Feature	Description	Assigned Point Values	Project Points
Reduction M	Measure Energy: Exceed Energy Efficiency Standards in New	w Commercial	Units
Building Env	relope		
Insulation	 2019 Title 24 Requirements (walls R-16; roof/attic R-32) Modestly Enhanced Insulation (walls R-15, roof/attic R-38) Enhanced Insulation (rigid wall insulation R-13, roof/attic R-38) Greatly Enhanced Insulation (spray foam insulated walls R-18 or higher, roof/attic R-38 or higher) 	0 points 9 points 11 points 12 points	9
Windows	 2019 Title 24 Windows (0.3 U-factor, 0.23 solar heat gain coefficient [SHGC]) Enhanced Window (0.28 U-Factor, 0.22 SHGC) Greatly Enhanced Window (less than 0.28 U-Factor, less than 0.22 SHGC) 	0 points 4 points 5 points	4
Cool Roofs	 Enhanced Cool Roof (CRRC Rated 0.2 aged solar reflectance, 0.75 thermal emittance) Greatly Enhanced Cool Roof (CRRC Rated 0.35 aged solar reflectance, 0.75 thermal emittance) 	7 points 8 points	8
Air Infiltration	 Minimizing leaks in the building envelope is as important as the insulation properties of the building. Insulation does not work effectively if there is excess air leakage. Air barrier applied to exterior walls, calking, and visual inspection such as the HERS Verified Quality Insulation Installation (QII or equivalent) Blower Door HERS Verified Envelope Leakage or equivalent 	7 points 6 points	
Thermal Storage of Building	 Thermal storage is a design characteristic that helps keep a constant temperature in the building. Common thermal storage devices include strategically placed water filled columns, water storage tanks, and thick masonry walls. Modest Thermal Mass (10% of floor or 10% of walls 12" or more thick exposed concrete or masonry with no permanently installed floor covering such as carpet, linoleum, wood, or other insulating materials) Enhanced Thermal Mass (20% of floor or 20% of walls 12" or more thick exposed concrete or masonry with no permanently installed floor covering such as carpet, linoleum, wood, or other insulating materials) Enhanced Thermal Mass (80% of floor or 80% of walls 12" or more thick exposed concrete or masonry with no permanently installed floor covering such as carpet, linoleum, wood, or other insulating materials) 	2 points 4 points 14 points	
Indoor Space Heating/Cooling Distribution System	Modest Duct insulation (R-6 required) Enhanced Duct Insulation (R-8) Distribution loss reduction with inspection (HERS Verified Duct Leakage or equivalent)	0 points 5 points 6 points	5

Feature	Description	Assigned Point Values	Project Points
Space Heating/	• 2019 Title 24 Minimum HVAC Efficiency (SEER 13/75% AFUE or 7.7	0 points	
Cooling	HSPF)		4
Equipment	 Improved Efficiency HVAC (SEER 14/78% AFUE or 8 HSPF) 	4 points	
	High Efficiency HVAC (SEER 15/80% AFUE or 8.5 HSPF)	5 points	
	 Very High Efficiency HVAC (SEER 16/82% AFUE or 9 HSPF) 	7 points	
Commercial	Heat recovery strategies employed with commercial laundry, cooking	TBD	
Heat Recovery	equipment, and other commercial heat sources for reuse in HVAC air		
Systems	intake or other appropriate heat recovery technology. Point values for		
	these types of systems will be determined based upon design and		
	engineering data documenting the energy savings.		
Water Heaters	2019 Title 24 Minimum Efficiency (0.57 Energy Factor)	0 points	
	Improved Efficiency Water Heater (0.675 Energy Factor)	8 points	
	High Efficiency Water Heater (0.72 Energy Factor)	10 points	10
	 Very High Efficiency Water Heater (0.92 Energy Factor) 	11 points	
	Solar Pre-heat System (0.2 Net Solar Fraction)	2 points	
	Enhanced Solar Pre-heat System (0.35 Net Solar Fraction)	5 points	
Daylighting	Daylighting is the ability of each room within the building to provide outside light during the day reducing the need for artificial lighting during daylight hours.		
	All peripheral rooms within building have at least one window or skylight	0 points	
	 All rooms within building have daylight (through use of windows, solar tubes, skylights, etc.) 	1 point	1
	All rooms daylighted	1 point	
Artificial Lighting	Efficient Lights (25% of in-unit fixtures considered high efficiency. High efficiency is defined as 40 lumens/watt for 15 watt or less fixtures; 50 lumens/watt for 15-40 watt fixtures, 60 lumens/watt for fixtures >40 watt)	5 points	8
	High Efficiency Lights (50% of in-unit fixtures are high efficiency)	7 points	
	Very High Efficiency Lights (100% of in-unit fixtures are high efficiency)	8 points	
Appliances	Energy Star Commercial Refrigerator (new)	2 points	
	Energy Star Commercial Dishwasher (new)	2 points	
	Energy Star Commercial Clothes Washer	2 points	
Miscellaneo	us Commercial Building Efficiencies		l
Building	North/south alignment of building or other building placement such that	4 points	4
Placement	the orientation of the buildings optimizes conditions for natural heating, cooling, and lighting.	•	
Shading	At least 90% of south-facing glazing will be shaded by vegetation or overhangs at noon on June 21st.	6 points	
Other	This allows innovation by the applicant to provide design features that	TBD	
	increase the energy efficiency of the project not provided in the table. Note		

