0	0
UPS-3- (BLDG 9)		In	97	87	93	84	149	134	143	143
UPS-ISOLATION-SWITCH			**695**	**642**	**720**	**602**	**705**	**645**	**727**	**610**
FDR_UPS-1 (ISO)	CABLE	In	0	0	0	0	0	0	0	0
FDR_UPS-ISOLATION-SWITCH	CABLE	In	695	642	720	602	705	645	727	610
UPS-PANEL-1 (BLDG 156)			**62**	**56**	**60**	**54**	**85**	**76**	**82**	**74**

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
FDR_UPS-PANEL-2 (BLDG 156)	CABLE	In	0	0	0	0	0	0	0	0
FDR_UPS-PANEL-1 (BLDG 156)	CABLE	In	62	56	60	54	85	76	82	74
UPS-PANEL-2 (BLDG 156)			**61**	**55**	**60**	**53**	**77**	**66**	**75**	**67**
FDR_UPS-PANEL-2 (BLDG 156)	CABLE	In	61	55	60	53	77	66	75	67
X2L1A1 (BLDG 20)			**7,631**	**6,591**	**7,851**	**6,609**	**7,763**	**6,617**	**7,935**	**6,723**
FDR_X2L1A1 (BLDG 20)	CABLE	In	7,631	6,591	7,851	6,609	7,763	6,617	7,935	6,723
X2L1A10 (BLDG 20)			**4,265**	**2,994**	**4,110**	**3,694**	**4,269**	**2,994**	**4,111**	**3,697**
FDR_X2L1A10 (BLDG 20)	CABLE	In	4,265	2,994	4,110	3,694	4,269	2,994	4,111	3,697
X2L1A2 (BLDG 20)			**6,022**	**4,670**	**5,994**	**5,215**	**6,049**	**4,673**	**6,010**	**5,239**
FDR_X2L1A2 (BLDG 20)	CABLE	In	6,022	4,670	5,994	5,215	6,049	4,673	6,010	5,239
X2L1A3 (BLDG 20)			**5,057**	**3,706**	**4,942**	**4,380**	**5,067**	**3,706**	**4,947**	**4,388**
FDR_X2L1A3 (BLDG 20)	CABLE	In	5,057	3,706	4,942	4,380	5,067	3,706	4,947	4,388
X2L1A4 (BLDG 20)			**4,448**	**3,154**	**4,300**	**3,852**	**4,452**	**3,154**	**4,302**	**3,856**
FDR_X2L1A4 (BLDG 20)	CABLE	In	4,448	3,154	4,300	3,852	4,452	3,154	4,302	3,856
X2L1A5 (BLDG 20)			**3,984**	**2,758**	**3,821**	**3,450**	**3,986**	**2,758**	**3,822**	**3,452**
FDR_X2L1A5 (BLDG 20)	CABLE	In	3,984	2,758	3,821	3,450	3,986	2,758	3,822	3,452
X2L1A6 (BLDG 20)			**7,105**	**5,914**	**7,230**	**6,153**	**7,186**	**5,926**	**7,280**	**6,223**
FDR_X2L1A6 (BLDG 20)	CABLE	In	7,105	5,914	7,230	6,153	7,186	5,926	7,280	6,223
X2L1A7 (BLDG 20)			**6,476**	**5,160**	**6,505**	**5,609**	**6,517**	**5,164**	**6,529**	**5,644**
FDR_X2L1A7 (BLDG 20)	CABLE	In	6,476	5,160	6,505	5,609	6,517	5,164	6,529	5,644
X2L1A8 (BLDG 20)			**5,543**	**4,171**	**5,466**	**4,801**	**5,558**	**4,172**	**5,474**	**4,814**
FDR_X2L1A8 (BLDG 20)	CABLE	In	5,543	4,171	5,466	4,801	5,558	4,172	5,474	4,814
X2L1A9 (BLDG 20)			**4,827**	**3,489**	**4,697**	**4,180**	**4,834**	**3,489**	**4,700**	**4,186**
FDR_X2L1A9 (BLDG 20)	CABLE	In	4,827	3,489	4,697	4,180	4,834	3,489	4,700	4,186
X2L1B1 (BLDG 20)			**6,998**	**6,281**	**7,289**	**6,061**	**7,113**	**6,307**	**7,362**	**6,160**
FDR_X2L1B1 (BLDG 20)	CABLE	In	6,998	6,281	7,289	6,061	7,113	6,307	7,362	6,160
X2L1B10 (BLDG 20)			**3,805**	**2,703**	**3,675**	**3,296**	**3,808**	**2,703**	**3,676**	**3,298**
FDR_X2L1B10 (BLDG 20)	CABLE	In	3,805	2,703	3,675	3,296	3,808	2,703	3,676	3,298
X2L1B2 (BLDG 20)			**6,005**	**4,962**	**6,098**	**5,201**	**6,044**	**4,967**	**6,121**	**5,235**
FDR_X2L1B2 (BLDG 20)	CABLE	In	6,005	4,962	6,098	5,201	6,044	4,967	6,121	5,235
X2L1B3 (BLDG 20)			**5,057**	**3,896**	**5,018**	**4,380**	**5,070**	**3,897**	**5,025**	**4,391**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_X2L1B3 (BLDG 20)	CABLE	In	5,057	3,896	5,018	4,380	5,070	3,897	5,025	4,391
X2L1B4 (BLDG 20)				**4,454**	**3,295**	**4,360**	**3,857**	**4,460**	**3,295**	**4,363**	**3,862**
	FDR_X2L1B4 (BLDG 20)	CABLE	In	4,454	3,295	4,360	3,857	4,460	3,295	4,363	3,862
X2L1B5 (BLDG 20)				**3,972**	**2,850**	**3,848**	**3,440**	**3,975**	**2,850**	**3,850**	**3,442**
	FDR_X2L1B5 (BLDG 20)	CABLE	In	3,972	2,850	3,848	3,440	3,975	2,850	3,850	3,442
X2L1B6 (BLDG 20)				**6,552**	**5,664**	**6,747**	**5,674**	**6,625**	**5,677**	**6,791**	**5,737**
	FDR_X2L1B6 (BLDG 20)	CABLE	In	6,552	5,664	6,747	5,674	6,625	5,677	6,791	5,737
X2L1B7 (BLDG 20)				**5,621**	**4,516**	**5,653**	**4,868**	**5,647**	**4,519**	**5,668**	**4,891**
	FDR_X2L1B7 (BLDG 20)	CABLE	In	5,621	4,516	5,653	4,868	5,647	4,519	5,668	4,891
X2L1B8 (BLDG 20)				**4,773**	**3,610**	**4,706**	**4,134**	**4,783**	**3,610**	**4,711**	**4,142**
	FDR_X2L1B8 (BLDG 20)	CABLE	In	4,773	3,610	4,706	4,134	4,783	3,610	4,711	4,142
X2L1B9 (BLDG 20)				**4,229**	**3,085**	**4,119**	**3,662**	**4,233**	**3,086**	**4,122**	**3,666**
	FDR_X2L1B9 (BLDG 20)	CABLE	In	4,229	3,085	4,119	3,662	4,233	3,086	4,122	3,666
X2L1C1 (BLDG 20)				**7,094**	**6,309**	**7,389**	**6,144**	**7,230**	**6,338**	**7,475**	**6,262**
	FDR_X2L1C1 (BLDG 20)	CABLE	In	7,094	6,309	7,389	6,144	7,230	6,338	7,475	6,262
X2L1C10 (BLDG 20)				**3,699**	**2,587**	**3,561**	**3,203**	**3,701**	**2,587**	**3,562**	**3,205**
	FDR_X2L1C10 (BLDG 20)	CABLE	In	3,699	2,587	3,561	3,203	3,701	2,587	3,562	3,205
X2L1C11 (BLDG 20)				**6,733**	**5,795**	**6,951**	**5,831**	**6,820**	**5,808**	**7,004**	**5,906**
	FDR_X2L1C11 (BLDG 20)	CABLE	In	6,733	5,795	6,951	5,831	6,820	5,808	7,004	5,906
X2L1C12 (BLDG 20)				**3,974**	**2,823**	**3,846**	**3,442**	**3,977**	**2,824**	**3,848**	**3,444**
	FDR_X2L1C12 (BLDG 20)	CABLE	In	3,974	2,823	3,846	3,442	3,977	2,824	3,848	3,444
X2L1C2 (BLDG 20)				**6,119**	**5,019**	**6,217**	**5,299**	**6,165**	**5,024**	**6,244**	**5,339**
	FDR_X2L1C2 (BLDG 20)	CABLE	In	6,119	5,019	6,217	5,299	6,165	5,024	6,244	5,339
X2L1C3 (BLDG 20)				**5,286**	**4,082**	**5,263**	**4,577**	**5,303**	**4,083**	**5,273**	**4,593**
	FDR_X2L1C3 (BLDG 20)	CABLE	In	5,286	4,082	5,263	4,577	5,303	4,083	5,273	4,593
X2L1C4 (BLDG 20)				**4,635**	**3,428**	**4,548**	**4,014**	**4,643**	**3,429**	**4,552**	**4,021**
	FDR_X2L1C4 (BLDG 20)	CABLE	In	4,635	3,428	4,548	4,014	4,643	3,429	4,552	4,021
X2L1C5 (BLDG 20)				**3,856**	**2,721**	**3,724**	**3,340**	**3,859**	**2,721**	**3,725**	**3,342**
	FDR_X2L1C5 (BLDG 20)	CABLE	In	3,856	2,721	3,724	3,340	3,859	2,721	3,725	3,342
X2L1C6 (BLDG 20)				**6,641**	**5,690**	**6,837**	**5,751**	**6,727**	**5,704**	**6,890**	**5,826**
	FDR_X2L1C6 (BLDG 20)	CABLE	In	6,641	5,690	6,837	5,751	6,727	5,704	6,890	5,826

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
X2L1C7 (BLDG 20)				**5,693**	**4,535**	**5,724**	**4,930**	**5,724**	**4,538**	**5,741**	**4,957**
	FDR_X2L1C7 (BLDG 20)	CABLE	In	5,693	4,535	5,724	4,930	5,724	4,538	5,741	4,957
X2L1C8 (BLDG 20)				**4,829**	**3,623**	**4,759**	**4,182**	**4,840**	**3,624**	**4,765**	**4,192**
	FDR_X2L1C8 (BLDG 20)	CABLE	In	4,829	3,623	4,759	4,182	4,840	3,624	4,765	4,192
X2L1C9 (BLDG 20)				**4,311**	**3,125**	**4,201**	**3,733**	**4,316**	**3,125**	**4,204**	**3,738**
	FDR_X2L1C9 (BLDG 20)	CABLE	In	4,311	3,125	4,201	3,733	4,316	3,125	4,204	3,738
X2L1D1 (BLDG 20)				**6,213**	**5,537**	**6,503**	**5,381**	**6,300**	**5,552**	**6,555**	**5,456**
	FDR_X2L1D1 (BLDG 20)	CABLE	In	6,213	5,537	6,503	5,381	6,300	5,552	6,555	5,456
X2L1D10 (BLDG 20)				**3,927**	**2,888**	**3,844**	**3,400**	**3,931**	**2,888**	**3,847**	**3,404**
	FDR_X2L1D10 (BLDG 20)	CABLE	In	3,927	2,888	3,844	3,400	3,931	2,888	3,847	3,404
X2L1D2 (BLDG 20)				**5,380**	**4,441**	**5,483**	**4,659**	**5,413**	**4,444**	**5,502**	**4,687**
	FDR_LAB-EQUIP	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L1D2 (BLDG 20)	CABLE	In	5,380	4,441	5,483	4,659	5,413	4,444	5,502	4,687
X2L1D3 (BLDG 20)				**4,721**	**3,688**	**4,720**	**4,088**	**4,735**	**3,689**	**4,728**	**4,101**
	FDR_X2L1D3 (BLDG 20)	CABLE	In	4,721	3,688	4,720	4,088	4,735	3,689	4,728	4,101
X2L1D4 (BLDG 20)				**4,391**	**3,342**	**4,351**	**3,803**	**4,400**	**3,343**	**4,356**	**3,811**
	FDR_X2L1D4 (BLDG 20)	CABLE	In	4,391	3,342	4,351	3,803	4,400	3,343	4,356	3,811
X2L1D5 (BLDG 20)				**3,765**	**2,738**	**3,672**	**3,261**	**3,769**	**2,738**	**3,674**	**3,264**
	FDR_X2L1D5 (BLDG 20)	CABLE	In	3,765	2,738	3,672	3,261	3,769	2,738	3,674	3,264
X2L1D6 (BLDG 20)				**6,606**	**6,118**	**7,005**	**5,721**	**6,739**	**6,149**	**7,088**	**5,836**
	FDR_X2L1D6 (BLDG 20)	CABLE	In	6,606	6,118	7,005	5,721	6,739	6,149	7,088	5,836
X2L1D7 (BLDG 20)				**5,689**	**4,828**	**5,855**	**4,927**	**5,737**	**4,834**	**5,882**	**4,968**
	FDR_X2L1D7 (BLDG 20)	CABLE	In	5,689	4,828	5,855	4,927	5,737	4,834	5,882	4,968
X2L1D8 (BLDG 20)				**4,966**	**3,958**	**5,000**	**4,301**	**4,986**	**3,960**	**5,011**	**4,318**
	FDR_X2L1D8 (BLDG 20)	CABLE	In	4,966	3,958	5,000	4,301	4,986	3,960	5,011	4,318
X2L1D9 (BLDG 20)				**4,194**	**3,145**	**4,134**	**3,632**	**4,200**	**3,145**	**4,138**	**3,638**
	FDR_X2L1D9 (BLDG 20)	CABLE	In	4,194	3,145	4,134	3,632	4,200	3,145	4,138	3,638
X2L2A1 (BLDG 20)				**7,036**	**5,848**	**7,155**	**6,094**	**7,118**	**5,861**	**7,205**	**6,164**
	FDR_X2L2A1 (BLDG 20)	CABLE	In	7,036	5,848	7,155	6,094	7,118	5,861	7,205	6,164
X2L2A10 (BLDG 20)				**4,266**	**2,996**	**4,112**	**3,695**	**4,269**	**2,996**	**4,114**	**3,697**
