

APPENDIX F
GLOBAL CLIMATE CHANGE CALCULATIONS

Buildings									
	Annual Electricity Consumption	Annual Natural Gas Consumption	GHG Emissions				CO2e		
			CO2	CH4	N2O				
Instructions - Input <u>only one</u>: Option 1: If known, insert kwh and therms									
	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 kg	0 metric tons		
			0 kg	0 kg	0 kg	0 kg	0 metric tons		
			0 kg	0 kg	0 kg	0 kg	0 metric tons		
<<< OR >>>									
Option 2: Find applicable utility co. and insert units and square footage. Use statewide average if utility not shown									
Statewide Average									
Residential									
new single family	0.00 dwelling units	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
new multi family	0.00 dwelling units	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
existing single family	0.00 dwelling units	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
existing multi family	0.00 dwelling units	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Total, Residential			0 kg	0 kg	0 kg	0 kg	0 metric tons		
Non-residential (use Option 1 or Option 2)									
Option 1: General Project Data									
All Commercial	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
All Offices	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
All Warehouses	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Option 2: Detailed Project Data									
Small Office (<30k ft2)	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Large Office (>= 30k ft2)	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Restaurant	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Retail	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Food Store	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Refrigerated Warehouse	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Unrefrigerated Warehouse	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
School	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
College	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Health	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Lodging	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons		
Total, Non-Residential			0 kg	0 kg	0 kg	0 kg	0 metric tons		
Total, Residential and Non-Residential			0 kg	0 kg	0 kg	0 kg	0 metric tons		
Pacific Gas & Electric (PG&E)									
Residential									

new single family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
new multi family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
existing single family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
existing multi family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Total, Residential							0	kg	0	kg	0	kg	0	metric tons

Non-residential (use Option 1 or Option 2)

Option 1: General Project Data

All Commercial	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
All Offices	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
All Warehouses	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons

Option 2: Detailed Project Data

Small Office (<30k ft2)	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Large Office (>= 30k ft2)	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Restaurant	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Retail	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Food Store	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Refrigerated Warehouse	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Unrefrigerated Warehouse	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
School	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
College	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Health	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Lodging	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Total, Non-Residential							0	kg	0	kg	0	kg	0	metric tons

Total, Residential and Non-Residential 0 kg 0 kg 0 kg 0 metric tons

San Diego Gas & Electric (SDG&E)

Residential

new single family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
new multi family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
existing single family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
existing multi family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Total, Residential							0	kg	0	kg	0	kg	0	metric tons

Non-residential (use Option 1 or Option 2)

Option 1: General Project Data

All Commercial	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
All Offices	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
All Warehouses	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons

Option 2: Detailed Project Data

Small Office (<30k ft2)	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Large Office (>= 30k ft2)	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons

Restaurant	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Retail	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Food Store	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Refrigerated Warehouse	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Unrefrigerated Warehouse	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
School	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
College	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Health	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Lodging	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Total, Non-Residential							0	kg	0	kg	0	kg	0	metric tons
Total, Residential and Non-Residential							0	kg	0	kg	0	kg	0	metric tons
Southern California Edison (SCE)														
Residential														
new single family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
new multi family	0.00	dwelling units	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
existing single family	24,105.00	dwelling units	170,711,610.00	kwh	1,274,850,050.33	kBtu	129,584,921	kg	8,040	kg	414	kg	129,882	metric tons
existing multi family	19,068.00	dwelling units	77,969,052.00	kwh	539,495,561.91	kBtu	56,928,072	kg	3,420	kg	185	kg	57,057	metric tons
Total, Residential							186,512,993	kg	11,460	kg	599	kg	186,939	metric tons
Non-residential (use Option 1 or Option 2)														
Option 1: General Project Data														
All Commercial	8,991,560.00	square feet	123,094,456.40	kwh	209,503,348.00	kBtu	55,978,841	kg	1,610	kg	228	kg	56,083	metric tons
All Offices	9,461,976.00	square feet	151,391,616.00	kwh	103,703,256.96	kBtu	60,721,286	kg	1,072	kg	264	kg	60,826	metric tons
All Warehouses	15,173,458.00	square feet	86,640,445.18	kwh	44,003,028.20	kBtu	33,940,455	kg	523	kg	150	kg	33,998	metric tons
Option 2: Detailed Project Data														
Small Office (<30k ft2)	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Large Office (>= 30k ft2)	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Restaurant	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Retail	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Food Store	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Refrigerated Warehouse	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Unrefrigerated Warehouse	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
School	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
College	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Health	1,287,000.00	square feet	26,126,100.00	kwh	87,927,840.00	kBtu	14,175,113	kg	598	kg	53	kg	14,204	metric tons
Lodging	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0	kg	0	metric tons
Total, Non-Residential							164,815,695	kg	3,803	kg	694	kg	165,111	metric tons
Total, Residential and Non-Residential							351,328,687	kg	15,264	kg	1,293	kg	352,050	metric tons