Feature	Description	Assigned Point Values	Project Points
	that engineering data will be required documenting the energy efficiency of innovative designs and point values given based upon the proven efficiency beyond Title 24 Energy Efficiency Standards.		
Existing Commercial Buildings Retrofits	The applicant may wish to provide energy efficiency retrofit projects to existing commercial buildings to further the point value of their project. Retrofitting existing commercial buildings within the City is a key reduction measure that is needed to reach the reduction goal. The potential for an applicant to take advantage of this program will be decided on a case-by-case basis and shall have the approval from the City of Chino Planning Department. The decision to allow applicants to participate in this program will be evaluated based upon, but not limited to the following:	TBD	
	 Will the energy efficiency retrofit project benefit low income or disadvantaged communities? Does the energy efficiency retrofit project provide co-benefits 		
	 important to the City? Point value will be determined based upon engineering and design criteria of the energy efficiency retrofit project. 		
Reduction N	leasure Energy 3- All Electric Buildings		
All-Electric Buildings	All electric buildings reduce GHG emissions, as the grid electricity they use is generated using less carbon over time. Grid electricity in California will be 60 percent renewable energy by 2030 and 100 percent renewable energy by 2040.	15 points	15
Reduction M	leasure Energy-7: Clean Energy		
	/Industrial Renewable Energy Generation		
Photovoltaic	Solar Photovoltaic panels installed on commercial buildings or in collective arrangements within a commercial development such that the total power provided augments: 30 percent of the power needs of the project 40 percent of the power needs of the project 50 percent of the power needs of the project 60 percent of the power needs of the project 70 percent of the power needs of the project 80 percent of the power needs of the project 90 percent of the power needs of the project 100 percent of the power needs of the project	8 points 12 points 16 points 19 points 23 points 26 points 30 points 34 points	16
Wind Turbines	Some areas of the City lend themselves to wind turbine applications. Analysis of the areas capability to support wind turbines should be evaluated prior to choosing this feature. Wind turbines as part of the commercial development such that the total power provided augments: 30 percent of the power needs of the project 40 percent of the power needs of the project 50 percent of the power needs of the project 60 percent of the power needs of the project	8 points 12 points 16 points 19 points	

Commercial Development and Public Pacifices				
Feature	Description	Assigned Point Values	Project Points	
	70 percent of the power needs of the project	23 points		
	80 percent of the power needs of the project	26 points		
	90 percent of the power needs of the project	30 points		
	100 percent of the power needs of the project	34 points		
	Too percent of the power needs of the project	•		
Off-site	The applicant may submit a proposal to supply an off-site renewable	TBD		
Renewable	energy project such as renewable energy retrofits of existing residential or			
Energy Project	existing commercial/industrial. These off-site renewable energy retrofit			
	project proposals will be determined on a case-by-case basis accompanied			
	by a detailed plan documenting the quantity of renewable energy the			
	proposal will generate. Point values will be based upon the energy			
	generated by the proposal.			
Other	The applicant may have innovative designs or unique site circumstances	TBD		
Renewable	(such as geothermal) that allow the project to generate electricity from			
Energy	renewable energy not provided in the table. The ability to supply other			
Generation	renewable energy and the point values allowed would be decided based			
	upon engineering data documenting the ability to generate electricity.			
Reduction M	leasure Water 1-3: Exceed Water Efficiency Standards			
Commercial	Irrigation and Landscaping			
Water Efficient	Eliminate conventional turf from landscaping	0 point		
Landscaping	Only moderate water using plants	2 points		
	Only low water using plants	3 points	3	
	Only California Native landscape that requires no or only supplemental	5 points		
	irrigation			
Water Efficient	Low precipitation spray heads< .75"/hr or drip irrigation	1 point		
Irrigation	Weather based irrigation control systems combined with drip	3 points	3	
Systems	irrigation (demonstrate 20% reduced water use)			
Storm Water	Innovative on-site storm water collection, filtration, and reuse systems are	TBD		
Reuse Systems	being developed that provide supplemental irrigation water and provide			
	vector control. These systems can greatly reduce the irrigation needs of a			
	project. Point values for these types of systems will be determined based			
	upon design and engineering data documenting the water savings.			
Commercial	Potable Water			
Showers	Water Efficient Showerheads (2.0 gpm)	2 points		
Toilets	Water Efficient Toilets/Urinals (1.5 gpm)	3 points	3	
	Waterless Urinals (note that commercial buildings having both	3 points		
	waterless urinals and high efficiency toilets will have a combined point			
	value of 6 points)			
Faucets	Water Efficient faucets (1.28 gpm)	2 points	2	
Commercial	Water Efficient dishwashers (20% water savings)	2 points		
Dishwashers				
Commercial	Water Efficient laundry (15% water savings)	2 points		
Laundry	High Efficiency laundry Equipment that captures and reuses rinse	4 points		
Washers	water (30% water savings)			
Commercial	Establish an operational program to reduce water loss from pools, water	TBD		
Water	features, etc., by covering pools, adjusting fountain operational hours, and			
	using water treatment to reduce draw down and replacement of water.			