	FDR_X2L2A10 (BLDG 20)	CABLE	In	4,266	2,996	4,112	3,695	4,269	2,996	4,114	3,697
X2L2A2 (BLDG 20)				**5,974**	**4,630**	**5,944**	**5,174**	**6,001**	**4,633**	**5,960**	**5,197**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_X2L2A2 (BLDG 20)	CABLE	In	5,974	4,630	5,944	5,174	6,001	4,633	5,960	5,197
X2L2A3 (BLDG 20)				**5,163**	**3,813**	**5,057**	**4,471**	**5,174**	**3,814**	**5,064**	**4,481**
	FDR_X2L2A3 (BLDG 20)	CABLE	In	5,163	3,813	5,057	4,471	5,174	3,814	5,064	4,481
X2L2A4 (BLDG 20)				**4,532**	**3,233**	**4,389**	**3,925**	**4,537**	**3,233**	**4,392**	**3,929**
	FDR_X2L2A4 (BLDG 20)	CABLE	In	4,532	3,233	4,389	3,925	4,537	3,233	4,392	3,929
X2L2A5 (BLDG 20)				**4,075**	**2,834**	**3,915**	**3,529**	**4,077**	**2,834**	**3,916**	**3,531**
	FDR_X2L2A5 (BLDG 20)	CABLE	In	4,075	2,834	3,915	3,529	4,077	2,834	3,916	3,531
X2L2A6 (BLDG 20)				**7,551**	**6,509**	**7,761**	**6,540**	**7,684**	**6,535**	**7,845**	**6,654**
	FDR_PORTABLE-UPS	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L2A6 (BLDG 20)	CABLE	In	7,551	6,509	7,761	6,540	7,684	6,535	7,845	6,654
X2L2A7 (BLDG 20)				**6,477**	**5,166**	**6,510**	**5,609**	**6,518**	**5,170**	**6,535**	**5,645**
	FDR_X2L2A7 (BLDG 20)	CABLE	In	6,477	5,166	6,510	5,609	6,518	5,170	6,535	5,645
X2L2A8 (BLDG 20)				**5,544**	**4,175**	**5,469**	**4,801**	**5,559**	**4,176**	**5,478**	**4,815**
	FDR_X2L2A8 (BLDG 20)	CABLE	In	5,544	4,175	5,469	4,801	5,559	4,176	5,478	4,815
X2L2A9 (BLDG 20)				**4,828**	**3,492**	**4,699**	**4,181**	**4,834**	**3,492**	**4,703**	**4,187**
	FDR_X2L2A9 (BLDG 20)	CABLE	In	4,828	3,492	4,699	4,181	4,834	3,492	4,703	4,187
X2L2B1 (BLDG 20)				**7,034**	**6,325**	**7,337**	**6,091**	**7,150**	**6,351**	**7,411**	**6,192**
	FDR_X2L2B1 (BLDG 20)	CABLE	In	7,034	6,325	7,337	6,091	7,150	6,351	7,411	6,192
X2L2B10 (BLDG 20)				**3,881**	**2,770**	**3,754**	**3,361**	**3,884**	**2,770**	**3,756**	**3,364**
	FDR_X2L2B10 (BLDG 20)	CABLE	In	3,881	2,770	3,754	3,361	3,884	2,770	3,756	3,364
X2L2B2 (BLDG 20)				**5,991**	**4,946**	**6,082**	**5,188**	**6,030**	**4,951**	**6,105**	**5,222**
	FDR_X2L2B2 (BLDG 20)	CABLE	In	5,991	4,946	6,082	5,188	6,030	4,951	6,105	5,222
X2L2B3 (BLDG 20)				**5,186**	**4,033**	**5,162**	**4,491**	**5,202**	**4,034**	**5,171**	**4,505**
	FDR_X2L2B3 (BLDG 20)	CABLE	In	5,186	4,033	5,162	4,491	5,202	4,034	5,171	4,505
X2L2B4 (BLDG 20)				**4,556**	**3,393**	**4,470**	**3,946**	**4,563**	**3,394**	**4,474**	**3,952**
	FDR_X2L2B4 (BLDG 20)	CABLE	In	4,556	3,393	4,470	3,946	4,563	3,394	4,474	3,952
X2L2B5 (BLDG 20)				**4,054**	**2,924**	**3,935**	**3,511**	**4,058**	**2,924**	**3,937**	**3,514**
	FDR_X2L2B5 (BLDG 20)	CABLE	In	4,054	2,924	3,935	3,511	4,058	2,924	3,937	3,514
X2L2B6 (BLDG 20)				**6,584**	**5,700**	**6,787**	**5,702**	**6,657**	**5,713**	**6,832**	**5,765**
	FDR_LAB-EQUIPMENT1	CABLE	In	0	0	0	0	0	0	0	0
	FDR_X2L2B6 (BLDG 20)	CABLE	In	6,584	5,700	6,787	5,702	6,657	5,713	6,832	5,765

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
X2L2B7 (BLDG 20)				**5,644**	**4,538**	**5,680**	**4,888**	**5,671**	**4,541**	**5,696**	**4,911**
	FDR_X2L2B7 (BLDG 20)	CABLE	In	5,644	4,538	5,680	4,888	5,671	4,541	5,696	4,911
X2L2B8 (BLDG 20)				**4,916**	**3,751**	**4,862**	**4,257**	**4,927**	**3,752**	**4,869**	**4,267**
	FDR_X2L2B8 (BLDG 20)	CABLE	In	4,916	3,751	4,862	4,257	4,927	3,752	4,869	4,267
X2L2B9 (BLDG 20)				**4,342**	**3,189**	**4,240**	**3,760**	**4,347**	**3,189**	**4,243**	**3,765**
	FDR_X2L2B9 (BLDG 20)	CABLE	In	4,342	3,189	4,240	3,760	4,347	3,189	4,243	3,765
X2L2C1 (BLDG 20)				**6,998**	**6,171**	**7,253**	**6,060**	**7,131**	**6,199**	**7,339**	**6,176**
	FDR_X2L2C1 (BLDG 20)	CABLE	In	6,998	6,171	7,253	6,060	7,131	6,199	7,339	6,176
X2L2C10 (BLDG 20)				**3,934**	**2,786**	**3,803**	**3,407**	**3,937**	**2,786**	**3,804**	**3,410**
	FDR_X2L2C10 (BLDG 20)	CABLE	In	3,934	2,786	3,803	3,407	3,937	2,786	3,804	3,410
X2L2C2 (BLDG 20)				**6,106**	**4,993**	**6,194**	**5,288**	**6,151**	**4,998**	**6,221**	**5,327**
	FDR_X2L2C2 (BLDG 20)	CABLE	In	6,106	4,993	6,194	5,288	6,151	4,998	6,221	5,327
X2L2C3 (BLDG 20)				**5,276**	**4,065**	**5,247**	**4,569**	**5,293**	**4,066**	**5,257**	**4,584**
	FDR_X2L2C3 (BLDG 20)	CABLE	In	5,276	4,065	5,247	4,569	5,293	4,066	5,257	4,584
X2L2C4 (BLDG 20)				**4,627**	**3,416**	**4,536**	**4,007**	**4,635**	**3,417**	**4,541**	**4,014**
	FDR_X2L2C4 (BLDG 20)	CABLE	In	4,627	3,416	4,536	4,007	4,635	3,417	4,541	4,014
X2L2C5 (BLDG 20)				**4,111**	**2,941**	**3,988**	**3,561**	**4,115**	**2,941**	**3,990**	**3,564**
	FDR_X2L2C5 (BLDG 20)	CABLE	In	4,111	2,941	3,988	3,561	4,115	2,941	3,990	3,564
X2L2C6 (BLDG 20)				**6,556**	**5,578**	**6,723**	**5,678**	**6,641**	**5,592**	**6,775**	**5,751**
	FDR_X2L2C6 (BLDG 20)	CABLE	In	6,556	5,578	6,723	5,678	6,641	5,592	6,775	5,751
X2L2C7 (BLDG 20)				**5,631**	**4,464**	**5,646**	**4,876**	**5,661**	**4,468**	**5,664**	**4,903**
	FDR_X2L2C7 (BLDG 20)	CABLE	In	5,631	4,464	5,646	4,876	5,661	4,468	5,664	4,903
X2L2C8 (BLDG 20)				**4,909**	**3,703**	**4,843**	**4,252**	**4,922**	**3,703**	**4,851**	**4,263**
	FDR_X2L2C8 (BLDG 20)	CABLE	In	4,909	3,703	4,843	4,252	4,922	3,703	4,851	4,263
X2L2C9 (BLDG 20)				**4,909**	**3,703**	**4,843**	**4,252**	**4,922**	**3,703**	**4,851**	**4,263**
	FDR_X2L2C9 (BLDG 20)	CABLE	In	4,909	3,703	4,843	4,252	4,922	3,703	4,851	4,263
X2L2D1 (BLDG 20)				**6,213**	**5,517**	**6,491**	**5,381**	**6,299**	**5,533**	**6,543**	**5,455**
	FDR_X2L2D1 (BLDG 20)	CABLE	In	6,213	5,517	6,491	5,381	6,299	5,533	6,543	5,455
X2L2D10 (BLDG 20)				**3,926**	**2,882**	**3,841**	**3,400**	**3,931**	**2,883**	**3,844**	**3,404**
	FDR_X2L2D10 (BLDG 20)	CABLE	In	3,926	2,882	3,841	3,400	3,931	2,883	3,844	3,404
X2L2D2 (BLDG 20)				**5,379**	**4,429**	**5,475**	**4,659**	**5,412**	**4,432**	**5,494**	**4,687**
	FDR_X2L2D2 (BLDG 20)	CABLE	In	5,379	4,429	5,475	4,659	5,412	4,432	5,494	4,687

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
X2L2D3 (BLDG 20)				**4,720**	**3,679**	**4,714**	**4,088**	**4,734**	**3,680**	**4,722**	**4,100**
	FDR_X2L2D3 (BLDG 20)	CABLE	In	4,720	3,679	4,714	4,088	4,734	3,680	4,722	4,100
X2L2D4 (BLDG 20)				**4,193**	**3,139**	**4,130**	**3,631**	**4,200**	**3,139**	**4,134**	**3,637**
	FDR_X2L2D4 (BLDG 20)	CABLE	In	4,193	3,139	4,130	3,631	4,200	3,139	4,134	3,637
X2L2D5 (BLDG 20)				**3,765**	**2,733**	**3,669**	**3,261**	**3,769**	**2,733**	**3,671**	**3,264**
	FDR_X2L2D5 (BLDG 20)	CABLE	In	3,765	2,733	3,669	3,261	3,769	2,733	3,671	3,264
X2L2D6 (BLDG 20)				**6,606**	**6,095**	**6,989**	**5,721**	**6,738**	**6,125**	**7,072**	**5,836**
	FDR_X2L2D6 (BLDG 20)	CABLE	In	6,606	6,095	6,989	5,721	6,738	6,125	7,072	5,836
X2L2D7 (BLDG 20)				**5,689**	**4,813**	**5,846**	**4,927**	**5,736**	**4,819**	**5,873**	**4,968**
	FDR_X2L2D7 (BLDG 20)	CABLE	In	5,689	4,813	5,846	4,927	5,736	4,819	5,873	4,968
X2L2D8 (BLDG 20)				**4,966**	**3,948**	**4,994**	**4,301**	**4,985**	**3,950**	**5,005**	**4,318**
	FDR_X2L2D8 (BLDG 20)	CABLE	In	4,966	3,948	4,994	4,301	4,985	3,950	5,005	4,318
X2L2D9 (BLDG 20)				**4,390**	**3,336**	**4,346**	**3,802**	**4,400**	**3,336**	**4,351**	**3,810**
	FDR_X2L2D9 (BLDG 20)	CABLE	In	4,390	3,336	4,346	3,802	4,400	3,336	4,351	3,810
X2L3A1 (BLDG 20)				**7,018**	**5,924**	**7,180**	**6,078**	**7,098**	**5,936**	**7,228**	**6,147**
	FDR_X2L3A1 (BLDG 20)	CABLE	In	7,018	5,924	7,180	6,078	7,098	5,936	7,228	6,147
X2L3A10 (BLDG 20)				**4,211**	**2,978**	**4,066**	**3,647**	**4,214**	**2,978**	**4,068**	**3,650**
	FDR_X2L3A10 (BLDG 20)	CABLE	In	4,211	2,978	4,066	3,647	4,214	2,978	4,068	3,650
X2L3A2 (BLDG 20)				**5,960**	**4,676**	**5,956**	**5,161**	**5,987**	**4,679**	**5,972**	**5,185**
	FDR_X2L3A2 (BLDG 20)	CABLE	In	5,960	4,676	5,956	5,161	5,987	4,679	5,972	5,185
X2L3A3 (BLDG 20)				**5,152**	**3,843**	**5,064**	**4,462**	**5,163**	**3,844**	**5,070**	**4,471**
	FDR_X2L3A3 (BLDG 20)	CABLE	In	5,152	3,843	5,064	4,462	5,163	3,844	5,070	4,471
X2L3A4 (BLDG 20)				**4,116**	**2,896**	**3,967**	**3,564**	**4,119**	**2,896**	**3,969**	**3,567**
	FDR_X2L3A4 (BLDG 20)	CABLE	In	4,116	2,896	3,967	3,564	4,119	2,896	3,969	3,567
X2L3A5 (BLDG 20)				**4,025**	**2,818**	**3,873**	**3,485**	**4,027**	**2,819**	**3,874**	**3,488**
	FDR_X2L3A5 (BLDG 20)	CABLE	In	4,025	2,818	3,873	3,485	4,027	2,819	3,874	3,488
X2L3A6 (BLDG 20)				**7,531**	**6,603**	**7,795**	**6,522**	**7,660**	**6,629**	**7,876**	**6,634**
	FDR_X2L3A6 (BLDG 20)	CABLE	In	7,531	6,603	7,795	6,522	7,660	6,629	7,876	6,634
X2L3A7 (BLDG 20)				**6,349**	**5,112**	**6,398**	**5,498**	**6,389**	**5,116**	**6,422**	**5,533**
