

**PR 2301 – Examples of Quantifiable Mitigation Measures¹
Commercial / Industrial**

Measure #	Measure	Description ²	Potential reductions ³
	<i>Energy Measures</i>		
A1	Energy Efficiency	<ul style="list-style-type: none"> Project exceeds Title 24 (e.g., install sufficient solar panels to provide an average annual energy use that exceeds Title 24 for the project) 	1%
A2	Boilers & Water Heaters	<ul style="list-style-type: none"> Modernize building to use less energy for space heating, hot water, etc. 	
		<ul style="list-style-type: none"> Use waste heat from air conditioning to heat water 	
A3	Space Heating	<ul style="list-style-type: none"> Install heat pumps 	n/a
		<ul style="list-style-type: none"> Increase wall insulation (higher rating on east and west walls) 	
		<ul style="list-style-type: none"> Increase ceiling insulation above code 	
A4	Energy Star Appliances	<ul style="list-style-type: none"> Install highest rating energy star appliances 	n/a
A5	Energy Efficient Interior Lights	<ul style="list-style-type: none"> Fluorescent lighting, light emitting diode or compact fluorescent bulbs in fixtures and motion sensors for all interior lights 	
A6	North/South Facing Windows or Skylights	<ul style="list-style-type: none"> 90% of windows are North/South facing, skylights, double glazed or glass blocks 	0.5%
A7	Roofs	<ul style="list-style-type: none"> Install Energy Star roof 	0.5-1%
		<ul style="list-style-type: none"> Use light colored roofing materials 	n/a
		<ul style="list-style-type: none"> Install green roofing designs 	1%
A8	Low-Emission Off-Grid Power sources	<ul style="list-style-type: none"> Low-emission off-grid power sources (microturbines, fuel cells, etc.) 	1-3%
A9	Urban Heat Island	<ul style="list-style-type: none"> Use light colored non-roof materials 	n/a
A10	Solar Water Heater	<ul style="list-style-type: none"> Install solar water heater 	n/a
A11	Green Contractors	<ul style="list-style-type: none"> Contract with landscaping services that use non-polluting equipment 	
	<i>Transportation</i>		
B1	Mixed-Use	<ul style="list-style-type: none"> Office, commercial, and residential are combined into a single building or a single site 	3-9%
		<ul style="list-style-type: none"> Project must provide safe and convenient pedestrian and bicycle access to all transit stops within ¼ mile 	0.05-2%
		<ul style="list-style-type: none"> Provide bus shelters for existing or planned transit service 	1-2%
B2	Business Center Shuttles	<ul style="list-style-type: none"> Office parks, business centers, and other employment centers provide shuttles to and from transit facilities and eating establishments if needed 	

¹ As determined in the most current URBEMIS model, AQMD rules methodologies, or CARB emission methodologies.

² Unless otherwise indicated, each bulleted item is counted as a separate mitigation measure.

³ Consideration of Climate Change in CEQA Analyses, Draft White Paper, October 17, 2007, preliminary study subject to change.

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Measure #	Measure	Description²	Potential reductions³
B3	Diesel Particulate Filters	<ul style="list-style-type: none"> Install highest efficiency filter available for on-road trucks to and from site 	
B4	Truck Idling Reduction	<ul style="list-style-type: none"> Implement Truck Idling Reduction Program 	
	<i>Parking</i>		
C1	Parking Pricing Strategies	<ul style="list-style-type: none"> Employee paid parking or parking cash-out 	1-30%
		<ul style="list-style-type: none"> Additional reductions if located near transit station 	
C2	Parking Spaces	<ul style="list-style-type: none"> Provide preferential parking spaces for carpools, vanpools, EVs, and alternative fuel vehicles near the entrance of buildings and provide 7'2" minimum vertical clearance in parking facilities for vanpool vehicles 	n/a
		<ul style="list-style-type: none"> Provide minimum amount of parking required or reductions less than code 	1-30%
C3	Park and Ride Lots	<ul style="list-style-type: none"> Build or contribute to park and ride lots (Amount TBD) 	
	<i>Other</i>		
D1	Provide Ridesharing Incentive or Transit Pass Subsidy	<ul style="list-style-type: none"> Provide incentive packages such as a one year subsidy allowance to employees (e.g., \$2 per day per employee or \$520 per year) 	
D2	Innovations in VMT reduction	<ul style="list-style-type: none"> Implement strategy that reduces vehicle emissions or VMT 	
D3	Operational Services	<ul style="list-style-type: none"> Provide on-site shops and services for employees 	0.5-5%

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