



January 5, 2011

Florida Building Commission
Building Codes and Standards Office
2555 Shumard Oak Blvd.
Tallahassee, Florida 32399-2100

RE: Submission of EnergyGauge Summit 4.00 for approval for the 2010 Florida Energy Code for Commercial Buildings.

The Florida Solar Energy Center is pleased to submit EnergyGauge Summit 4.00 for approval for the 2010 Florida Energy Code for Commercial Buildings.

Certification

To the best of our knowledge, judgment and interpretation, we certify that the software submitted meets the requirements to demonstrate compliance of the 2010 Florida Energy Code for commercial buildings and the procedures of the “Energy Simulation Tool Approval Technical Assistance Manual, TAM-2010-1.0”

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Contents of submission:

- 1) Hard copy of this letter (2 copies)
- 2) Hard copy of the report entitled “ASHRAE Standard 140-2007 Standard Method of Test for the valuation of Building Energy Analysis Computer Programs: Test Results for the DOE-2.1E (v120) incorporated in EnergyGauge Summit 4:00” (2 copies)
- 3) User Manual for EnergyGauge Summit 4:00 (2 Copies)
- 4) Two copies of a CD whose contents are as follows:
 - a. **File Named “Letter.pdf”**: is this letter
 - b. **File Named “SP140Report.pdf”**: is the sp140-2007 report – described under 2)
 - c. **User manual for EnergyGauge Summit 4.00** described under 3)
 - d. **Directory Named “EnergyGaugeSummit”**: Contains the software install package for EnergyGauge Summit 4.00



- e. **Directory Named "InputFiles"**: Contains all the DOE2.1E input files used for the SP140-2007 tests.
- f. **Directory Named "OutputFiles"**: Contains all the DOE2.1E outputs that were obtained by running the input files in the previous directory through EnergyGauge Summit 4.00.
- g. **Directory Named "WeatherFiles"**: Contains all the weather files used for the different SP140-2007 test sets.
- h. **Directory Named "Results"**: Contains all the results in spreadsheet form as described in Section 4 of the report under item 2), including COMNET Acceptance Range Results