	FDR_X2L3A7 (BLDG 20)	CABLE	In	6,349	5,112	6,398	5,498	6,389	5,116	6,422	5,533
X2L3A8 (BLDG 20)				**5,450**	**4,140**	**5,389**	**4,720**	**5,465**	**4,141**	**5,398**	**4,733**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	FDR_X2L3A8 (BLDG 20)	CABLE	In	5,450	4,140	5,389	4,720	5,465	4,141	5,398	4,733
X2L3A9 (BLDG 20)				**4,524**	**3,254**	**4,393**	**3,918**	**4,528**	**3,255**	**4,396**	**3,922**
	FDR_X2L3A9 (BLDG 20)	CABLE	In	4,524	3,254	4,393	3,918	4,528	3,255	4,396	3,922
X2L3B1 (BLDG 20)				**7,039**	**6,344**	**7,349**	**6,096**	**7,154**	**6,369**	**7,423**	**6,196**
	FDR_X2L3B1 (BLDG 20)	CABLE	In	7,039	6,344	7,349	6,096	7,154	6,369	7,423	6,196
X2L3B10 (BLDG 20)				**3,882**	**2,773**	**3,756**	**3,362**	**3,885**	**2,773**	**3,758**	**3,365**
	FDR_X2L3B10 (BLDG 20)	CABLE	In	3,882	2,773	3,756	3,362	3,885	2,773	3,758	3,365
X2L3B2 (BLDG 20)				**5,994**	**4,957**	**6,089**	**5,191**	**6,033**	**4,962**	**6,112**	**5,225**
	FDR_X2L3B2 (BLDG 20)	CABLE	In	5,994	4,957	6,089	5,191	6,033	4,962	6,112	5,225
X2L3B3 (BLDG 20)				**5,188**	**4,040**	**5,166**	**4,493**	**5,204**	**4,041**	**5,175**	**4,506**
	FDR_X2L3B3 (BLDG 20)	CABLE	In	5,188	4,040	5,166	4,493	5,204	4,041	5,175	4,506
X2L3B4 (BLDG 20)				**4,558**	**3,398**	**4,473**	**3,947**	**4,565**	**3,398**	**4,477**	**3,953**
	FDR_X2L3B4 (BLDG 20)	CABLE	In	4,558	3,398	4,473	3,947	4,565	3,398	4,477	3,953
X2L3B5 (BLDG 20)				**4,055**	**2,928**	**3,938**	**3,512**	**4,059**	**2,928**	**3,940**	**3,515**
	FDR_X2L3B5 (BLDG 20)	CABLE	In	4,055	2,928	3,938	3,512	4,059	2,928	3,940	3,515
X2L3B6 (BLDG 20)				**6,588**	**5,715**	**6,797**	**5,705**	**6,661**	**5,728**	**6,842**	**5,769**
	FDR_X2L3B6 (BLDG 20)	CABLE	In	6,588	5,715	6,797	5,705	6,661	5,728	6,842	5,769
X2L3B7 (BLDG 20)				**5,647**	**4,548**	**5,686**	**4,890**	**5,674**	**4,550**	**5,702**	**4,913**
	FDR_X2L3B7 (BLDG 20)	CABLE	In	5,647	4,548	5,686	4,890	5,674	4,550	5,702	4,913
X2L3B8 (BLDG 20)				**4,918**	**3,757**	**4,866**	**4,259**	**4,929**	**3,758**	**4,873**	**4,269**
	FDR_X2L3B8 (BLDG 20)	CABLE	In	4,918	3,757	4,866	4,259	4,929	3,758	4,873	4,269
X2L3B9 (BLDG 20)				**4,343**	**3,193**	**4,243**	**3,762**	**4,349**	**3,194**	**4,246**	**3,766**
	FDR_X2L3B9 (BLDG 20)	CABLE	In	4,343	3,193	4,243	3,762	4,349	3,194	4,246	3,766
X2L3C1 (BLDG 20)				**6,336**	**5,266**	**6,466**	**5,487**	**6,391**	**5,273**	**6,499**	**5,535**
	FDR_X2L3C1 (BLDG 20)	CABLE	In	6,336	5,266	6,466	5,487	6,391	5,273	6,499	5,535
X2L3C10 (BLDG 20)				**4,425**	**3,224**	**4,320**	**3,832**	**4,430**	**3,224**	**4,323**	**3,837**
	FDR_X2L3C10 (BLDG 20)	CABLE	In	4,425	3,224	4,320	3,832	4,430	3,224	4,323	3,837
X2L3C2 (BLDG 20)				**5,955**	**4,809**	**6,019**	**5,157**	**5,992**	**4,813**	**6,041**	**5,189**
	FDR_X2L3C2 (BLDG 20)	CABLE	In	5,955	4,809	6,019	5,157	5,992	4,813	6,041	5,189
X2L3C3 (BLDG 20)				**4,127**	**2,953**	**4,004**	**3,574**	**4,130**	**2,953**	**4,006**	**3,577**
	FDR_X2L3C3 (BLDG 20)	CABLE	In	4,127	2,953	4,004	3,574	4,130	2,953	4,006	3,577

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
X2L3C4 (BLDG 20)				**4,321**	**3,128**	**4,209**	**3,742**	**4,326**	**3,128**	**4,212**	**3,746**
	FDR_X2L3C4 (BLDG 20)	CABLE	In	4,321	3,128	4,209	3,742	4,326	3,128	4,212	3,746
X2L3C5 (BLDG 20)				**4,890**	**3,669**	**4,821**	**4,235**	**4,900**	**3,669**	**4,827**	**4,244**
	FDR_X2L3C5 (BLDG 20)	CABLE	In	4,890	3,669	4,821	4,235	4,900	3,669	4,827	4,244
X2L3C6 (BLDG 20)				**3,948**	**2,796**	**3,817**	**3,419**	**3,951**	**2,796**	**3,819**	**3,422**
	FDR_X2L3C6 (BLDG 20)	CABLE	In	3,948	2,796	3,817	3,419	3,951	2,796	3,819	3,422
X2L3C7 (BLDG 20)				**3,299**	**2,254**	**3,150**	**2,857**	**3,300**	**2,254**	**3,150**	**2,858**
	FDR_X2L3C7 (BLDG 20)	CABLE	In	3,299	2,254	3,150	2,857	3,300	2,254	3,150	2,858
X2L3C8 (BLDG 20)				**5,020**	**3,799**	**4,964**	**4,348**	**5,033**	**3,800**	**4,972**	**4,358**
	FDR_X2L3C8 (BLDG 20)	CABLE	In	5,020	3,799	4,964	4,348	5,033	3,800	4,972	4,358
X2L3C9 (BLDG 20)				**5,611**	**4,421**	**5,625**	**4,859**	**5,636**	**4,423**	**5,640**	**4,881**
	FDR_X2L3C9 (BLDG 20)	CABLE	In	5,611	4,421	5,625	4,859	5,636	4,423	5,640	4,881
X2L3D1 (BLDG 20)				**4,955**	**3,953**	**4,991**	**4,292**	**4,975**	**3,955**	**5,002**	**4,309**
	FDR_X2L3D1 (BLDG 20)	CABLE	In	4,955	3,953	4,991	4,292	4,975	3,955	5,002	4,309
X2L3D2 (BLDG 20)				**3,838**	**2,808**	**3,751**	**3,324**	**3,842**	**2,809**	**3,753**	**3,327**
	FDR_X2L3D2 (BLDG 20)	CABLE	In	3,838	2,808	3,751	3,324	3,842	2,809	3,753	3,327
X2L3D3 (BLDG 20)				**4,487**	**3,447**	**4,460**	**3,886**	**4,498**	**3,448**	**4,466**	**3,895**
	FDR_X2L3D3 (BLDG 20)	CABLE	In	4,487	3,447	4,460	3,886	4,498	3,448	4,466	3,895
X2L3D4 (BLDG 20)				**4,093**	**3,052**	**4,027**	**3,545**	**4,100**	**3,052**	**4,030**	**3,550**
	FDR_X2L3D4 (BLDG 20)	CABLE	In	4,093	3,052	4,027	3,545	4,100	3,052	4,030	3,550
X2L3D5 (BLDG 20)				**3,513**	**2,513**	**3,407**	**3,042**	**3,516**	**2,513**	**3,408**	**3,045**
	FDR_X2L3D5 (BLDG 20)	CABLE	In	3,513	2,513	3,407	3,042	3,516	2,513	3,408	3,045
X2L3D6 (BLDG 20)				**4,711**	**3,684**	**4,711**	**4,080**	**4,725**	**3,685**	**4,719**	**4,092**
	FDR_X2L3D6 (BLDG 20)	CABLE	In	4,711	3,684	4,711	4,080	4,725	3,685	4,719	4,092
X2L3D7 (BLDG 20)				**3,382**	**2,398**	**3,270**	**2,929**	**3,384**	**2,398**	**3,271**	**2,931**
	FDR_X2L3D7 (BLDG 20)	CABLE	In	3,382	2,398	3,270	2,929	3,384	2,398	3,271	2,931
X2LBA1 (BLDG 20)				**10,518**	**10,635**	**11,011**	**9,109**	**11,735**	**11,524**	**12,091**	**10,163**
	FDR_X2LBA1 (BLDG 20)	CABLE	In	10,518	10,635	11,011	9,109	11,735	11,524	12,091	10,163
X2LBA2 (BLDG 20)				**9,715**	**9,319**	**10,181**	**8,414**	**10,406**	**9,651**	**10,717**	**9,012**
	FDR_X2LBA2 (BLDG 20)	CABLE	In	9,715	9,319	10,181	8,414	10,406	9,651	10,717	9,012
X2LBA3 (BLDG 20)				**9,510**	**8,997**	**9,949**	**8,236**	**10,106**	**9,257**	**10,399**	**8,752**
	FDR_X2LBA3 (BLDG 20)	CABLE	In	9,510	8,997	9,949	8,236	10,106	9,257	10,399	8,752

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
X2LBA4 (BLDG 20)				**9,443**	**8,894**	**9,872**	**8,178**	**10,011**	**9,133**	**10,298**	**8,669**
	FDR_X2LBA4 (BLDG 20)	CABLE	In	9,443	8,894	9,872	8,178	10,011	9,133	10,298	8,669
X2LBA5 (BLDG 20)				**9,311**	**8,692**	**9,719**	**8,063**	**9,826**	**8,896**	**10,100**	**8,510**
	FDR_X2LBA5 (BLDG 20)	CABLE	In	9,311	8,692	9,719	8,063	9,826	8,896	10,100	8,510
X2LBA6 (BLDG 20)				**9,856**	**9,542**	**10,336**	**8,535**	**10,619**	**9,935**	**10,941**	**9,196**
	FDR_X2LBA6 (BLDG 20)	CABLE	In	9,856	9,542	10,336	8,535	10,619	9,935	10,941	9,196
X2LBA7 (BLDG 20)				**10,144**	**10,010**	**10,644**	**8,785**	**11,079**	**10,569**	**11,420**	**9,595**
	FDR_X2LBA7 (BLDG 20)	CABLE	In	10,144	10,010	10,644	8,785	11,079	10,569	11,420	9,595
X2LBB1 (BLDG 20)				**10,167**	**10,162**	**10,755**	**8,805**	**11,028**	**10,677**	**11,464**	**9,550**
	FDR_X2LBB1 (BLDG 20)	CABLE	In	10,167	10,162	10,755	8,805	11,028	10,677	11,464	9,550
X2LBB2 (BLDG 20)				**9,921**	**9,743**	**10,496**	**8,592**	**10,626**	**10,106**	**11,050**	**9,203**
	FDR_X2LBB2 (BLDG 20)	CABLE	In	9,921	9,743	10,496	8,592	10,626	10,106	11,050	9,203
X2LBB3 (BLDG 20)				**9,681**	**9,344**	**10,229**	**8,384**	**10,261**	**9,603**	**10,667**	**8,887**
	FDR_X2LBB3 (BLDG 20)	CABLE	In	9,681	9,344	10,229	8,384	10,261	9,603	10,667	8,887
X2LBB4 (BLDG 20)				**9,447**	**8,965**	**9,959**	**8,181**	**9,927**	**9,152**	**10,308**	**8,597**
	FDR_X2LBB4 (BLDG 20)	CABLE	In	9,447	8,965	9,959	8,181	9,927	9,152	10,308	8,597
X2LBB5 (BLDG 20)				**9,524**	**9,089**	**10,049**	**8,248**	**10,035**	**9,297**	**10,425**	**8,691**
	FDR_X2LBB5 (BLDG 20)	CABLE	In	9,524	9,089	10,049	8,248	10,035	9,297	10,425	8,691
X2LBB6 (BLDG 20)				**8,648**	**7,750**	**9,004**	**7,490**	**8,896**	**7,812**	**9,168**	**7,704**
	FDR_X2LBB6 (BLDG 20)	CABLE	In	8,648	7,750	9,004	7,490	8,896	7,812	9,168	7,704
X2LBB7 (BLDG 20)				**8,001**	**6,856**	**8,227**	**6,929**	**8,143**	**6,882**	**8,317**	**7,052**
	FDR_X2LBB7 (BLDG 20)	CABLE	In	8,001	6,856	8,227	6,929	8,143	6,882	8,317	7,052
X2LBC1 (BLDG 20)				**9,370**	**9,270**	**9,972**	**8,115**	**9,997**	**9,587**	**10,459**	**8,658**
	FDR_X2LBC1 (BLDG 20)	CABLE	In	9,370	9,270	9,972	8,115	9,997	9,587	10,459	8,658
X2LBC2 (BLDG 20)				**9,084**	**8,787**	**9,643**	**7,867**	**9,575**	**8,994**	**10,005**	**8,292**
	FDR_X2LBC2 (BLDG 20)	CABLE	In	9,084	8,787	9,643	7,867	9,575	8,994	10,005	8,292
X2LBC3 (BLDG 20)				**8,739**	**8,230**	**9,232**	**7,568**	**9,104**	**8,355**	**9,488**	**7,885**
	FDR_X2LBC3 (BLDG 20)	CABLE	In	8,739	8,230	9,232	7,568	9,104	8,355	9,488	7,885
