











UTTM UNVERSITI TENA COS MALAREM http://cees.utm.m	Trends in Power Factor
Communities of the second seco	Residential Sites PF: 0.90 PF:0.85 120.00% 27.28% 57.92% 27.28% 57.92% 27.28% 57.92% 000% 90% 000% 90% 000% 90% 000% 90% 000% 90% 000% 90% 000% 90% 000% 90% 000% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00% 90% 00%
	True pF at Commercial Sites PF: 0.90 9 9000% 9F: 0.85 4000% 31.63% 45.25% 0.00% 000% 00% 0.00% 00% 00%









Centre of Electrical Duviesni tenologi Malavsa (CEES) http://cees.utm.my	Harmonics Current Li According to IEC 6100	
Harmonic order, h	Max. permissible harmonic current*	
	(%)	
3	21.6	
5	10.7	
7	7.2	
9	3.8	
11	3.1	
13	2.0	
15	0.7	
17	1.2	
19	1.1	
21	0.6	
23	0.9	
25	0.8	
27	0.6	
29	0.7	
31	0.7	Suruhanjaya Tenaga
33	0.6	MALAYSIA











