

**Attachment H**

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**San Francisco Green Building Code  
Attachment H: Review of Energy Performance Requirements**  
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This table reviews minimum energy efficiency requirements for projects subject to San Francisco's green building requirements, which are based on the city and state requirements in effect at the date of application for building permit. For additional information, please see "Compliance Guidelines: Energy" starting on page 5 of Administrative Bulletin 93 (this bulletin).

Building Type	New Construction			Additions and Alterations			Municipal Projects	
	New Large Commercial A, B, I, M, E Occupancy ≥25,000 sq. ft.	All Other New Non-Residential	New High-Rise Residential ≥ 4 occupied floors	New Low-Rise Residential 1 - 3 occupied floors	Major Alteration to Commercial or Residential	Large First-Time Commercial Interiors		All Other Additions & Alterations
From January 1, 2023 - until California Energy Commission approval of SFGBC 2022 Energy Efficiency Provisions	All-Electric is required by SF Building Code 106A.1.17 All-Electric: Comply with Title 24 2022 OR Mixed Fuel (natural gas): In limited situations where natural gas may be permitted, comply with Electric Ready Design Guidelines (wiring for future conversion to all-electric). AND: Wiring For EV Charging				Meet rating system prerequisite: GreenPoint Rated All-Electric required, and: Comply with Title 24 2022 LEED: Title 24 2022 only. AND: Wiring For EV Charging	Comply with Title 24 2022 AND: Wiring For EV Charging, where applicable	Title 24 2022 only	All-Electric Required Comply with Title 24 2022 AND: Wiring For EV Charging
June 1, 2021 - December 31, 2022	All-Electric is required by SF Building Code 106A.1.17 Energy Performance: All-Electric: Comply with Title 24 2019 OR Mixed Fuel (natural gas): In limited situations where natural gas may be permitted, demonstrate at 10% Reduction compared to Title 24 2019, and comply with Electric Ready Design Guidelines (wiring for future conversion to all-electric). AND: Better Roofs or Commercial Renewable Energy, and Wiring For EV Charging			All-Electric is required by SF Building Code 106A.1.17 Energy Performance: All-Electric: Comply with Title 24 2019 OR Mixed Fuel (natural gas): In isolated situations where natural gas may be allowed, Total Energy Design Rating of 14 or less, and comply with Electric Ready Design Guidelines (wiring for future conversion to all-electric). AND: Better Roofs and Wiring For EV Charging	Meet rating system prerequisite: GreenPoint Rated All-Electric: Comply with Title 24 2019 Mixed Fuel: 10% Reduction compared to Title 24 2019 LEED: Title 24 2019 only. AND: Wiring For EV Charging	Comply with Title 24 2019 AND: Wiring For EV Charging, where applicable	Title 24 2019 only	All-Electric Required, Comply with Title 24 2019 AND: Better Roofs and Wiring For EV Charging
February 17, 2020 - May 31, 2021	All-Electric: Comply with Title 24 2019 OR Mixed Fuel (natural gas): 10% Reduction compared to Title 24 2019 AND: Better Roofs or Commercial Renewable Energy, and Wiring For EV Charging			All-Electric: Comply with Title 24 2019 OR Mixed Fuel (natural gas): Total Energy Design Rating of 14 or less, and Electric Ready wiring for appliances AND: Better Roofs and Wiring For EV Charging	Meet rating system prerequisite: GreenPoint Rated All-Electric: Comply with Title 24 2019 Mixed Fuel: 10% Reduction compared to Title 24 2019 LEED: Title 24 2019 only. AND: Wiring For EV Charging	Comply with Title 24 2019 AND: Wiring For EV Charging, where applicable	Title 24 2019 only	All-Electric Required, Comply with Title 24 2019 AND: Better Roofs and Wiring For EV Charging
January 1, 2020 - February 16, 2020	Comply with Title 24 2019 AND: Better Roofs or Commercial Renewable Energy, and Wiring For EV Charging			Meet rating system prerequisite: GreenPoint Rated All-Electric: Comply with Title 24 2019 Mixed Fuel (natural gas): 10% Reduction compared to Title 24 2019, and Electric Ready wiring for appliances LEED: Title 24 2019 only. AND: Better Roofs, and Wiring For EV Charging	Meet rating system prerequisite: GreenPoint Rated All-Electric: Comply with Title 24 2019 Mixed Fuel (natural gas): 10% Reduction compared to Title 24 2019, and Electric Ready wiring for appliances LEED: Title 24 2019 only. AND: Wiring For EV Charging	Comply with Title 24 2019 AND: Wiring For EV Charging, where applicable	Title 24 2019 only	All-Electric Required, Comply with Title 24 2019 AND: Better Roofs and Wiring For EV Charging