X2LBC4 (BLDG 20)				**8,541**	**7,920**	**8,990**	**7,396**	**8,848**	**8,013**	**9,200**	**7,662**
	FDR_X2LBC4 (BLDG 20)	CABLE	In	8,541	7,920	8,990	7,396	8,848	8,013	9,200	7,662
X2LBC5 (BLDG 20)				**8,412**	**7,723**	**8,833**	**7,285**	**8,686**	**7,800**	**9,017**	**7,522**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
	FDR_X2LBC5 (BLDG 20)	CABLE	In	8,412	7,723	8,833	7,285	8,686	7,800	9,017	7,522
X2LBC6 (BLDG 20)				**8,223**	**7,441**	**8,602**	**7,121**	**8,455**	**7,500**	**8,755**	**7,322**
	FDR_X2LBC6 (BLDG 20)	CABLE	In	8,223	7,441	8,602	7,121	8,455	7,500	8,755	7,322
X2LBC7 (BLDG 20)				**8,040**	**7,176**	**8,378**	**6,963**	**8,237**	**7,221**	**8,506**	**7,133**
	FDR_X2LBC7 (BLDG 20)	CABLE	In	8,040	7,176	8,378	6,963	8,237	7,221	8,506	7,133
X2LBD1 (BLDG 20)				**4,263**	**2,999**	**4,115**	**3,692**	**4,267**	**3,000**	**4,117**	**3,695**
	FDR_X2LBD1 (BLDG 20)	CABLE	In	4,263	2,999	4,115	3,692	4,267	3,000	4,117	3,695
X2LBD2 (BLDG 20)				**4,951**	**3,615**	**4,840**	**4,288**	**4,960**	**3,616**	**4,845**	**4,295**
	FDR_X2LBD2 (BLDG 20)	CABLE	In	4,951	3,615	4,840	4,288	4,960	3,616	4,845	4,295
X2LBD3 (BLDG 20)				**5,701**	**4,349**	**5,656**	**4,937**	**5,721**	**4,351**	**5,667**	**4,954**
	FDR_X2LBD3 (BLDG 20)	CABLE	In	5,701	4,349	5,656	4,937	5,721	4,351	5,667	4,954
XFMR-3A-PRI				**7,226**	**6,014**	**7,362**	**6,258**	**7,796**	**6,152**	**7,762**	**6,752**
	XFMR-3A	2W-XFMR	In	7	4	6	6	7	4	7	6
	FDR_XFMR-3A	CABLE	In	7,219	6,011	7,356	6,252	7,789	6,148	7,755	6,745
XFMR-3A-SEC				**12,728**	**12,934**	**12,874**	**11,023**	**15,532**	**15,842**	**15,740**	**13,451**
	FDR_SB3S1_MAIN-A	CABLE	In	194	131	171	168	236	161	209	205
	XFMR-3A	2W-XFMR	In	12,534	12,803	12,712	10,855	15,295	15,682	15,542	13,246
XFMR-3B-PRI				**7,188**	**5,979**	**7,320**	**6,225**	**7,751**	**6,114**	**7,715**	**6,712**
	XFMR-3B	2W-XFMR	In	7	4	6	6	7	4	7	6
	FDR_XFMR-3B	CABLE	In	7,182	5,975	7,314	6,219	7,743	6,111	7,708	6,706
XFMR-3B-SEC				**12,724**	**12,932**	**12,871**	**11,019**	**15,525**	**15,838**	**15,734**	**13,445**
	FDR_SB3S1_MAIN-B	CABLE	In	194	131	171	168	236	161	209	205
	XFMR-3B	2W-XFMR	In	12,531	12,800	12,709	10,852	15,288	15,677	15,537	13,240
XFMR-3LN-PRI				**8,819**	**7,044**	**8,705**	**7,638**	**9,409**	**7,227**	**9,150**	**8,149**
	XFMR-3LN	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-3LN	CABLE	In	8,819	7,044	8,705	7,638	9,409	7,227	9,150	8,149
XFMR-3LN-SEC				**4,782**	**5,187**	**5,041**	**4,141**	**5,247**	**5,708**	**5,541**	**4,544**
	FDR_LN (BLDG 3)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-3LN	2W-XFMR	In	4,782	5,187	5,041	4,141	5,247	5,708	5,541	4,544
XFMR-4A-PRI				**7,157**	**5,989**	**7,303**	**6,198**	**7,696**	**6,119**	**7,681**	**6,665**
	XFMR-4A	2W-XFMR	In	12	7	11	11	13	7	12	11
	FDR_XFMR-4A	CABLE	In	7,145	5,982	7,292	6,188	7,683	6,112	7,669	6,654

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
XFMR-4A-SEC				**12,872**	**13,033**	**12,998**	**11,148**	**15,689**	**15,951**	**15,876**	**13,587**
	FDR_SB4S1_MAIN-A	CABLE	In	345	233	305	299	421	285	373	364
	XFMR-4A	2W-XFMR	In	12,527	12,800	12,709	10,849	15,268	15,666	15,523	13,223
XFMR-4B-PRI				**7,120**	**5,954**	**7,262**	**6,166**	**7,652**	**6,082**	**7,634**	**6,627**
	XFMR-4B	2W-XFMR	In	12	7	11	11	13	7	12	11
	FDR_XFMR-4B	CABLE	In	7,108	5,947	7,251	6,156	7,639	6,075	7,623	6,615
XFMR-4B-SEC				**12,868**	**13,030**	**12,995**	**11,144**	**15,680**	**15,945**	**15,870**	**13,580**
	FDR_SB4S1_MAIN-B	CABLE	In	345	233	305	299	420	285	372	364
	XFMR-4B	2W-XFMR	In	12,523	12,798	12,706	10,845	15,260	15,660	15,516	13,216
XFMR-9T1-PRI				**7,303**	**6,082**	**7,450**	**6,325**	**7,901**	**6,224**	**7,869**	**6,842**
	XFMR-9T1	2W-XFMR	In	28	15	25	24	30	16	26	26
	FDR_XFMR-9T1	CABLE	In	7,276	6,067	7,425	6,301	7,871	6,208	7,842	6,817
XFMR-9T1-SEC				**26,045**	**26,913**	**26,721**	**22,555**	**33,316**	**34,821**	**34,392**	**28,853**
	FDR_SWGR-1_MAIN A	CABLE	In	779	537	692	675	997	695	890	863
	XFMR-9T1	2W-XFMR	In	25,265	26,376	26,066	21,880	32,319	34,126	33,549	27,989
XFMR-9T2-PRI				**7,039**	**5,838**	**7,148**	**6,096**	**7,570**	**5,969**	**7,524**	**6,556**
	XFMR-9T2	2W-XFMR	In	141	78	127	122	151	80	134	131
	FDR_XFMR-9T2	CABLE	In	6,901	5,761	7,021	5,976	7,421	5,891	7,390	6,427
XFMR-9T2-SEC				**29,543**	**29,289**	**29,720**	**25,585**	**37,449**	**37,698**	**37,952**	**32,431**
	FDR_SWGR-1_MAIN B	CABLE	In	4,474	2,957	3,961	3,875	5,672	3,806	5,058	4,912
	XFMR-9T2	2W-XFMR	In	25,071	26,333	25,958	21,712	31,779	33,893	33,148	27,522
XFMR-9T3-PRI				**7,166**	**5,986**	**7,307**	**6,206**	**7,718**	**6,120**	**7,694**	**6,684**
	XFMR-9T3	2W-XFMR	In	38	21	35	33	41	22	36	36
	FDR_XFMR-9T3	CABLE	In	7,129	5,965	7,273	6,174	7,678	6,099	7,658	6,649
XFMR-9T3-SEC				**26,262**	**27,054**	**26,911**	**22,743**	**33,517**	**34,949**	**34,569**	**29,027**
	FDR_SWGR-2_MAIN A	CABLE	In	1,091	749	968	945	1,392	968	1,243	1,206
	XFMR-9T3	2W-XFMR	In	25,171	26,305	25,995	21,799	32,125	33,982	33,392	27,821
XFMR-9T4-PRI				**7,168**	**5,927**	**7,282**	**6,207**	**7,740**	**6,065**	**7,685**	**6,703**
	XFMR-9T4	2W-XFMR	In	128	71	116	111	138	72	122	120
	FDR_XFMR-9T4	CABLE	In	7,042	5,858	7,166	6,098	7,604	5,994	7,563	6,585
XFMR-9T4-SEC				**29,003**	**28,871**	**29,219**	**25,117**	**36,847**	**37,214**	**37,386**	**31,911**
	FDR_SWGR-2_MAIN B	CABLE	In	4,014	2,664	3,554	3,476	5,100	3,434	4,547	4,417

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
	XFMR-9T4	2W-XFMR	In	24,991	26,208	25,841	21,643	31,750	33,782	33,064	27,496
XFMR-DP-3D4-PRI				**9,739**	**8,020**	**9,735**	**8,434**	**10,414**	**8,227**	**10,237**	**9,019**
	XFMR-DP-3D4	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-DP-3D4	CABLE	In	9,739	8,020	9,735	8,434	10,414	8,227	10,237	9,019
XFMR-DP-3D4-SEC				**6,061**	**6,657**	**6,470**	**5,249**	**6,792**	**7,503**	**7,277**	**5,882**
	FDR_DP-3D4	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-DP-3D4	2W-XFMR	In	6,061	6,657	6,470	5,249	6,792	7,503	7,277	5,882
XFMR-DP-3D6-PRI				**9,839**	**8,256**	**9,851**	**8,521**	**10,613**	**8,527**	**10,438**	**9,191**
	XFMR-DP-3D6	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-DP-3D6	CABLE	In	9,839	8,256	9,851	8,521	10,613	8,527	10,438	9,191
XFMR-DP-3D6-SEC				**6,075**	**6,668**	**6,473**	**5,261**	**6,832**	**7,536**	**7,303**	**5,917**
	FDR_DP-3D6	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-DP-3D6	2W-XFMR	In	6,075	6,668	6,473	5,261	6,832	7,536	7,303	5,917
XFMR-DP-4D4-PRI				**10,477**	**8,772**	**10,496**	**9,073**	**11,443**	**9,108**	**11,230**	**9,910**
	XFMR-DP-4D4	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-DP-4D4	CABLE	In	10,477	8,772	10,496	9,073	11,443	9,108	11,230	9,910
XFMR-DP-4D4-SEC				**6,173**	**6,746**	**6,545**	**5,346**	**6,978**	**7,655**	**7,415**	**6,043**
	FDR_DP-4D4	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-DP-4D4	2W-XFMR	In	6,173	6,746	6,545	5,346	6,978	7,655	7,415	6,043
XFMR-DP-4D6-PRI				**10,124**	**8,440**	**10,147**	**8,767**	**10,862**	**8,679**	**10,699**	**9,407**
	XFMR-DP-4D6	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-DP-4D6	CABLE	In	10,124	8,440	10,147	8,767	10,862	8,679	10,699	9,407
XFMR-DP-4D6-SEC				**6,122**	**6,706**	**6,518**	**5,302**	**6,874**	**7,570**	**7,343**	**5,953**
	FDR_DP-4D6	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-DP-4D6	2W-XFMR	In	6,122	6,706	6,518	5,302	6,874	7,570	7,343	5,953
XFMR-LN (BLDG 4)-PRI				**7,630**	**5,612**	**7,459**	**6,608**	**7,721**	**5,624**	**7,519**	**6,686**
	XFMR-LN (BLDG 4)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-LN (BLDG 4)	CABLE	In	7,630	5,612	7,459	6,608	7,721	5,624	7,519	6,686
XFMR-LN (BLDG 4)-SEC				**4,646**	**5,083**	**5,004**	**4,024**	**4,950**	**5,465**	**5,362**	**4,286**
	FDR_LN (BLDG 4)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-LN (BLDG 4)	2W-XFMR	In	4,646	5,083	5,004	4,024	4,950	5,465	5,362	4,286
XFMR-LP2 (BLDG 5)-PRI				**8,142**	**6,625**	**8,118**	**7,051**	**8,376**	**6,684**	**8,284**	**7,254**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	XFMR-LP2 (BLDG 5)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-LP2 (BLDG 5)	CABLE	In	8,142	6,625	8,118	7,051	8,376	6,684	8,284	7,254
XFMR-LP2 (BLDG 5)-SEC				**4,347**	**4,705**	**4,614**	**3,764**	**4,754**	**5,186**	**5,071**	**4,117**
	FDR_LP2 (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-LP2 (BLDG 5)	2W-XFMR	In	4,347	4,705	4,614	3,764	4,754	5,186	5,071	4,117
XFMR-LP4 (BLDG 5)-PRI				**9,359**	**8,198**	**9,354**	**8,105**	**10,161**	**8,583**	**10,001**	**8,799**
	XFMR-LP4 (BLDG 5)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-LP4 (BLDG 5)	CABLE	In	9,359	8,198	9,354	8,105	10,161	8,583	10,001	8,799