	commercial Development and Public Pacinities		
Feature	Description	Assigned Point Values	Project Points
Operations Program	Point values for these types of plans will be determined based upon design and engineering data documenting the water savings.		
	mmercial/Industrial Reclaimed Water Use		
Recycled Water	Graywater (purple pipe) irrigation system on site	5 points	
Reduction N	Measure OnRoad: Alternative Transportation Options		
Mixed-Use D	Development		
Mixed-Use	Mixes of land uses that complement one another in a way that reduces the need for vehicle trips can greatly reduce GHG emissions. The point value of mixed-use projects will be determined based upon traffic studies that demonstrate trip reductions and/or reductions in vehicle miles traveled.	TBD	
Local Retail Near Residential (Commercial only Projects)	Having residential developments within walking and biking distance of local retail helps to reduce vehicle trips and/or vehicle miles traveled. The point value of residential projects in close proximity to local retail will be determined based upon traffic studies that demonstrate trip reductions and/or reductions in vehicle miles traveled.	TBD	
Preferential			
Parking	 Provide reserved preferential parking spaces for car-share, carpool, and ultra-low or zero emission vehicles. Provide larger parking spaces that can accommodate vans used for ride-sharing programs and reserve them for vanpools and include adequate passenger waiting/loading areas. 	1 point 1 point	1
Signal Synch	ronization and Intelligent Traffic Systems		
Signal Improvements	Techniques for improving traffic flow include: traffic signal coordination to reduce delay, incident management to increase response time to breakdowns and collisions, Intelligent Transportation Systems (ITS) to provide real-time information regarding road conditions and directions, and speed management to reduce high free-flow speeds. Synchronize signals along arterials used by project. Connect signals along arterials to existing ITS.	1 point/signal 3 points/signal	
Increase Puk	olic Transit		
Public Transit	The point value of a project's ability to increase public transit use will be determined based upon a Transportation Impact Analysis (TIA) demonstrating decreased use of private vehicles and increased use of public transportation. Increased transit accessibility (1–15 points)	TBD	
Reduction Naround the	Measure: Adopt and Implement a Bicycle Master Plan to Ex	rpand Bike Rou	ıtes
Sidewalks	 Provide sidewalks on both sides of the street (required) Provide pedestrian linkage between commercial and residential land uses within 1 mile 	1 point 3 points	1 3
Bicycle Paths	Provide bicycle paths within project boundaries	1 point	
	·		-

	commercial Bevelopment and rabile racinties		
Feature	Description	Assigned Point Values	Project Points
	 Provide bicycle path linkages between commercial and other land uses Provide bicycle path linkages between commercial and transit 	2 points 5 points	
Reduction N	Measure: Reduce Waste to Landfills	- режи	
Recycling	City initiated recycling program diverting 80% of waste requires coordination with commercial development to realize this goal. The following recycling features will help the City fulfill this goal: Provide separated recycling bins within each commercial building/floor and provide large external recycling collection bins at central location for collection truck pick-up Provide commercial/industrial recycling programs that fulfills an onsite goal of 80% diversion of solid waste Recycle construction waste	2 points 5 points 4 points	2
Other GHG I	Reduction Feature Implementation		
Other GHG Emissions Reduction Features	This allows innovation by the applicant to provide commercial design features that the GHG emissions from construction and/or operation of the project not provided in the table. Note that engineering data will be required documenting the GHG reduction amount and point values given based upon emission reductions calculations using approved models, methods, and protocols.	TBD	
Total Points	Earned by Commercial/Industrial Project:		103