ASHRAE Standard 140 Weather Drivers Test Suite – Field Trial #1

Questionnaire

Software Name:

Implementing Organization:

1. Which weather file format was used in the simulation?

TMY3

EPW

CLM

JSON

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What algorithms are used for titled surface radiation calculation?

Isotropic Sky Model

Hay and Davies Model

Reindl Model

Perez Model (1988 coefficients)

Perez Model (1999 coefficients)

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What algorithms are used for calculating the sky temperatures?

Clark - Allen

Martin - Berdahl

Brunt

Carmona

Other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What technique is used to interpolate values for sub-hourly timesteps?
2. Is there other data from the weather file that your software uses that isn’t tested in this test suite? Is so, please list those values.
3. Are there other values calculated from the weather file data that aren’t tested by this test suite? Is so, please list those values.
4. Any other comments on the test suite?