XFMR-LP4 (BLDG 5)-SEC				**4,466**	**4,796**	**4,670**	**3,867**	**4,994**	**5,376**	**5,231**	**4,325**
	FDR_LP4 (BLDG 5)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-LP4 (BLDG 5)	2W-XFMR	In	4,466	4,796	4,670	3,867	4,994	5,376	5,231	4,325
XFMR-T1A (BLDG 20)-PRI				**6,985**	**5,732**	**7,047**	**6,049**	**7,519**	**5,870**	**7,430**	**6,512**
	XFMR-T1A (BLDG 20)	2W-XFMR	In	16	9	15	14	18	9	16	15
	FDR_XFMR-T1A (BLDG 20)	CABLE	In	6,969	5,723	7,032	6,035	7,502	5,861	7,414	6,497
XFMR-T1A (BLDG 20)-SEC				**36,399**	**38,628**	**38,136**	**31,522**	**46,415**	**50,124**	**49,122**	**40,197**
	FDR_SB1A (BLDG 20)	CABLE	In	457	323	407	396	582	419	525	504
	XFMR-T1A (BLDG 20)	2W-XFMR	In	35,942	38,305	37,749	31,127	45,833	49,706	48,623	39,693
XFMR-T1B (BLDG 20)-PRI				**6,861**	**5,595**	**6,896**	**5,942**	**7,374**	**5,729**	**7,267**	**6,386**
	XFMR-T1B (BLDG 20)	2W-XFMR	In	11	6	10	10	12	6	10	10
	FDR_XFMR-T1B (BLDG 20)	CABLE	In	6,850	5,589	6,886	5,932	7,362	5,722	7,256	6,376
XFMR-T1B (BLDG 20)-SEC				**35,153**	**37,313**	**36,833**	**30,443**	**44,836**	**48,426**	**47,453**	**38,829**
	FDR_SB1B (BLDG 20)	CABLE	In	306	217	273	265	390	281	352	338
	XFMR-T1B (BLDG 20)	2W-XFMR	In	34,847	37,097	36,573	30,178	44,446	48,145	47,118	38,492
XFMR-T2 (EL2LBA1)-PRI				**60**	**54**	**58**	**52**	**82**	**73**	**79**	**71**
	XFMR-T2 (EL2LBA1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T2 (EL2LBA1)	CABLE	In	60	54	58	52	82	73	79	71
XFMR-T2 (EL2LBA1)-SEC				**118**	**165**	**175**	**102**	**153**	**210**	**221**	**133**
	FDR_EL2LBA1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T2 (EL2LBA1)	2W-XFMR	In	118	165	175	102	153	210	221	133
XFMR-T2 (EL2LBB1)-PRI				**60**	**54**	**58**	**52**	**82**	**74**	**79**	**71**
	XFMR-T2 (EL2LBB1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T2 (EL2LBB1)	CABLE	In	60	54	58	52	82	74	79	71

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
XFMR-T2 (EL2LBB1)-SEC				**118**	**165**	**175**	**102**	**154**	**211**	**222**	**133**
	FDR_EL2LBB1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T2 (EL2LBB1)	2W-XFMR	In	118	165	175	102	154	211	222	133
XFMR-T2 (EL2LBC1)-PRI				**60**	**54**	**58**	**52**	**83**	**74**	**79**	**71**
	XFMR-T2 (EL2LBC1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T2 (EL2LBC1)	CABLE	In	60	54	58	52	83	74	79	71
XFMR-T2 (EL2LBC1)-SEC				**118**	**165**	**175**	**102**	**154**	**211**	**222**	**133**
	FDR_EL2LBC1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T2 (EL2LBC1)	2W-XFMR	In	118	165	175	102	154	211	222	133
XFMR-T2 (M2S11)-PRI				**6,185**	**3,824**	**5,715**	**5,357**	**6,187**	**3,824**	**5,716**	**5,358**
	XFMR-T2 (M2S11)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T2 (M2S11)	CABLE	In	6,185	3,824	5,715	5,357	6,187	3,824	5,716	5,358
XFMR-T2 (M2S11)-SEC				**750**	**762**	**762**	**650**	**797**	**812**	**811**	**690**
	FDR_M2S11 (BLDG 24)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T2 (M2S11)	2W-XFMR	In	750	762	762	650	797	812	811	690
XFMR-T2A (BLDG 20)-PRI				**6,992**	**5,739**	**7,055**	**6,056**	**7,529**	**5,877**	**7,440**	**6,521**
	XFMR-T2A (BLDG 20)	2W-XFMR	In	224	123	203	195	241	126	214	210
	FDR_XFMR-T2A (BLDG 20)	CABLE	In	6,770	5,617	6,853	5,863	7,290	5,753	7,227	6,313
XFMR-T2A (BLDG 20)-SEC				**41,857**	**42,111**	**42,666**	**36,249**	**52,698**	**54,271**	**54,346**	**45,637**
	FDR_SB2A (BLDG 20)	CABLE	In	7,207	4,938	6,450	6,262	9,074	6,363	8,215	7,884
	XFMR-T2A (BLDG 20)	2W-XFMR	In	34,675	37,180	36,479	29,997	43,655	47,917	46,466	37,766
XFMR-T2B (BLDG 20)-PRI				**6,868**	**5,601**	**6,904**	**5,948**	**7,384**	**5,736**	**7,277**	**6,395**
	XFMR-T2B (BLDG 20)	2W-XFMR	In	245	133	220	212	263	136	232	228
	FDR_XFMR-T2B (BLDG 20)	CABLE	In	6,626	5,470	6,685	5,738	7,124	5,601	7,045	6,169
XFMR-T2B (BLDG 20)-SEC				**42,991**	**43,052**	**43,770**	**37,232**	**53,850**	**55,293**	**55,505**	**46,635**
	FDR_SB2B (BLDG 20)	CABLE	In	7,962	5,315	7,075	6,895	9,973	6,827	8,972	8,637
	XFMR-T2B (BLDG 20)	2W-XFMR	In	35,044	37,746	36,999	30,349	43,896	48,478	46,918	38,015
XFMR-T2G (U2LB)-PRI				**14,396**	**9,627**	**13,650**	**12,468**	**14,405**	**9,627**	**13,655**	**12,475**
	XFMR-T2G (U2LB)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T2G (U2LB)	CABLE	In	14,396	9,627	13,650	12,468	14,405	9,627	13,655	12,475
XFMR-T2G (U2LB)-SEC				**1,122**	**1,133**	**1,133**	**972**	**1,198**	**1,213**	**1,211**	**1,037**
	FDR_U2LB (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	XFMR-T2G (U2LB)	2W-XFMR	In	1,122	1,133	1,133	972	1,198	1,213	1,211	1,037
XFMR-T2G (U2S1A)-PRI				**1,649**	**974**	**1,490**	**1,428**	**1,649**	**974**	**1,490**	**1,428**
	XFMR-T2G (U2S1A)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T2G (U2S1A)	CABLE	In	1,649	974	1,490	1,428	1,649	974	1,490	1,428
XFMR-T2G (U2S1A)-SEC				**959**	**1,021**	**1,048**	**830**	**973**	**1,047**	**1,070**	**843**
	FDR_U2S1A (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T2G (U2S1A)	2W-XFMR	In	959	1,021	1,048	830	973	1,047	1,070	843
XFMR-T3 (R2APA1)-PRI				**7,695**	**4,750**	**7,104**	**6,664**	**7,695**	**4,750**	**7,104**	**6,664**
	XFMR-T3 (R2APA1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3 (R2APA1)	CABLE	In	7,695	4,750	7,104	6,664	7,695	4,750	7,104	6,664
XFMR-T3 (R2APA1)-SEC				**1,862**	**1,915**	**1,926**	**1,612**	**1,972**	**2,047**	**2,050**	**1,708**
	FDR_R2APA1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T3 (R2APA1)	2W-XFMR	In	1,862	1,915	1,926	1,612	1,972	2,047	2,050	1,708
XFMR-T3A (BLDG 20)-PRI				**6,981**	**5,727**	**7,041**	**6,045**	**7,513**	**5,864**	**7,423**	**6,506**
	XFMR-T3A (BLDG 20)	2W-XFMR	In	265	145	239	229	285	148	252	247
	FDR_XFMR-T3A (BLDG 20)	CABLE	In	6,719	5,584	6,803	5,819	7,231	5,717	7,171	6,262
XFMR-T3A (BLDG 20)-SEC				**43,766**	**43,514**	**44,407**	**37,902**	**54,783**	**55,881**	**56,278**	**47,444**
	FDR_SB3A (BLDG 20)	CABLE	In	8,752	5,801	7,774	7,580	10,956	7,450	9,852	9,488
	XFMR-T3A (BLDG 20)	2W-XFMR	In	35,031	37,724	36,961	30,338	43,850	48,445	46,841	37,975
XFMR-T3B (BLDG 20)-PRI				**6,856**	**5,589**	**6,890**	**5,938**	**7,368**	**5,723**	**7,260**	**6,380**
	XFMR-T3B (BLDG 20)	2W-XFMR	In	245	133	221	212	264	136	233	228
	FDR_XFMR-T3B (BLDG 20)	CABLE	In	6,614	5,457	6,670	5,728	7,107	5,588	7,027	6,155
XFMR-T3B (BLDG 20)-SEC				**43,651**	**43,833**	**44,503**	**37,803**	**54,676**	**56,289**	**56,436**	**47,351**
	FDR_SB3B (BLDG 20)	CABLE	In	7,954	5,325	7,070	6,888	9,963	6,838	8,966	8,628
	XFMR-T3B (BLDG 20)	2W-XFMR	In	35,709	38,516	37,749	30,925	44,729	49,461	47,871	38,736
XFMR-T3G (U2A1B)-PRI				**4,888**	**3,054**	**4,512**	**4,233**	**4,889**	**3,054**	**4,512**	**4,234**
	XFMR-T3G (U2A1B)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2A1B)	CABLE	In	4,888	3,054	4,512	4,233	4,889	3,054	4,512	4,234
XFMR-T3G (U2A1B)-SEC				**1,799**	**1,886**	**1,893**	**1,558**	**1,889**	**2,001**	**1,999**	**1,636**
	FDR_U2A1B (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T3G (U2A1B)	2W-XFMR	In	1,799	1,886	1,893	1,558	1,889	2,001	1,999	1,636
XFMR-T3G (U2A2A)-PRI				**10,077**	**6,552**	**9,440**	**8,727**	**10,082**	**6,553**	**9,443**	**8,731**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	XFMR-T3G (U2A2A)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2A2A)	CABLE	In	10,077	6,552	9,440	8,727	10,082	6,553	9,443	8,731
XFMR-T3G (U2A2A)-SEC				**1,931**	**1,979**	**1,980**	**1,672**	**2,068**	**2,134**	**2,128**	**1,791**
	FDR_U2A2A (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T3G (U2A2A)	2W-XFMR	In	1,931	1,979	1,980	1,672	2,068	2,134	2,128	1,791
XFMR-T3G (U2L1A)-PRI				**8,158**	**5,184**	**7,589**	**7,065**	**8,159**	**5,184**	**7,589**	**7,066**
	XFMR-T3G (U2L1A)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2L1A)	CABLE	In	8,158	5,184	7,589	7,065	8,159	5,184	7,589	7,066
XFMR-T3G (U2L1A)-SEC				**1,905**	**1,961**	**1,966**	**1,650**	**2,026**	**2,103**	**2,100**	**1,755**
	FDR_U2L1A (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T3G (U2L1A)	2W-XFMR	In	1,905	1,961	1,966	1,650	2,026	2,103	2,100	1,755
XFMR-T3G (U2L1B)-PRI				**5,093**	**3,189**	**4,704**	**4,410**	**5,094**	**3,189**	**4,705**	**4,411**
	XFMR-T3G (U2L1B)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2L1B)	CABLE	In	5,093	3,189	4,704	4,410	5,094	3,189	4,705	4,411
XFMR-T3G (U2L1B)-SEC				**1,808**	**1,893**	**1,899**	**1,566**	**1,902**	**2,011**	**2,008**	**1,647**
	FDR_U2L1B (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T3G (U2L1B)	2W-XFMR	In	1,808	1,893	1,899	1,566	1,902	2,011	2,008	1,647