Sacramento Municipal Utility District (SMUD) (Electric Only)											
Residential			635,933,279.58		2,259,483,085.41						
new single family	n/a	dwelling units		kwh		kBtu	0	kg	0	kg	0 metric tons
new multi family	n/a	dwelling units		kwh		kBtu	0	kg	0	kg	0 metric tons
existing single family	n/a	dwelling units		kwh		kBtu	0	kg	0	kg	0 metric tons
existing multi family	n/a	dwelling units		kwh		kBtu	0	kg	0	kg	0 metric tons
Total, Residential							0	kg	0	kg	0 metric tons
Non-residential (use Option 1 or Option 2)											
Option 1: General Project Data											
All Commercial	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
All Offices	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
All Warehouses	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Option 2: Detailed Project Data											
Small Office (<30k ft2)	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Large Office (>= 30k ft2)	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Restaurant	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Retail	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Food Store	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Refrigerated Warehouse	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Unrefrigerated Warehouse	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
School	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
College	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Health	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Lodging	0.00	square feet	0.00	kwh	0.00	kBtu	0	kg	0	kg	0 metric tons
Total, Non-Residential							0	kg	0	kg	0 metric tons
Total, Residential and Non-Residential							0	kg	0	kg	0 metric tons

Buildings											
	Annual Electricity Consumption	Annual Natural Gas Consumption	GHG Emissions								
			CO2	CH4	N2O	CO2e					
Instructions - Input <u>only one</u> : Option 1: If known, insert kwh and therms											
	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 kg	0 metric tons				
			0 kg	0 kg	0 kg	0 kg	0 metric tons				
			0 kg	0 kg	0 kg	0 kg	0 metric tons				
<<< OR >>>											
Option 2: Find applicable utility co. and insert units and square footage. Use statewide average if utility not shown											
Statewide Average											
Residential											
new single family	0.00 dwelling units	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
new multi family	0.00 dwelling units	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
existing single family	0.00 dwelling units	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
existing multi family	0.00 dwelling units	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Total, Residential				0 kg	0 kg	0 kg	0 metric tons				
Non-residential (use Option 1 or Option 2)											
Option 1: General Project Data											
All Commercial	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
All Offices	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
All Warehouses	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Option 2: Detailed Project Data											
Small Office (<30k ft2)	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Large Office (>= 30k ft2)	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Restaurant	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Retail	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Food Store	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Refrigerated Warehouse	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Unrefrigerated Warehouse	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
School	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
College	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Health	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Lodging	0.00 square feet	0.00 kwh	0.00 kBtu	0 kg	0 kg	0 kg	0 metric tons				
Total, Non-Residential				0 kg	0 kg	0 kg	0 metric tons				
Total, Residential and Non-Residential				0 kg	0 kg	0 kg	0 metric tons				
Pacific Gas & Electric (PG&E)											
Residential											

