EnergyGauge Summit 8.00 Revision 6
Release Notes - March 4, 2024

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1) The output report for lighting controls is more descriptive

Acronym	ID	Description	Area (sq.ft)	Compliance
Space 1	1	Space 1 (Electrical Mechanical Equipment Room - General)	100	COMPLIANCE: PASSES REQUIRED: 　　All of |1|8|; one of |2|3| CONTROLS IN SPACE: 　　1-Manual (Local Control) 　　2-Occupancy Sensor - Manual ON only EXCEPTION(S)CLAIMED: 　　8-Occupant Sensor Auto Full OFF JUSTIFICATION: Justification: sections
Space 2	12	Space 2 (Lobby (General) - Reception and Waiting)	906	COMPLIANCE: FAILS Control type 3 required for compliance not found Atleast one additional control type |9| required for compliance REQUIRED: 　　All of |3|; one of |9| CONTROLS IN SPACE: 　　0-None

2) Character limit of Control exception justification. The limit is now 100 Characters and should not give an error even if that is exceeded. It should just trim the saved text to 100 characters.

Use input column "FBC 8thEd ..." for FBC 8th Edition, ASHRAE 2019, IECC 2021 and beyond
Use input columns "All Other Codes ... " for prior codes

☑ Hide Pre-8th Ed Columns

	Type	Category	No. of Luminaires	Watts per Luminaire	FBC 8thEd Control Type	FBC 8thEd Control Exception	Area Lighted	
1	LED ▾	General	15	50.00	|1|2|	|8|		

Enter below justification for any Control Exception taken, such as, code section etc Max 100 Characters

Justification: sections

Compliance Feedback set to: Florida 8th Edition 2023 (IECC option)
Lighting Power Compliance FAILS
Lighting Power Design: 750. Effective: 750. Allowance: 43. Compliance:

3) Corrected baseline system for residential single zone systems consistent with ASHRAE ECB system Map

4) Other minor formatting changes.

Ease of Use In both input and output reports, the space description is added for clarity.

Ease of Use Lighting Grid in the Space form has been sorted to show LED-type lighting first.

Ease of Use: A check box "*Hide Pre-8th Ed Columns*" displays only 8th edition control columns for easy input.

Ease of Use: The "FBC 8th Ed Control Exception" column has been added to display control exemptions claimed by the user.

Ease of Use: A justification input field has been added for users to justify any lighting control exemption claimed. The justification is then shown on the output report for submission.

Editorial: On the Lighting Control Input Dialog, the section numbers have been corrected.

Enhancement: A new column has been added to the lighting control dialog where the user can claim exemption for lighting controls as per code.

Enhancement: Outdoor Air Parameters have now been moved to the space input form to help input data more specific to the space type.

Enhancement: On the Project page, Settings tab, checking the "Override Internal Loads" check box will use actual internal loads input on the space form rather than from Summit's Standard library. This helps input and account for more relevant and known space internal loads.

Bug: Error "Invalid Climate DatasetID" for certain combinations of building space types. **Resolution**: This has been fixed.

Bug: Error "Subscript out of range" for certain lighting control entries. **Resolution**: This has been fixed.

BUG: In some instances, although the lighting controls subsection of the compliance report shows all spaces "*PASSING*" concerning Lighting Controls, the summary section of the compliance report shows that the building has "*FAILED*." **Resolution**: This has been fixed.

BUG: Warning "*Water Source Heat Pump requires SEER2*" **Resolution**: This has been fixed.

BUG: For ASHRAE ECB Compliance, Dwelling units LPD for baseline has been corrected to 0.6 W/ft^2 per Table 11.5.1 6e page 206. **Resolution**: This has been fixed.

BUG: For ASHRAE ECB Compliance baseline Fan system efficiency has been corrected per ASHRAE 11.5.2 (h) Page 201.