



(Responsible Individual)

(Company Name)

I, **Erik Olsen**

, from

Transsolar

verify that the information provided below is accurate, to the best of my knowledge.

CREDIT COMPLIANCE

(Please complete the color coded criteria(s) based on the option path selected)

Please select the appropriate compliance path option

Option 1 (Pg 2): Performance Rating Method, ASHRAE 90.1-2004 Appendix G or equivalent (up to 10 points possible)

Option 2 (Pg 14): ASHRAE Advanced Energy Design Guide for Small Office Buildings 2004 (4 points)

Option 3 (Pg 14): Advanced Buildings Benchmark™ Version 1.1, Basic Criteria & Prescriptive Measures (1 point)



OPTION 1: PERFORMANCE RATING METHOD

I confirm that the energy simulation software used for this project has all capabilities described in EITHER section 'G2 Simulation General Requirements' in Appendix G of ASHRAE 90.1-2004 OR the analogous section of the alternative qualifying energy code used.

I confirm that the baseline building and proposed building in this project's energy simulation runs use the assumptions and modeling methodology described in EITHER Appendix G of ASHRAE 90.1-2004 OR the analogous section of the alternative qualifying energy code used.

Complete the following sections to document compliance using Option 1:

- Section 1.1 - General Information
- Section 1.2 - Space Summary
- Section 1.3 - Advisory Messages
- Section 1.4 - Comparison of Proposed Design Versus Baseline Design Energy Model Inputs
- Section 1.5 - Energy Type Summary
- Section 1.6 - On-Site Renewable Energy *(if applicable)*
- Section 1.7 - Exceptional Calculation Measure Summary *(if applicable)*
- Section 1.8 - Performance Rating Method Compliance Report

Section 1.1 - General Information

Provide the following data for your project

Simulation Program:	<input type="text" value="Trnsys 17.0"/>	Quantity of Stories:	<input type="text" value="13"/>
Principal Heating Source:	<input type="text" value="Fossil Fuel"/>	Weather File:	<input type="text" value="Baltimore TMY3"/>
Energy Code Used:	<input type="text" value="ASHRAE 90.1-2004 Appendix G"/>	Climate Zone:	<input type="text" value="4A"/>
New Construction Percent:	<input type="text" value="100 %"/>	Existing Renovation Percent:	<input type="text" value="0 %"/>

Enter the Target Finder score for your building from the Energy Star website (http://www.energystar.gov/index.cfm?fuseaction=target_finder.&CFID=154897). The score has no bearing on the number of EAc1 points earned. Use the following process to evaluate the Target Finder score:

1. Enter the facility information
2. Enter the facility characteristics. Select each primary and secondary space type that applies to the project. Then complete the required information for each space type.
4. Enter the total energy use per energy source for your project based on the totals reflected in the Proposed Design energy simulation output report.

Target Finder Score:



Section 1.2 - Space Summary

Provide the space summary for your project
(click "CLEAR" to clear the contents of any row All numeric entries must be entered as whole numbers without commas):

Building Use (Occupancy Type)	Conditioned Area (sf)	Unconditioned Area (sf)	Total Area (sf)	
Classroom	18,939		18,939	<input type="button" value="CLEAR"/>
Multi-Occupant (jury rooms, lounge, conference)	7,455		7,455	<input type="button" value="CLEAR"/>
Corridors	14,998		14,998	<input type="button" value="CLEAR"/>
BOH (storage, AVroom, restrooms, copyrooms)		30,222	30,222	<input type="button" value="CLEAR"/>
Office (open, private, law clinics)	34,645		34,645	<input type="button" value="CLEAR"/>
Reception and Lobbies	8,746		8,746	<input type="button" value="CLEAR"/>
Library (reception, stacks, reading)	16,070		16,070	<input type="button" value="CLEAR"/>
Atrium	39,000		39,000	<input type="button" value="CLEAR"/>
Study Rooms	11,093		11,093	<input type="button" value="CLEAR"/>
Moot Courts	7,697		7,697	<input type="button" value="CLEAR"/>
Miscellaneous (playroom, computer lab)	835		835	<input type="button" value="CLEAR"/>
Total:	159,478	30,222	189,700	

Section 1.3 - Advisory Messages

Complete the following information from the simulation output files (all entries should be entered as whole numbers, without commas)

	Proposed Building	Baseline Building (0 deg. rotation)	Difference
Number of hours heating loads not met:	0	0	0
Number of hours cooling loads not met:	0	0	0
Number of warning messages:	0	0	0
Number of error messages:	0	0	0
Number of defaults overridden:	0	0	0