



















APPENDIX A  
RECORDED DATA FOR 11 KV ADEBAYO FEEDER AT SUBSTATION FOR PEAK LOAD.

S/N	Transformer Name	S/S	Rating (KVA)	Red Phase / (Amp)	Yellow phase / (Amp)	Blue Phase / (Amp)	Neutral (Amp)	Load Current / (Amp)	% Loading
1.	Christ school		300	222	229	218	69	246	59
2.	Ajowa		500	480	295	294	97	389	56
3.	State		500	234	256	219	23	244	35
4.	Adebayo		500	332	326	300	18	325	47
5.	Orire		315	211	217	228	18	225	51
6.	Jimoh aliyu		500	298	288	279	24	296	43
7.	Friendly		300	234	218	219	16	227	54
8.	Obey		200	150	139	147	16	151	54
9.	Oloro		500	623	645	599	23	630	91
10.	Ifelere		300	189	199	200	18	202	48
11.	Cele		500	300	385	335	70	363	52
12.	Oriapata		500	355	315	325	55	350	50
13.	Iyalaje		500	225	247	305	39	272	39
14.	Opopogboro		500	334	325	313	35	336	48
15.	Abaibira 1		300	145	139	142	9	145	35
16.	Abaibira 2		300	145	134	128	8	138	33
17.	Nova		300	235	247	218	31	244	58
18.	Ifesowapo		300	290	162	142	31	175	42
19.	Aponwe		500	234	214	239	17	235	34
20.	Goshen		300	190	162	142	31	392	94
21.	Olorunsogo		300	399	372	369	31	392	94
22.	Olorunda 1		300	234	211	199	46	230	55
23.	Olorunda 2		300	222	198	192	14	209	50
24.	Olart		200	150	120	102	40	137	49
25.	Balemo		300	234	215	241	23	238	57
26.	Bolorunduro		500	252	249	311	40	284	41
27.	Adehun		500	311	276	292	25	301	43
28.	Ileleri		300	358	400	350	40	383	92
29.	Peace 1		500	257	269	301	32	286	41
30.	Peace 2		300	132	122	143	15	137	33
31.	Ore ofe		300	220	205	103	76	207	48
32.	Irewumi		300	125	150	176	30	160	38
33.	Ilokun1		300	148	122	156	31	152	37
34.	Ilokun		300	159	124	149	34	155	37
35.	Isegere		300	150	134	126	16	142	34

APPENDIX B  
RECORDED DATA FOR 11 KV OKESA FEEDER AT SUBSTATION FOR PEAK LOAD

S/N	S/S Name	Rating (KVA)	Red Phase / (Amp)	Yellow phase / (Amp)	Blue phase / (Amp)	Neutral / (Amp)	Load current / (Amp)	% Loading
1.	Police station	300	244	254	246	15	253	61
2.	Palace	500	567	589	556	23	578	83
3.	Old garage	500	456	446	449	18	456	66
4.	Idolofin	300	438	409	398	36	427	53
5.	Oke ese	300	222	265	228	59	258	62
6.	SUBEB	300	160	212	200	85	219	53
7.	Dallimore	500	395	348	558	187	496	71
8.	Okeyinmi	300	200	250	195	70	238	57
9.	Okeila 3 (rose bud)	500	438	382	419	110	453	65
10.	Okeila(ibo church)	300	220	180	226	65	230	55
11.	Odo Orobo	300	290	233	269	95	296	71
12.	Housing corporation	500	400	360	380	90	410	59
13.	Ekiti 1	300	91	161	165	15	144	35
14.	Ekiti 2	300	108	131	99	32	123	30
15.	Fed housing 1	300	450	185	248	100	328	71
16.	Fed housing 2	500	530	474	460	108	524	75
17.	Fed housing 3	500	164	226	272	111	264	38
18.	Fed housing phase 2	300	90	156	151	12	136	33
19.	Onala	300	212	169	218	60	220	53
20.	Park view 1	315	375	260	205	60	300	69
21.	Park view2	500	425	262	276	193	385	55
22.	Upper land	300	92	262	176	49	193	46
23.	Covenant	200	266	83	227	44	207	74
24.	Shelter view	500	180	77	251	47	185	27
25.	Prison	300	84	62	83	21	83	20