



Date: July 10, 2023.

Dear Mo:

**Subject:** 2023 FL Energy Code Compliance Software Tool Request for Approval by the Florida Building Commission

FSEC is pleased to submit EnergygaugeSummit 8.00 software for approval by Florida Building Commission. This software version implements Florida Building Code Eighth Edition (2023) - Energy Conservation related to commercial buildings.

Name of Product: EnergyGauge Summit version 8.00

**The Commercial Code Compliance options the software implements:**

- ASHRAE 90.1-2019 - Energy Cost Budget Method - C401.2.1
- ASHRAE 90.1-2019 - Prescriptive Compliance Option - C401.2.1
- ASHRAE 90.1-2019 - Appendix G Performance Rating Option - C401.2.1
- FBC 2023 - Total Building Performance Compliance Option - C401.2.3
- FBC 2023 - Prescriptive Compliance Option - C401.2.2
- FBC 2023 – Component Performance Alternative Option - C401.2.2

The ASHRAE 90.1-2019 - Envelope Trade-Off Option is not supported.

The filing version of the software may be downloaded from the link below:

<https://energygauge.com/downloads/setups/energygaugesummitfiling.exe>

Sample output reports from the test case run for each compliance option are attached. We have reviewed these output reports for accuracy and hope it will help make your review process smoother. The sample input file, SampleSummit.egc, used to create these outputs is in the installed sub directory ...\\Samples. We'll be happy to demonstrate the features at a Zoom meeting if you so desire.

Thank you

Sincerely,

Muthusamy Swami  
Program Director, Simulation Software Development  
Buildings Research

