

Public Service Company of Colorado
 Electric Department
 High Density Load Guidelines for Residential Homes
 February 20, 2017

Apartment	Home Sq. Ft. Range		(1) Peak Design kW	(2) Maximum kWh Using 2 kWh per Sq. Ft.	Maximum kWh at Load Factor of 100%	Maximum kWh at Load Factor of 75%	Maximum kWh at Load Factor of 50%	Maximum Sq. Ft.	(3) Maximum Monthly kWh for High Density Load
Small House/Townhouse	500	800	5.1	1,600	3,723	2,792	1,862	800	2,800
Medium House	801	1,600	6.8	3,200	4,964	3,723	2,482	1,600	3,700
Large House	1,601	2,300	8.5	4,600	6,205	4,654	3,103	2,300	4,700
Medium Custom	2,301	3,500	9.4	7,000	6,862	5,147	3,431	3,500	5,100
Large Custom	3,501	6,000	14.2	12,000	10,366	7,775	5,183	6,000	7,800
	6,001	10,000	22.0	20,000	16,060	12,045	8,030	10,000	12,000

- (1) Page REF-M-16 of the Underground Standards Manual
- (2) 2008 Residential Energy Use Survey
- (3) Based on 75% Load Factor using Peak Design, rounded