XFMR-T3G (U2L1C)-PRI				**3,661**	**2,224**	**3,350**	**3,170**	**3,661**	**2,224**	**3,350**	**3,170**
	XFMR-T3G (U2L1C)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2L1C)	CABLE	In	3,661	2,224	3,350	3,170	3,661	2,224	3,350	3,170
XFMR-T3G (U2L1C)-SEC				**1,747**	**1,850**	**1,875**	**1,513**	**1,806**	**1,936**	**1,951**	**1,564**
	FDR_U2L1C (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T3G (U2L1C)	2W-XFMR	In	1,747	1,850	1,875	1,513	1,806	1,936	1,951	1,564
XFMR-T3G (U2L1D)-PRI				**3,045**	**1,870**	**2,794**	**2,637**	**3,045**	**1,870**	**2,794**	**2,637**
	XFMR-T3G (U2L1D)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T3G (U2L1D)	CABLE	In	3,045	1,870	2,794	2,637	3,045	1,870	2,794	2,637
XFMR-T3G (U2L1D)-SEC				**1,667**	**1,790**	**1,806**	**1,444**	**1,722**	**1,871**	**1,878**	**1,491**
	FDR_U2L1D (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T3G (U2L1D)	2W-XFMR	In	1,667	1,790	1,806	1,444	1,722	1,871	1,878	1,491
XFMR-T4K (R2LBD2)-PRI				**14,703**	**10,839**	**14,257**	**12,733**	**14,881**	**10,871**	**14,382**	**12,887**
	XFMR-T4K (R2LBD2)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T4K (R2LBD2)	CABLE	In	14,703	10,839	14,257	12,733	14,881	10,871	14,382	12,887

Bus Name	----------Contributions----------		----------Initial Symmetrical Amps---------- 3 Phase	SLG	LLG	LL	----------Asymmetrical Amps---------- 3 Phase	SLG	LLG	LL
XFMR-T4K (R2LBD2)-SEC			**2,804**	**2,881**	**2,863**	**2,429**	**3,065**	**3,163**	**3,137**	**2,655**
FDR_R2LBD2 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
XFMR-T4K (R2LBD2)	2W-XFMR	In	2,804	2,881	2,863	2,429	3,065	3,163	3,137	2,655
XFMR-T5 (K2A1A)-PRI			**11,440**	**8,107**	**10,764**	**9,907**	**11,877**	**8,263**	**11,116**	**10,286**
XFMR-T5 (K2A1A)	2W-XFMR	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5 (K2A1A)	CABLE	In	11,440	8,107	10,764	9,907	11,877	8,263	11,116	10,286
XFMR-T5 (K2A1A)-SEC			**5,363**	**5,748**	**5,636**	**4,644**	**5,911**	**6,376**	**6,235**	**5,119**
FDR_K2A1A (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
XFMR-T5 (K2A1A)	2W-XFMR	In	5,363	5,748	5,636	4,644	5,911	6,376	6,235	5,119
XFMR-T5 (R2LBD1)-PRI			**12,228**	**8,316**	**11,481**	**10,590**	**12,427**	**8,369**	**11,635**	**10,762**
XFMR-T5 (R2LBD1)	2W-XFMR	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5 (R2LBD1)	CABLE	In	12,228	8,316	11,481	10,590	12,427	8,369	11,635	10,762
XFMR-T5 (R2LBD1)-SEC			**5,457**	**5,822**	**5,746**	**4,726**	**5,951**	**6,407**	**6,299**	**5,154**
FDR_R2LBD1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
XFMR-T5 (R2LBD1)	2W-XFMR	In	5,457	5,822	5,746	4,726	5,951	6,407	6,299	5,154
XFMR-T5 (R2LPA1)-PRI			**27,408**	**21,363**	**26,455**	**23,736**	**29,474**	**22,191**	**28,115**	**25,525**
XFMR-T5 (R2LPA1)	2W-XFMR	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5 (R2LPA1)	CABLE	In	27,408	21,363	26,455	23,736	29,474	22,191	28,115	25,525
XFMR-T5 (R2LPA1)-SEC			**6,074**	**6,274**	**6,193**	**5,260**	**6,816**	**7,052**	**6,956**	**5,903**
FDR_R2LPA1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
XFMR-T5 (R2LPA1)	2W-XFMR	In	6,074	6,274	6,193	5,260	6,816	7,052	6,956	5,903
XFMR-T5 (R2LPB1)-PRI			**21,233**	**15,389**	**20,254**	**18,388**	**22,258**	**15,709**	**21,056**	**19,276**
XFMR-T5 (R2LPB1)	2W-XFMR	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5 (R2LPB1)	CABLE	In	21,233	15,389	20,254	18,388	22,258	15,709	21,056	19,276
XFMR-T5 (R2LPB1)-SEC			**5,908**	**6,153**	**6,069**	**5,116**	**6,587**	**6,885**	**6,780**	**5,705**
FDR_R2LPB1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
XFMR-T5 (R2LPB1)	2W-XFMR	In	5,908	6,153	6,069	5,116	6,587	6,885	6,780	5,705
XFMR-T5 (R2LPC1)-PRI			**19,551**	**13,662**	**18,621**	**16,931**	**20,230**	**13,829**	**19,137**	**17,519**
XFMR-T5 (R2LPC1)	2W-XFMR	In	0	0	0	0	0	0	0	0
FDR_XFMR-T5 (R2LPC1)	CABLE	In	19,551	13,662	18,621	16,931	20,230	13,829	19,137	17,519
XFMR-T5 (R2LPC1)-SEC			**5,857**	**6,119**	**6,039**	**5,073**	**6,501**	**6,824**	**6,721**	**5,630**
FDR_R2LPC1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	XFMR-T5 (R2LPC1)	2W-XFMR	In	5,857	6,119	6,039	5,073	6,501	6,824	6,721	5,630
XFMR-T5 (R2LPD1)-PRI				**19,333**	**13,396**	**18,232**	**16,743**	**20,444**	**13,749**	**19,116**	**17,705**
	XFMR-T5 (R2LPD1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5 (R2LPD1)	CABLE	In	19,333	13,396	18,232	16,743	20,444	13,749	19,116	17,705
XFMR-T5 (R2LPD1)-SEC				**5,842**	**6,107**	**6,012**	**5,060**	**6,521**	**6,839**	**6,722**	**5,647**
	FDR_R2LPD1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5 (R2LPD1)	2W-XFMR	In	5,842	6,107	6,012	5,060	6,521	6,839	6,722	5,647
XFMR-T5 (RP1)-PRI				**5,388**	**3,497**	**5,023**	**4,667**	**5,397**	**3,498**	**5,029**	**4,674**
	XFMR-T5 (RP1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR T5 (RP1)	CABLE	In	5,388	3,497	5,023	4,667	5,397	3,498	5,029	4,674
XFMR-T5 (RP1)-SEC				**4,482**	**5,054**	**5,058**	**3,881**	**4,653**	**5,322**	**5,301**	**4,030**
	FDR_RP1 (NORTH GUARD SHACK)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5 (RP1)	2W-XFMR	In	4,482	5,054	5,058	3,881	4,653	5,322	5,301	4,030
XFMR-T5 (RP2)-PRI				**3,872**	**2,532**	**3,598**	**3,354**	**3,897**	**2,538**	**3,617**	**3,375**
	XFMR-T5 (RP2)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5 (RP2)	CABLE	In	3,872	2,532	3,598	3,354	3,897	2,538	3,617	3,375
XFMR-T5 (RP2)-SEC				**3,900**	**4,544**	**4,510**	**3,377**	**4,063**	**4,792**	**4,741**	**3,518**
	FDR_RP2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5 (RP2)	2W-XFMR	In	3,900	4,544	4,510	3,377	4,063	4,792	4,741	3,518
XFMR-T5G (D2A3A1)-PRI				**18,146**	**14,014**	**17,821**	**15,715**	**18,545**	**14,101**	**18,103**	**16,060**
	XFMR-T5G (D2A3A1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5G (D2A3A1)	CABLE	In	18,146	14,014	17,821	15,715	18,545	14,101	18,103	16,060
XFMR-T5G (D2A3A1)-SEC				**6,216**	**6,531**	**6,457**	**5,383**	**6,926**	**7,335**	**7,227**	**5,998**
	FDR_D2A3A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5G (D2A3A1)	2W-XFMR	In	6,216	6,531	6,457	5,383	6,926	7,335	7,227	5,998
XFMR-T5G (D2A3B1)-PRI				**12,953**	**9,592**	**12,428**	**11,217**	**13,342**	**9,707**	**12,726**	**11,554**
	XFMR-T5G (D2A3B1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5G (D2A3B1)	CABLE	In	12,953	9,592	12,428	11,217	13,342	9,707	12,726	11,554
XFMR-T5G (D2A3B1)-SEC				**4,177**	**4,378**	**4,320**	**3,618**	**4,623**	**4,872**	**4,797**	**4,004**
	FDR_D2A3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5G (D2A3B1)	2W-XFMR	In	4,177	4,378	4,320	3,618	4,623	4,872	4,797	4,004
XFMR-T5K (R2A1A1)-PRI				**8,329**	**5,573**	**7,847**	**7,213**	**8,350**	**5,576**	**7,862**	**7,231**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	XFMR-T5K (R2A1A1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2A1A1)	CABLE	In	8,329	5,573	7,847	7,213	8,350	5,576	7,862	7,231
XFMR-T5K (R2A1A1)-SEC				**3,932**	**4,199**	**4,184**	**3,405**	**4,206**	**4,549**	**4,509**	**3,642**
	FDR_R2A1A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2A1A1)	2W-XFMR	In	3,932	4,199	4,184	3,405	4,206	4,549	4,509	3,642
XFMR-T5K (R2L1A1)-PRI				**20,332**	**16,506**	**20,077**	**17,608**	**21,365**	**16,847**	**20,860**	**18,503**
	XFMR-T5K (R2L1A1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L1A1)	CABLE	In	20,332	16,506	20,077	17,608	21,365	16,847	20,860	18,503
XFMR-T5K (R2L1A1)-SEC				**4,393**	**4,533**	**4,483**	**3,804**	**4,912**	**5,083**	**5,021**	**4,254**
	FDR_R2L1A1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L1A1)	2W-XFMR	In	4,393	4,533	4,483	3,804	4,912	5,083	5,021	4,254
XFMR-T5K (R2L1B1)-PRI				**13,005**	**9,632**	**12,483**	**11,263**	**13,388**	**9,743**	**12,775**	**11,594**
	XFMR-T5K (R2L1B1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L1B1)	CABLE	In	13,005	9,632	12,483	11,263	13,388	9,743	12,775	11,594
XFMR-T5K (R2L1B1)-SEC				**4,180**	**4,380**	**4,323**	**3,620**	**4,625**	**4,874**	**4,799**	**4,006**
	FDR_R2L1B1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L1B1)	2W-XFMR	In	4,180	4,380	4,323	3,620	4,625	4,874	4,799	4,006
XFMR-T5K (R2L1C1)-PRI				**13,879**	**10,465**	**13,294**	**12,020**	**14,587**	**10,723**	**13,857**	**12,633**
	XFMR-T5K (R2L1C1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L1C1)	CABLE	In	13,879	10,465	13,294	12,020	14,587	10,723	13,857	12,633
XFMR-T5K (R2L1C1)-SEC				**4,211**	**4,402**	**4,336**	**3,646**	**4,693**	**4,924**	**4,842**	**4,064**
	FDR_R2L1C1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L1C1)	2W-XFMR	In	4,211	4,402	4,336	3,646	4,693	4,924	4,842	4,064
