

June 2016 Summary
2016 Residential Alternative Calculation Method (ACM)
Reference Manual

<u>Page</u>	<u>Description of Change</u>
6	Section 2.2.3 includes an update of the photovoltaic (PV) credit (Table 1) and description of how the credit is applied.
11-13	A new Codes and Standards Enhancement (CASE) report is the basis for lighting, appliance and plug load assumptions. Sections 2.2.12 and 2.2.13 are revised to include the reference to Appendix C, which summarizes the full CASE report.
54-55	Internal gains assumptions are revised based on the CASE report. Section 2.5.5 is revised to include the reference to Appendix C, which summarizes the full CASE report.
72-75	Domestic hot water assumptions are revised to include new calculation assumptions. Section 2.9 is revised to correctly reflect the 2016 changes, heat pump water heater modeling, and include a reference to Appendix B, which documents these changes.
85-87	Energy design rating (EDR) and the calculation procedures for determining the energy use are included in Sections 3 and 3.1.
87-88	The assumptions used to determine the energy budget (called the reference design in the EDR) are documented in Section 3.2.
88	PV system credit as reflected in the EDR is described in Section 3.3.
Appendix A – SPECIAL FEATURES	
	Clean up to features that result in special features notes and HERS requirements.
Appendix B – WATER HEATING CALCULATION METHOD	
	Revised calculations and procedures for water heaters.
Appendix C – PLUG LOADS AND LIGHTING	
	New appendix summarizing the CASE report, which is the basis for lighting, appliance and plug load assumptions.
Appendix D – TECHNICAL REFERENCES	
	List of reports that form the basis for water heating changes, appliances and internal gains assumptions, as well as how to access those documents.
Appendix E – ALGORITHMS	
	No changes