Date of Application for Building Permit

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Building Type	New Construction				Additions and Alterations			Municipal Projects
	New Large Commercial ≥25,000 sq. ft. A, B, I, M, E Occupancy	All Other New Non-Residential	New High-Rise Residential ≥ 4 occupied floors	New Low-Rise Residential 1 - 3 occupied floors	Major Alteration to Commercial or Residential	Large First-Time Commercial Interiors	All Other Additions & Alterations	
January 1, 2017 - December 31, 2019	Comply with Title 24 2019 <b>AND:</b> Better Roofs, or Commercial Renewable Energy, and Wiring For EV Charging		<b>Meet rating system prerequisite:</b> <i>GreenPoint Rated</i> - All-Electric; Comply with Title 24 2016 - Mixed Fuel (natural gas); 10% Reduction compared to Title 24 2016 OR <i>LEED</i> ; - See rating system <b>AND:</b> Better Roofs and Wiring For EV Charging	<b>Meet rating system prerequisite:</b> <i>GreenPoint Rated</i> - All-Electric; Comply with Title 24 2016 - Mixed Fuel (natural gas); 10% Reduction compared to Title 24 2016 <i>LEED</i> ; - See rating system <b>AND:</b> Wiring For EV Charging	<b>Meet rating system prerequisite:</b> <i>GreenPoint Rated</i> - All-Electric; Comply with Title 24 2016 - Mixed Fuel (natural gas); 10% Reduction compared to Title 24 2016 <i>LEED</i> ; - See rating system <b>AND:</b> Wiring For EV Charging	Comply with Title 24 2016 <b>AND:</b> Better Roofs and Wiring For EV Charging	Comply with Title 24 2016 only <b>AND:</b> Better Roofs and Wiring For EV Charging	Comply with Title 24 2016 <b>AND:</b> Better Roofs and Wiring For EV Charging
July 1, 2014 - December 31, 2016	Comply with Title 24 2013 <b>AND</b> Commercial Renewable Energy	Title 24 2013 only	<b>Meet rating system prerequisite:</b> <i>GreenPoint Rated</i> or <i>LEED</i> for Homes (including Mid-rise) 15% Reduction compared to Title 24 2013	Title 24 2013 only	Title 24 2013 only	Comply with Title 24 2013 only	Title 24 2013 only	Comply with Title 24 2013 <b>AND:</b> Renewable Energy provision of Environment Code Chapter 7
January 1, 2014 - June 30, 2014	Comply with Title 24 2008 <b>AND</b> Commercial Renewable Energy	Title 24 2008 only	<b>Meet rating system prerequisite:</b> <i>GreenPoint Rated</i> or <i>LEED</i> for Homes (including Mid-rise) 15% Reduction compared to Title 24 2008	Title 24 2008 only	Title 24 2008 only	Comply with Title 24 2008 <b>AND:</b> Renewable Energy provision of Environment Code Chapter 7	Comply with Title 24 2008 only	Comply with Title 24 2008 <b>AND:</b> Renewable Energy provision of Environment Code Chapter 7
January 1, 2011 - December 31, 2013		15% Reduction compared to Title 24 2008	<b>Meet rating system prerequisite:</b> <i>GreenPoint Rated</i> - <i>LEED BD-C 2009: T24</i> (2008) only - <i>GreenPoint Rated</i> : 15% Reduction compared to Title 24 (2008)	Title 24 2008 only	Title 24 2008 only	15% Reduction compared to Title 24 2008	Title 24 2008 only	15% Reduction compared to Title 24 2008 <b>AND:</b> Renewable Energy provision of Environment Code Chapter 7

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