

GHG Mitigation CESMP Draft Actions vs \$ per Metric tons of carbon dioxide equivalent Reduced

Action #	Action Name	Cost to County per GHGs Reduced (\$/MTCO2e Reduced)		
		Low	Medium	High
1	Acquire Clean Electricity Sources for the County	\$ 6	\$ 27	\$ 48
2	Promote Existing Green Power Products	\$ 20	\$ 27	\$ 34
3	Promote Existing Renewable Energy Incentive Programs	\$ 133	\$ 411	\$ 690
4	Develop Additional Renewable Energy Incentives	\$ 133	\$ 411	\$ 690
5	Streamline Solar Permitting	\$ 13	\$ 41	\$ 69
8	Promote Energy Efficiency and Electrification Incentives	\$ 56	\$ 167	\$ 278
9	Incentivize Energy Efficiency and Electrification Retrofits	\$ 56	\$ 167	\$ 278
10	Propose Green Zoning Regulations	\$ 18	\$ 35	\$ 51
11	Incentivize Energy Efficient New Buildings	\$ 182	\$ 347	\$ 513
12	Building Energy Benchmarking	\$ 10,000	\$ 15,000	\$ 20,000
13	Incentivize All-Electric Equipment in New Construction and Retrofits	\$ 182	\$ 348	\$ 514
18	Improve Pedestrian Infrastructure around Public Transportation	\$ 267	\$ 800	\$ 1,333
19	Enhance Sidewalk and Trail Connectivity			
20	Foster Transit-Oriented Development	\$ 7	\$ 12	\$ 17
22	Discount Transit Passes for Residents	\$ 95	\$ 286	\$ 476
23	Expand Existing Programs that Reduce Single-Occupancy Vehicle Trips	\$ 14	\$ 32	\$ 49
24	Upgrade Public Transit Infrastructure	\$ 20,000	\$ 33,810	\$ 47,619
25	Encourage E-Bike and E-Scooter Adoption	\$ 115	\$ 346	\$ 576
26	Educate on Existing Zero-Emission Vehicle Incentives and Rebates			
27	Incentivize Zero-Emission Vehicles and Charging	\$ 357	\$ 800	\$ 1,198
28	Expand Public EV Charging Network			
29	Promote Zero-Emission Bus and Rail Transition	\$ 571	\$ 1,735	\$ 2,899
33	Launch Electric Equipment Lending Program	\$ 67	\$ 133	\$ 200
34	Implement County-Wide Composting	\$ 6,667	\$ 17,619	\$ 28,571
35	Mandate Commercial Food Waste Diversion	\$ 500	\$ 1,863	\$ 3,226
37	Support Sustainable Farming Practices	\$ 200	\$ 600	\$ 1,000
38	Launch Suburban and Rural Tree Planting Initiative	NA	NA	NA
39	Create Voluntary Countywide Reforestation Program	NA	NA	NA

Note: Cost to the County ranges were provided by the County Core Team made up of key relevant PWC Departments.

GHG Reduction		Cost to the County	
Low	High	Low	High
1,671,500	2,089,500	\$ 10,000,000	\$ 100,000,000
49,000	294,000	\$ 1,000,000	\$ 10,000,000
7,500	14,500	\$ 1,000,000	\$ 10,000,000
7,500	14,500	\$ 1,000,000	\$ 10,000,000
7,500	14,500	\$ 100,000	\$ 1,000,000
18,000	36,000	\$ 1,000,000	\$ 10,000,000
18,000	36,000	\$ 1,000,000	\$ 10,000,000
5,500	19,500	\$ 100,000	\$ 1,000,000
5,500	19,500	\$ 1,000,000	\$ 10,000,000
100	500	\$ 1,000,000	\$ 10,000,000
5,500	19,451	\$ 1,000,000	\$ 10,000,000
37,500	75,000	\$ 10,000,000	\$ 100,000,000
14,500	60,000	\$ 100,000	\$ 1,000,000
10,500	21,000	\$ 1,000,000	\$ 10,000,000
7,000	20,500	\$ 100,000	\$ 1,000,000
5,000	10,500	\$ 100,000,000	\$ 500,000,000
868	1,736	\$ 100,000	\$ 1,000,000
28,000	83,500	\$ 100,000	\$ 1,000,000
17,500	34,500	\$ 10,000,000	\$ 100,000,000
1,500	5,000	\$ 100,000	\$ 1,000,000
1,500	3,500	\$ 10,000,000	\$ 100,000,000
20,000	31,000	\$ 10,000,000	\$ 100,000,000
500	1,000	\$ 100,000	\$ 1,000,000
NA	NA	\$ 100,000	\$ 1,000,000
NA	NA	\$ 100,000	\$ 1,000,000

	High Level Action Cost Buckets	
	Low	High
extremely	\$ 100,000,000	
very	\$ 10,000,000	\$ 100,000,000
large	\$ 1,000,000	\$ 10,000,000
some	\$ 100,000	\$ 1,000,000
little	\$ -	\$ 100,000

Cost of action around \$100K, GHG reduction not estimated  
 Cost of action around \$100K, GHG reduction not estimated