

HAWAI'I COUNTY ENERGY CODE

2018 IECC, HAWAI'I REVISED STATUTES [HRS 107-24 TO 28](#) & HAWAI'I ADMINISTRATIVE RULES HAR 3-181.1

COMMERCIAL BUILDING ENERGY EFFICIENCY STANDARDS

I CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE, THIS PROJECTS DESIGN SUBSTANTIALLY CONFORMS TO THE BUILDING ENERGY EFFICIENCY STANDARDS PERTAINING TO THE **COMMERCIAL PROVISIONS FOR ELECTRICAL AND LIGHTING SYSTEMS (C405 & C408)** OF THE 2018 IECC WITH AMENDMENTS PER HAR 3-181.1

STATE AMENDMENTS: [EFFECTIVE FOR NEW APPLICATIONS BEGINNING 09/01/2021](#)
COUNTY AMENDMENTS: PENDING

COMPLIANCE METHOD

- 2018 IECC as amended. Mandatory & Prescriptive
- 2018 IECC as amended. Mandatory & Total Building Performance
- ASHRAE Standard 90.1-2016. Mandatory & Prescriptive
- ASHRAE Standard 90.1-2016. Mandatory & Energy Cost Budget

INFORMATION IN CONSTRUCTION DOCUMENTS

	Yes	N/A
Interior Lighting		
Occupant sensor controls. C405.2.1	<input type="checkbox"/>	<input type="checkbox"/>
Time switch controls. C405.2.2	<input type="checkbox"/>	<input type="checkbox"/>
Daylight responsive controls. C405.2.3	<input type="checkbox"/>	<input type="checkbox"/>
Daylight zones on plans. C405.2.3.2 & C405.2.3.3	<input type="checkbox"/>	<input type="checkbox"/>
Guest room controls. C405.2.4	<input type="checkbox"/>	<input type="checkbox"/>
Interior lighting fixture schedule	<input type="checkbox"/>	<input type="checkbox"/>
Interior lighting power allowances. C405.3.2	<input type="checkbox"/>	<input type="checkbox"/>
Interior lighting fixture locations	<input type="checkbox"/>	<input type="checkbox"/>
Lighting control functional performance testing requirement. C408.3	<input type="checkbox"/>	<input type="checkbox"/>
Exterior Lighting		
Exterior lighting controls. C405.2.6	<input type="checkbox"/>	<input type="checkbox"/>
Exterior lighting fixture schedule	<input type="checkbox"/>	<input type="checkbox"/>
Exterior lighting power allowances. C405.4.2	<input type="checkbox"/>	<input type="checkbox"/>
Exterior lighting fixture locations	<input type="checkbox"/>	<input type="checkbox"/>
Electrical		
Electrical transformer efficiency. C405.6	<input type="checkbox"/>	<input type="checkbox"/>
Electrical motor efficiency. C405.7	<input type="checkbox"/>	<input type="checkbox"/>
Voltage drop less than 5%. C405.9	<input type="checkbox"/>	<input type="checkbox"/>
Tenant submetering. C405.10	<input type="checkbox"/>	<input type="checkbox"/>

NOTES

The above must be submitted to the County of Hawaii Building Division as a block or detail within the plan sets on its respective trade sheet (Electrical).

Effective Date: 09/01/2021