

Summary Sheet: Proposed emission reduction and exposure reduction strategies for the South Central Community Steering Committee Committee's consideration and comment  
July 24, 2019

Draft Measure	Emissions Reductions (tons)			# of Units	Type of Unit	Incentive Funding
	PM2.5	NOx	Toxics			
<b>Heavy Duty Mobile Sources</b>						
Provide Enhanced Incentive Funding for Zero and Near-Zero Emission Technology	1.35	491.5	x	150	Trucks	\$ 15,000,000.00
Deployment of Zero Emission Yard Trucks and Truck Refrigeration Units (TRUs)	9.95	0.15	x	50	Yard Trucks or TRUs	\$ 7,000,000.00
Measures to Reduce Idling: Charging Plugs for Trucks	0.17	10.33	x	33	Charging plugs	\$ 100,000.00
Implement Pilot Incentive Program to Provide Truck Emissions Repairs	TBD	TBD	TBD	9	Truck Repairs	\$ 75,000.00
Enhanced Enforcement of Statewide Anti-Idling Regulation	*	*	*			
Enhance Outreach and Access to Incentive Funding for New School Buses	8.32	20.8	x	16	School Buses	\$ 6,400,000.00
Incentive Program for Transit Bus Replacement	TBD	TBD	x	TBD	Transit Buses	TBD
Incentives for Locomotives	5.6	252	x	4	Locomotives	\$ 10,400,000.00
Incentives for Railcar Movers/Switchers	3.5	133	x	7	Switcher Locomotives	\$ 9,400,000.00
<b>Older/High Polluting Passenger Cars</b>						
Host Tune-In Tune-Up Events within Community	*	11.6	x	1250	Vehicle Repairs	\$ 1,000,000.00
Enhanced Access/Outreach to Incentives through Drive Clean	0.07	1.98	x	220	Clean-air Vehicles	\$ 1,600,000.00
Incentives for EV Infrastructure				42	EV Chargers	\$ 250,000.00
Increased Educational Training for EV Mechanics				5	Training Events	\$ 75,000.00
Ride Share Programs for Community	TBD	TBD	x	TBD	Ride Share Programs	\$ 250,000.00
<b>Residential Burning</b>						
Provide Enhanced Incentives to Replace Wood Burning Devices	500	*	x	500	Devices	\$ 1,500,000.00
Educate Public About Harmful Impacts of Wood Burning	*	*	*			
Enhanced Enforcement of Wood Burning Curtailments	*	*	*			
Outreach to Reduce Illegal Activity	*	*	*			
Enhanced Enforcement to Reduce Illegal Burning of Residential Waste	*	*	*			
<b>Agricultural Open Burning</b>						
Provide Incentives for Alternatives to Agricultural Burning (chipping/soil incorporation)	75	*	x	700	acres	\$ 375,000.00
<b>Industrial Sources</b>						
Provide incentives to plating operations to further reduce chrome emissions	TBD		x	TBD	TBD	TBD
Evaluate feasibility of funding further emissions reductions from biomass power facility (include mobile sources)	TBD		x	TBD	TBD	TBD
Evaluate feasibility of funding further emissions reductions from glass manufacturing plants (include mobile sources)	TBD		x	TBD	TBD	TBD
Pilot Training Program for Conducting Self-Inspections at Gas Stations	*	*	*			
Enhanced Inspection Frequency	*	*	*			
Provide Incentives to Install Advanced Control Technology	TBD	TBD	TBD	TBD	TBD	TBD
<b>Land Use and Urban Sources</b>						
Seek incentives for local businesses and homeowners to install solar power and energy storage	*	*	*	TBD	TBD	TBD
Incentives to reduce PM from commercial underfired charbroilers	4/yr		x	8	Control Systems	\$ 1,200,000.00
Land Use/Sustainable Development: Implement Projects that Reduce VMT	*	*	x			
Land Use: Support Planning and Development of Clean Fueling Infrastructure: EV Charging Stations				20	EV Chargers	\$ 1,000,000.00
Land Use: Support Planning and Development of Clean Fueling Infrastructure: Alternative Fuel Fueling Station				2	Alternative Fueling Stations	\$ 2,000,000.00

New Construction: Provide assistance during the CEQA process	*	*	*			
Fugitive Dust: Enhanced Enforcement Regulation VIII Fugitive Dust Requirements	*					
Road Dust: Evaluate increasing frequency of street sweeping	*					
Road Dust: Evaluate feasibility of road paving improvements	*					
Provide Enhanced Incentives for Replacement of Residential Lawn and Garden Equipment	TBD	TBD	x	570	Lawn & Garden Units	\$ 200,000.00
Enhance Outreach and Access to Incentive Funding for Commercial Lawn and Garden Equipment	TBD	TBD	x	60	Lawn & Garden Units	\$ 75,000.00
Enhance Outreach and Access to Incentive Funding for Public Fleet Vehicles	TBD	TBD	TBD	TBD	Vehicles	\$ 8,000,000.00
<b>Exposure Reduction Measures</b>						
HAL Schools: Increase Participation	*	*	*			
Air Filtration Systems in Community Schools	*	*	*	TBD	Filtration Systems	\$ 100,000.00
Mitigate indoor exposure to air pollution through weatherization and enhanced energy efficiency	*	*	*			
Mitigate indoor exposure to air pollution through education	*	*	*			
Identify opportunities for increased urban greening and forestry in the community	*	*	*	TBD	Trees Planted	
Provide Incentives for Installation of Vegetative Barriers Around/Near Sources Of Concern	*	*	*	TBD	TBD	TBD
Idling-Reduction Strategy: Protect Sensitive Receptors	*	*	*			
Outreach: Community Air Quality Outreach Strategy	*	*	*			
Outreach: Sharing Clean Air Efforts and How Communities Can Get Involved	*	*	*			

\* = emissions and/or exposure reductions from this measure are expected, but will not be a quantifiable target

x = measure will result in reduction of toxic air contaminants

TBD = To Be Determined