XFMR-T5K (R2L1D1)-PRI				**10,025**	**7,280**	**9,479**	**8,682**	**10,541**	**7,477**	**9,896**	**9,129**
	XFMR-T5K (R2L1D1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L1D1)	CABLE	In	10,025	7,280	9,479	8,682	10,541	7,477	9,896	9,129
XFMR-T5K (R2L1D1)-SEC				**4,009**	**4,253**	**4,172**	**3,472**	**4,452**	**4,745**	**4,645**	**3,856**
	FDR_R2L1D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L1D1)	2W-XFMR	In	4,009	4,253	4,172	3,472	4,452	4,745	4,645	3,856
XFMR-T5K (R2L2A1)-PRI				**22,581**	**18,942**	**22,532**	**19,556**	**23,956**	**19,431**	**23,578**	**20,746**
	XFMR-T5K (R2L2A1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L2A1)	CABLE	In	22,581	18,942	22,532	19,556	23,956	19,431	23,578	20,746

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
XFMR-T5K (R2L2A1)-SEC				**4,433**	**4,561**	**4,512**	**3,839**	**4,968**	**5,123**	**5,063**	**4,303**
	FDR_R2L2A1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L2A1)	2W-XFMR	In	4,433	4,561	4,512	3,839	4,968	5,123	5,063	4,303
XFMR-T5K (R2L2B1)-PRI				**13,724**	**10,256**	**13,212**	**11,885**	**14,144**	**10,377**	**13,531**	**12,249**
	XFMR-T5K (R2L2B1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L2B1)	CABLE	In	13,724	10,256	13,212	11,885	14,144	10,377	13,531	12,249
XFMR-T5K (R2L2B1)-SEC				**4,210**	**4,402**	**4,346**	**3,646**	**4,664**	**4,903**	**4,829**	**4,039**
	FDR_R2L2B1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L2B1)	2W-XFMR	In	4,210	4,402	4,346	3,646	4,664	4,903	4,829	4,039
XFMR-T5K (R2L2C1)-PRI				**15,331**	**11,796**	**14,750**	**13,277**	**16,246**	**12,147**	**15,481**	**14,070**
	XFMR-T5K (R2L2C1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L2C1)	CABLE	In	15,331	11,796	14,750	13,277	16,246	12,147	15,481	14,070
XFMR-T5K (R2L2C1)-SEC				**4,262**	**4,439**	**4,374**	**3,691**	**4,763**	**4,976**	**4,896**	**4,125**
	FDR_R2L2C1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L2C1)	2W-XFMR	In	4,262	4,439	4,374	3,691	4,763	4,976	4,896	4,125
XFMR-T5K (R2L2D1)-PRI				**10,445**	**7,610**	**9,895**	**9,046**	**10,951**	**7,798**	**10,302**	**9,484**
	XFMR-T5K (R2L2D1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L2D1)	CABLE	In	10,445	7,610	9,895	9,046	10,951	7,798	10,302	9,484
XFMR-T5K (R2L2D1)-SEC				**4,038**	**4,275**	**4,197**	**3,497**	**4,482**	**4,767**	**4,671**	**3,882**
	FDR_R2L2D1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L2D1)	2W-XFMR	In	4,038	4,275	4,197	3,497	4,482	4,767	4,671	3,882
XFMR-T5K (R2L3A1)-PRI				**18,655**	**14,744**	**18,303**	**16,156**	**19,397**	**14,965**	**18,858**	**16,798**
	XFMR-T5K (R2L3A1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L3A1)	CABLE	In	18,655	14,744	18,303	16,156	19,397	14,965	18,858	16,798
XFMR-T5K (R2L3A1)-SEC				**4,358**	**4,508**	**4,459**	**3,774**	**4,860**	**5,045**	**4,982**	**4,209**
	FDR_R2L3A1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L3A1)	2W-XFMR	In	4,358	4,508	4,459	3,774	4,860	5,045	4,982	4,209
XFMR-T5K (R2L3B1)-PRI				**13,320**	**9,900**	**12,802**	**11,535**	**13,713**	**10,013**	**13,101**	**11,876**
	XFMR-T5K (R2L3B1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L3B1)	CABLE	In	13,320	9,900	12,802	11,535	13,713	10,013	13,101	11,876
XFMR-T5K (R2L3B1)-SEC				**4,193**	**4,390**	**4,334**	**3,632**	**4,642**	**4,886**	**4,812**	**4,020**
	FDR_R2L3B1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	XFMR-T5K (R2L3B1)	2W-XFMR	In	4,193	4,390	4,334	3,632	4,642	4,886	4,812	4,020
XFMR-T5K (R2L3C1)-PRI				**14,819**	**11,158**	**14,193**	**12,833**	**15,700**	**11,483**	**14,896**	**13,596**
	XFMR-T5K (R2L3C1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L3C1)	CABLE	In	14,819	11,158	14,193	12,833	15,700	11,483	14,896	13,596
XFMR-T5K (R2L3C1)-SEC				**4,245**	**4,427**	**4,360**	**3,676**	**4,742**	**4,960**	**4,879**	**4,107**
	FDR_R2L3C1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L3C1)	2W-XFMR	In	4,245	4,427	4,360	3,676	4,742	4,960	4,879	4,107
XFMR-T5K (R2L3D1)-PRI				**9,970**	**7,215**	**9,432**	**8,634**	**10,421**	**7,379**	**9,795**	**9,025**
	XFMR-T5K (R2L3D1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T5K (R2L3D1)	CABLE	In	9,970	7,215	9,432	8,634	10,421	7,379	9,795	9,025
XFMR-T5K (R2L3D1)-SEC				**4,007**	**4,251**	**4,173**	**3,470**	**4,441**	**4,736**	**4,639**	**3,846**
	FDR_R2L3D1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T5K (R2L3D1)	2W-XFMR	In	4,007	4,251	4,173	3,470	4,441	4,736	4,639	3,846
XFMR-T6G (UD2A3A2)-PRI				**10,227**	**6,968**	**9,619**	**8,857**	**10,317**	**6,989**	**9,687**	**8,935**
	XFMR-T6G (UD2A3A2)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T6G (UD2A3A2)	CABLE	In	10,227	6,968	9,619	8,857	10,317	6,989	9,687	8,935
XFMR-T6G (UD2A3A2)-SEC				**7,323**	**8,136**	**8,050**	**6,342**	**7,836**	**8,832**	**8,694**	**6,787**
	FDR_UD2A3A2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T6G (UD2A3A2)	2W-XFMR	In	7,323	8,136	8,050	6,342	7,836	8,832	8,694	6,787
XFMR-T6G (UD2A3B2)-PRI				**6,639**	**4,360**	**6,187**	**5,749**	**6,668**	**4,366**	**6,208**	**5,774**
	XFMR-T6G (UD2A3B2)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T6G (UD2A3B2)	CABLE	In	6,639	4,360	6,187	5,749	6,668	4,366	6,208	5,774
XFMR-T6G (UD2A3B2)-SEC				**6,337**	**7,307**	**7,287**	**5,488**	**6,616**	**7,740**	**7,686**	**5,729**
	FDR_UD2A3B2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T6G (UD2A3B2)	2W-XFMR	In	6,337	7,307	7,287	5,488	6,616	7,740	7,686	5,729
XFMR-T6K (D2A1B1)-PRI				**7,995**	**5,666**	**7,512**	**6,924**	**8,368**	**5,807**	**7,814**	**7,247**
	XFMR-T6K (D2A1B1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T6K (D2A1B1)	CABLE	In	7,995	5,666	7,512	6,924	8,368	5,807	7,814	7,247
XFMR-T6K (D2A1B1)-SEC				**6,676**	**7,585**	**7,375**	**5,782**	**7,337**	**8,413**	**8,157**	**6,354**
	FDR_D2A1B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T6K (D2A1B1)	2W-XFMR	In	6,676	7,585	7,375	5,782	7,337	8,413	8,157	6,354
XFMR-T6K (D2A2A1)-PRI				**19,605**	**16,020**	**19,125**	**16,979**	**21,325**	**16,792**	**20,523**	**18,468**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	XFMR-T6K (D2A2A1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T6K (D2A2A1)	CABLE	In	19,605	16,020	19,125	16,979	21,325	16,792	20,523	18,468
XFMR-T6K (D2A2A1)-SEC				**8,467**	**9,029**	**8,820**	**7,333**	**9,597**	**10,266**	**10,015**	**8,311**
	FDR_D2A2A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T6K (D2A2A1)	2W-XFMR	In	8,467	9,029	8,820	7,333	9,597	10,266	10,015	8,311
XFMR-T6K (D2A2B1)-PRI				**9,433**	**6,802**	**8,902**	**8,170**	**9,907**	**6,982**	**9,286**	**8,580**
	XFMR-T6K (D2A2B1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T6K (D2A2B1)	CABLE	In	9,433	6,802	8,902	8,170	9,907	6,982	9,286	8,580
XFMR-T6K (D2A2B1)-SEC				**7,061**	**7,911**	**7,694**	**6,115**	**7,806**	**8,819**	**8,553**	**6,760**
	FDR_D2A2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T6K (D2A2B1)	2W-XFMR	In	7,061	7,911	7,694	6,115	7,806	8,819	8,553	6,760
XFMR-T6K (D2LBA2)-PRI				**26,442**	**23,809**	**26,573**	**22,900**	**29,700**	**25,591**	**29,283**	**25,721**
	XFMR-T6K (D2LBA2)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T6K (D2LBA2)	CABLE	In	26,442	23,809	26,573	22,900	29,700	25,591	29,283	25,721
XFMR-T6K (D2LBA2)-SEC				**8,894**	**9,348**	**9,153**	**7,702**	**10,164**	**10,692**	**10,465**	**8,802**
	FDR_D2LBA2 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T6K (D2LBA2)	2W-XFMR	In	8,894	9,348	9,153	7,702	10,164	10,692	10,465	8,802
XFMR-T6K (D2LBC2)-PRI				**19,149**	**15,559**	**18,640**	**16,583**	**20,824**	**16,312**	**20,004**	**18,035**
	XFMR-T6K (D2LBC2)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T6K (D2LBC2)	CABLE	In	19,149	15,559	18,640	16,583	20,824	16,312	20,004	18,035
XFMR-T6K (D2LBC2)-SEC				**8,430**	**9,001**	**8,789**	**7,300**	**9,552**	**10,232**	**9,978**	**8,272**
	FDR_DISCONNECT-T6K	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T6K (D2LBC2)	2W-XFMR	In	8,430	9,001	8,789	7,300	9,552	10,232	9,978	8,272
XFMR-T7 (D2S11)-PRI				**14,037**	**9,910**	**13,177**	**12,156**	**14,868**	**10,231**	**13,857**	**12,876**
	XFMR-T7 (D2S11)	2W-XFMR	In	74	35	65	64	78	36	68	68
	FDR_XFMR-T7 (D2S11)	CABLE	In	13,963	9,875	13,112	12,093	14,791	10,195	13,789	12,809
XFMR-T7 (D2S11)-SEC				**10,628**	**11,859**	**11,536**	**9,204**	**11,882**	**13,376**	**12,973**	**10,290**
	FDR_D2S11 (BLDG 24)	CABLE	In	172	128	154	149	192	144	174	167
	XFMR-T7 (D2S11)	2W-XFMR	In	10,456	11,731	11,393	9,055	11,690	13,231	12,812	10,123
XFMR-T8 (D2L1A1)-PRI				**19,306**	**15,626**	**18,879**	**16,720**	**20,660**	**16,166**	**19,952**	**17,892**
