

City of Dallas - Commercial Energy Compliance Path - 2021 (IECC)
Submit with application for a building permit
For New Construction, Additions and 1st Time Finish Outs Submitted



Project Address: _____

Commercial Buildings Compliance Path (one of the following):

Option #1A - ASHRAE 90.1 (2019) Prescriptive: Section 5 through Section 10 (*May use COMcheck to demonstrate compliance*)

Section 5 – Building Envelope
Section 6 – HVAC
Section 7 – Service Water Heating

Section 8 – Power
Section 9 – Lighting
Section 10 – Other Equipment

Option #1B – ASHRAE 90.1 (2019) Section 11 Energy Cost Budget Method:

Section 5.2.1, 6.2.1, 7.2.1, 8.2.1, 9.2.1, and 10.2.1; Design energy cost (Sec. 11.5) \leq energy cost budget (Sec. 11.4); Energy efficiency level of components specified meet or exceed energy efficiency levels used to calculate energy costs; Verification, testing, and commissioning requirements of Section 4.2.5 shall be met; and a list of the energy-related features that are included in the design and on which compliance with the provisions of section 11 is based as required by Section 11.7.2(d.), that do not have criteria in Sections 5 through 10 shall have verification or testing document proper installation and operation in accordance with Section 4.2.5.

Option #2 – IECC Prescriptive: (*May use COMcheck to demonstrate compliance.*)

C402 – Building Envelope Requirements
C404 – Service Water Heating

C403 – Building Mechanical Systems
C405 – Electrical Power and Lighting Systems

C406 – Additional energy efficiency credit requirements – New buildings shall achieve a total of 10 credits from Tables C406.1(1) through C406.1(5) where the table is selected based on the use group of the building and from credit calculations as specified in relevant subsections of Section C406.

Option #3- Total Building Performance: (Building energy cost less than or equal to 85% of the annual energy cost of the standard reference design.) Must comply with Section C407 – Total Building Performance and the sections outlined in Table C407.2.

NOTE: Mechanical cooling systems over 480,000 Btu/h and service water-heating/space-heating systems over 600,000 Btu/h (combined capacity); and, controls for automatic lighting systems require certain information on construction documents and system commissioning and reports in accordance with section C408.

I certify that I have reviewed the construction documents including, but not necessarily limited to, insulation materials and R-values; fenestration U-factors and SHGC values; area-weighted average U-factor and SHGC calculations; mechanical system design criteria; mechanical and service water heating system and equipment types, sizes and efficiencies; economizer description; equipment and system controls; fan motor HP and controls; duct sealing, duct and piping insulation and location; lighting fixture schedule with wattage and control narrative; location of daylight zones on floor plans; and air sealing details; and that the project as designed satisfies the minimum requirements for the compliance approach selected above.

COD 3rd Party Provider: _____ **COD Registration #:** _____

Signature of Responsible Party: _____ **Date:** _____

Printed Name and Title of Responsible Party: _____