

DOCKETED

Docket Number:	19-BSTD-06
Project Title:	Local Ordinances Exceeding the 2019 Energy Code
TN #:	232170-3
Document Title:	City of San Francisco - 2019 1
Description:	Plain text of energy related requirements in the SF ordinance
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Attachment 1: Summary of Energy-Related Requirements in San Francisco Ordinances

Board File	SFGBC Section	Requirement Stricter Than Allowed by T24 2019	Option Using Neither More Nor Less Energy Than 24 2019
190964	4.103.1.1	<p>New Group R occupancy buildings must achieve 75 points under GreenPoint Rated or LEED Silver certification.</p> <p>GreenPoint Rated minimum energy performance criteria:</p> <p>(item J5 of GreenPoint Rated):</p> <ul style="list-style-type: none"> • All-electric low-rise or high-rise: Comply with Title 24 (2019) • Low-Rise Mixed Fuel: Total Energy Design Rating in Climate Zone 3: ≤14 • High-Rise Mixed Fuel: 10% Title 24 (2019) compliance margin 	<p>LEED: US Green Building Council accepts compliance with the edition of California Title 24 Energy Standards in effect at the time of building permit application as fulfilling the Minimum Energy Performance prerequisite of LEED (all iterations).</p> <p>https://www.usgbc.org/credits/green-codes-california-acp</p>
190964	4.201.2	<p>Extends applicability of Solar Ready rules in Title 24 Part 6 Section 110.10 (b) through (e) to all newly constructed Group R occupancy buildings which are ≥4 and ≤10 occupied floors. Such buildings must install solar PV or solar thermal in the Solar Ready area.</p> <p>Update for 2019: Local requirement does not apply to Group R occupancy of ≤3 floors. Superseded by Title 24 (2019) 110.10, 150.1(c)14, and 150.1(c)8.iv.</p>	<p>San Francisco Planning Code Section 149 allows the installation of green roof in lieu of solar PV or solar thermal. (No longer applicable to Group R occupancy of ≤3 occupied floors, due to statewide PV requirements in Title 24 (2019) Part 6 110.10, 150.1(c)14, and 150.1(c)8.iv.</p>
190964	5.103.1.1	N/A	<p>New buildings of occupancy Group A, I, B, and M of 25,000 square feet or larger must achieve LEED “Gold” certification.</p> <p>LEED: USGBC accepts California Title 24 Energy Standards as meeting the Minimum Energy Performance prerequisite for LEED v4 (all iterations).</p>
190964	5.201.1.2	<p>Extends applicability of Solar Ready rules in Title 24 Part 6 Section 110.10 (b) through (e) to all newly constructed non-residential buildings. Solar PV or solar thermal must be installed in the Solar Ready area.</p>	<p>San Francisco Planning Code Section 149 allows the installation of green roof in lieu of solar PV or solar thermal.</p>

190974	4.201.3	<p>Newly constructed Group R occupancy buildings:</p> <ul style="list-style-type: none"> • All-electric low-rise or high-rise: Comply with Title 24 (2019) • Low-Rise Mixed Fuel: Total Energy Design Rating ≤ 14 • High-Rise Mixed Fuel: 10% Title 24 (2019) compliance margin 	None.
190974	5.201.1.1	<p>Newly constructed buildings of any non-residential occupancy except F, L, or H:</p> <ul style="list-style-type: none"> • All-electric: Comply with Title 24 (2019) • Mixed Fuel: 10% Title 24 (2019) compliance margin 	None.

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190964	4.103.1.1	<p>New Group R occupancy buildings must achieve 75 points under GreenPoint Rated or LEED Silver certification.</p> <p>GreenPoint Rated minimum energy performance criteria:</p> <p>(item J5 of GreenPoint Rated):</p> <ul style="list-style-type: none"> • All-electric low-rise or high-rise: Comply with Title 24 (2019) • Low-Rise Mixed Fuel: Total Energy Design Rating in Climate Zone 3: ≤ 14 • High-Rise Mixed Fuel: 10% Title 24 (2019) compliance margin
190964	4.201.2	<p>Extends applicability of Solar Ready rules in Title 24 Part 6 Section 110.10 (b) through (e) to all newly constructed Group R occupancy buildings which are ≥ 4 and ≤ 10 occupied floors. Such buildings must install solar PV or solar thermal in the Solar Ready area.</p> <p>Alternative Option: San Francisco Planning Code Section 149 allows the installation of living roof in lieu of solar PV or solar thermal. (Living roof option is not applicable to Group R occupancy of ≤ 3 occupied floors, due to statewide PV requirements in Title 24 (2019) Part 6 110.10, 150.1(c)14, and 150.1(c)8.iv.)</p> <p>Local requirement does not apply to Group R occupancy of ≤ 3 floors. Superseded by Title 24 (2019) 110.10, 150.1(c)14, and 150.1(c)8.iv.</p>
190964	5.103.1.1	N/A
190964	5.201.1.2	<p>Extends applicability of Solar Ready rules in Title 24 Part 6 Section 110.10 (b) through (e) to all newly constructed non-residential buildings. Solar PV or solar thermal must be installed in the Solar Ready area.</p> <p>Alternative Option: San Francisco Planning Code Section 149 allows the installation of living roof in lieu of solar PV or solar thermal. (Living roof option is not applicable to Group R occupancy of ≤ 3 occupied floors, due to statewide PV requirements in Title 24 (2019) Part 6 110.10, 150.1(c)14, and 150.1(c)8.iv.)</p>
190974	4.201.3	<p>Newly constructed Group R occupancy buildings:</p> <ul style="list-style-type: none"> • All-electric low-rise or high-rise: Comply with Title 24 (2019) • Low-Rise Mixed Fuel: Total Energy Design Rating ≤ 14 • High-Rise Mixed Fuel: 10% Title 24 (2019) compliance margin
190974	5.201.1.1	<p>Newly constructed buildings of any non-residential occupancy except F, L, or H:</p> <ul style="list-style-type: none"> • All-electric: Comply with Title 24 (2019) • Mixed Fuel: 10% Title 24 (2019) compliance margin