	XFMR-T8 (D2L1A1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L1A1)	CABLE	In	19,306	15,626	18,879	16,720	20,660	16,166	19,952	17,892

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
XFMR-T8 (D2L1A1)-SEC				**10,843**	**11,793**	**11,511**	**9,390**	**12,432**	**13,631**	**13,264**	**10,767**
	FDR_D2L1A1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L1A1)	2W-XFMR	In	10,843	11,793	11,511	9,390	12,432	13,631	13,264	10,767
XFMR-T8 (D2L1B1)-PRI				**12,545**	**9,293**	**12,004**	**10,864**	**13,003**	**9,441**	**12,360**	**11,261**
	XFMR-T8 (D2L1B1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L1B1)	CABLE	In	12,545	9,293	12,004	10,864	13,003	9,441	12,360	11,261
XFMR-T8 (D2L1B1)-SEC				**9,626**	**10,808**	**10,578**	**8,336**	**10,704**	**12,181**	**11,869**	**9,270**
	FDR_D2L1B1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L1B1)	2W-XFMR	In	9,626	10,808	10,578	8,336	10,704	12,181	11,869	9,270
XFMR-T8 (D2L1C1)-PRI				**13,521**	**10,231**	**12,892**	**11,709**	**14,470**	**10,627**	**13,667**	**12,531**
	XFMR-T8 (D2L1C1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L1C1)	CABLE	In	13,521	10,231	12,892	11,709	14,470	10,627	13,667	12,531
XFMR-T8 (D2L1C1)-SEC				**9,825**	**10,970**	**10,663**	**8,509**	**11,174**	**12,592**	**12,201**	**9,677**
	FDR_D2L1C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L1C1)	2W-XFMR	In	9,825	10,970	10,663	8,509	11,174	12,592	12,201	9,677
XFMR-T8 (D2L1D1)-PRI				**9,737**	**7,065**	**9,189**	**8,432**	**10,296**	**7,287**	**9,646**	**8,916**
	XFMR-T8 (D2L1D1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L1D1)	CABLE	In	9,737	7,065	9,189	8,432	10,296	7,287	9,646	8,916
XFMR-T8 (D2L1D1)-SEC				**8,767**	**10,068**	**9,791**	**7,592**	**9,813**	**11,399**	**11,049**	**8,498**
	FDR_D2L1D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L1D1)	2W-XFMR	In	8,767	10,068	9,791	7,592	9,813	11,399	11,049	8,498
XFMR-T8 (D2L2A1)-PRI				**19,074**	**15,416**	**18,616**	**16,519**	**20,481**	**15,994**	**19,739**	**17,737**
	XFMR-T8 (D2L2A1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L2A1)	CABLE	In	19,074	15,416	18,616	16,519	20,481	15,994	19,739	17,737
XFMR-T8 (D2L2A1)-SEC				**10,809**	**11,767**	**11,477**	**9,361**	**12,408**	**13,612**	**13,238**	**10,745**
	FDR_D2L2A1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L2A1)	2W-XFMR	In	10,809	11,767	11,477	9,361	12,408	13,612	13,238	10,745
XFMR-T8 (D2L2B1)-PRI				**12,552**	**9,309**	**12,007**	**10,870**	**13,030**	**9,465**	**12,381**	**11,284**
	XFMR-T8 (D2L2B1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L2B1)	CABLE	In	12,552	9,309	12,007	10,870	13,030	9,465	12,381	11,284
XFMR-T8 (D2L2B1)-SEC				**9,625**	**10,807**	**10,572**	**8,336**	**10,716**	**12,192**	**11,875**	**9,280**
	FDR_D2L2B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	XFMR-T8 (D2L2B1)	2W-XFMR	In	9,625	10,807	10,572	8,336	10,716	12,192	11,875	9,280
XFMR-T8 (D2L2C1)-PRI				**13,778**	**10,455**	**13,152**	**11,932**	**14,737**	**10,853**	**13,933**	**12,763**
	XFMR-T8 (D2L2C1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L2C1)	CABLE	In	13,778	10,455	13,152	11,932	14,737	10,853	13,933	12,763
XFMR-T8 (D2L2C1)-SEC				**9,883**	**11,019**	**10,713**	**8,559**	**11,242**	**12,650**	**12,260**	**9,736**
	FDR_D2L2C1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L2C1)	2W-XFMR	In	9,883	11,019	10,713	8,559	11,242	12,650	12,260	9,736
XFMR-T8 (D2L2D1)-PRI				**9,892**	**7,189**	**9,341**	**8,567**	**10,458**	**7,413**	**9,803**	**9,057**
	XFMR-T8 (D2L2D1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L2D1)	CABLE	In	9,892	7,189	9,341	8,567	10,458	7,413	9,803	9,057
XFMR-T8 (D2L2D1)-SEC				**8,821**	**10,115**	**9,838**	**7,639**	**9,876**	**11,456**	**11,105**	**8,553**
	FDR_D2L2D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L2D1)	2W-XFMR	In	8,821	10,115	9,838	7,639	9,876	11,456	11,105	8,553
XFMR-T8 (D2L3A1)-PRI				**16,843**	**13,174**	**16,320**	**14,587**	**17,816**	**13,535**	**17,087**	**15,429**
	XFMR-T8 (D2L3A1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L3A1)	CABLE	In	16,843	13,174	16,320	14,587	17,816	13,535	17,087	15,429
XFMR-T8 (D2L3A1)-SEC				**10,481**	**11,506**	**11,234**	**9,077**	**11,913**	**13,208**	**12,849**	**10,317**
	FDR_D2L3A1 (BLDG 20)-SEC1	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L3A1)	2W-XFMR	In	10,481	11,506	11,234	9,077	11,913	13,208	12,849	10,317
XFMR-T8 (D2L3B1)-PRI				**12,425**	**9,195**	**11,882**	**10,760**	**12,885**	**9,345**	**12,241**	**11,159**
	XFMR-T8 (D2L3B1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L3B1)	CABLE	In	12,425	9,195	11,882	10,760	12,885	9,345	12,241	11,159
XFMR-T8 (D2L3B1)-SEC				**9,595**	**10,781**	**10,550**	**8,309**	**10,670**	**12,152**	**11,839**	**9,240**
	FDR_D2L3B1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L3B1)	2W-XFMR	In	9,595	10,781	10,550	8,309	10,670	12,152	11,839	9,240
XFMR-T8 (D2L3C1)-PRI				**13,760**	**10,297**	**13,106**	**11,917**	**14,744**	**10,692**	**13,906**	**12,768**
	XFMR-T8 (D2L3C1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L3C1)	CABLE	In	13,760	10,297	13,106	11,917	14,744	10,692	13,906	12,768
XFMR-T8 (D2L3C1)-SEC				**9,878**	**11,014**	**10,705**	**8,555**	**11,246**	**12,653**	**12,261**	**9,739**
	FDR_D2L3C1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L3C1)	2W-XFMR	In	9,878	11,014	10,705	8,555	11,246	12,653	12,261	9,739
XFMR-T8 (D2L3D1)-PRI				**9,641**	**6,986**	**9,097**	**8,350**	**10,187**	**7,202**	**9,543**	**8,822**

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
	XFMR-T8 (D2L3D1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2L3D1)	CABLE	In	9,641	6,986	9,097	8,350	10,187	7,202	9,543	8,822
XFMR-T8 (D2L3D1)-SEC				**8,734**	**10,039**	**9,765**	**7,564**	**9,768**	**11,358**	**11,012**	**8,459**
	FDR_D2L3D1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2L3D1)	2W-XFMR	In	8,734	10,039	9,765	7,564	9,768	11,358	11,012	8,459
XFMR-T8 (D2LBA1)-PRI				**25,293**	**22,493**	**25,117**	**21,904**	**28,827**	**24,578**	**28,131**	**24,965**
	XFMR-T8 (D2LBA1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2LBA1)	CABLE	In	25,293	22,493	25,117	21,904	28,827	24,578	28,131	24,965
XFMR-T8 (D2LBA1)-SEC				**11,484**	**12,289**	**11,969**	**9,945**	**13,475**	**14,452**	**14,063**	**11,670**
	FDR_D2LBA1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2LBA1)	2W-XFMR	In	11,484	12,289	11,969	9,945	13,475	14,452	14,063	11,670
XFMR-T8 (D2LBA3)-PRI				**27,827**	**23,150**	**26,935**	**24,099**	**31,196**	**25,048**	**29,812**	**27,017**
	XFMR-T8 (D2LBA3)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2LBA3)	CABLE	In	27,827	23,150	26,935	24,099	31,196	25,048	29,812	27,017
XFMR-T8 (D2LBA3)-SEC				**11,695**	**12,450**	**12,159**	**10,128**	**13,681**	**14,609**	**14,249**	**11,848**
	FDR_D2LBA3 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2LBA3)	2W-XFMR	In	11,695	12,450	12,159	10,128	13,681	14,609	14,249	11,848
XFMR-T8 (D2LBB1)-PRI				**23,295**	**20,173**	**23,188**	**20,174**	**25,720**	**21,340**	**25,159**	**22,274**
	XFMR-T8 (D2LBB1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2LBB1)	CABLE	In	23,295	20,173	23,188	20,174	25,720	21,340	25,159	22,274
XFMR-T8 (D2LBB1)-SEC				**11,299**	**12,148**	**11,845**	**9,785**	**13,140**	**14,192**	**13,814**	**11,379**
	FDR_D2LBB1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2LBB1)	2W-XFMR	In	11,299	12,148	11,845	9,785	13,140	14,192	13,814	11,379
XFMR-T8 (D2LBC1)-PRI				**18,647**	**15,095**	**18,077**	**16,149**	**20,440**	**15,940**	**19,554**	**17,701**
	XFMR-T8 (D2LBC1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2LBC1)	CABLE	In	18,647	15,095	18,077	16,149	20,440	15,940	19,554	17,701
XFMR-T8 (D2LBC1)-SEC				**10,740**	**11,711**	**11,390**	**9,301**	**12,421**	**13,624**	**13,220**	**10,757**
	FDR_D2LBC1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2LBC1)	2W-XFMR	In	10,740	11,711	11,390	9,301	12,421	13,624	13,220	10,757
XFMR-T8 (D2LBD1)-PRI				**18,126**	**14,708**	**17,577**	**15,698**	**19,901**	**15,553**	**19,042**	**17,235**
	XFMR-T8 (D2LBD1)	2W-XFMR	In	0	0	0	0	0	0	0	0
	FDR_XFMR-T8 (D2LBD1)	CABLE	In	18,126	14,708	17,577	15,698	19,901	15,553	19,042	17,235

Bus Name	----------Contributions----------			----------Initial Symmetrical Amps----------				----------Asymmetrical Amps----------			
				3 Phase	SLG	LLG	LL	3 Phase	SLG	LLG	LL
XFMR-T8 (D2LBD1)-SEC				**10,663**	**11,650**	**11,323**	**9,234**	**12,334**	**13,554**	**13,145**	**10,681**
	FDR_D2LBD1 (BLDG 20)	CABLE	In	0	0	0	0	0	0	0	0
	XFMR-T8 (D2LBD1)	2W-XFMR	In	10,663	11,650	11,323	9,234	12,334	13,554	13,145	10,681