

Estimated Energy Savings Through the Retrofit of Pre-1978 Dwellings

Total dwellings in the City of San Diego	469,689
Total homes constructed before 1978	317,485

The following calculation assumes that dwellings in the City of San Diego are evenly divided between Climate Zones 7 and 10.

CLIMATE ZONE 7

	Number	kBtu/yr Each	Total kBtu Used Year	With Pre-1978 Dwellings Retrofitted
Pre-1978	158,742	53	8,413,352	3,174,850
2000 Compliant	76,102	20	<u>1,522,040</u>	<u>1,522,040</u>
Total			9,935,392	4,696,880

Potential Savings through retrofit of pre-1978 dwellings in Climate Zone 7 9,935,392 - 4,696,880 = **5,238,512 kBtu/year**

CLIMATE ZONE 10

	Number	kBtu/yr Each	Total kBtu Used Year	With Pre-1978 Dwellings Retrofitted
Pre-1978	158,743	131	20,795,333	5,556,005
2000 Compliant	76,102	35	<u>2,663,570</u>	<u>2,663,570</u>
Total			23,458,903	8,219,575

Potential Savings through retrofit of pre-1978 dwellings in Climate Zone 10 23,458,903 - 8,219,575 = **15,239,328 kBtu/year**

TOTAL POTENTIAL SAVINGS THROUGH RETROFIT OF PRE-1978 DWELLINGS CITYWIDE **20,477,840 kBtu/year**