


**Alberta Environment Energy Efficiency Protocol  
Good Practice Guidance**

1. Document Title	2. Publishing Body / Date	3. Description	4. Document Location
ISO 14064-2:2006 Specification With Guidance at the Project Level for Quantification, Monitoring and Reporting of GHG Emission Reductions or Removal Enhancements	Canadian Standards Association, through International Standards Organization.  April 2006	This is the first edition of CAN/CSA-ISO 14064-2, Greenhouse Gases – Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements, which is an adoption without modification of the identically titled ISO Standard.	<a href="http://www.iso.org/iso/catalogue_detail?csnumber=38382">http://www.iso.org/iso/catalogue_detail?csnumber=38382</a>
International Performance Measurement and Verification Protocol, Volume I, II and III	US Department of Energy	The U.S. Department of Energy sponsored the development of this standard. It outlines measurement and verification (M&V) terminology and defines four M&V options to quantify energy and water savings. It is a savings-verification tool with principles that are applicable to commercial and industrial energy efficiency projects.  Reviewed by 150 committee members.	<a href="#">Volume I</a> <a href="#">Volume II</a> <a href="#">Volume III</a>
Guideline 14-2002 Measurement of Energy and Demand Savings	American Society of Heating, Refrigerating and Air-Conditioning Engineers	The Guideline describes a consistent manner to measure energy savings due to building energy management projects. It provides a standardized set of energy and demand savings calculation procedures including measures for pre- and post-retrofit data to qualify the billing determinants and outlines a minimum acceptable level of	<a href="http://www.realread.com/prst/pageview/browse.cgi?book=1931862664">http://www.realread.com/prst/pageview/browse.cgi?book=1931862664</a>

		performance in determining energy and demand savings.	
Model Energy Efficiency Program Impact Evaluation	Guide under the US National Action Plan for Energy Efficiency November 2007	<p>The Guide assists gas and electric utilities, utility regulators, and others in the implementation of the National Action Plan for Energy Efficiency and other goals.</p> <p>The Guide describes a structure and several model approaches for calculating energy, demand, and emissions savings resulting from facility-based energy efficiency activity.</p>	<a href="http://epa.gov/cleanrgy/documents/evaluation_guide.pdf">http://epa.gov/cleanrgy/documents/evaluation_guide.pdf</a>
Draft Energy Efficiency Methodology	GE-AES Greenhouse Gas Services (GHGS)	Greenhouse Gas Services has developed a rigorous Standard of Practice to ensure the environmental and scientific integrity. GGS designs its standard on a framework established by ISO 14064 and crafted its approach to maximize compatibility with other recognized standards.	To be posted: <a href="http://www.greenhousegases.com">www.greenhousegases.com</a>
Small Scale CDM Methodologies , and New Methodologies from UNFCCC	CDM Executive Board's website as of January 2008	SSC Methodology number - AMS-II.	<a href="http://cdm.unfccc.int/methodologies/SSCmethodologies/approved.html">http://cdm.unfccc.int/methodologies/SSCmethodologies/approved.html</a>
Protocol Development Process	Alberta Environment, Carbon Offsets Solutions website	The outlined Process states the required steps in the development and approval process for the Alberta Offset system including 3 rounds of stakeholder input.	<a href="http://www.carbonoffsetsolutions.ca/offsetprotocols/abprotocolDevelopment.html">http://www.carbonoffsetsolutions.ca/offsetprotocols/abprotocolDevelopment.html</a>
Draft Guide to Quantification Methodologies	Environment Canada March 2006	This Guide outlined the steps taken to develop a quantification methodology and protocol under the	 Draft Guide March 2006

and Protocols		proposed Federal Offset System.	
Draft Greenhouse Gases- Guide for Protocol Developers	Environment Canada August 2008	This Guide supersedes the above listed document and provides detailed information on how to prepare and complete an Offset System Quantification Protocol.	<a href="http://www.ec.gc.ca/creditscompensatoires-offsets/default.asp?lang=En&amp;n=7CAD67C6-1">http://www.ec.gc.ca/creditscompensatoires-offsets/default.asp?lang=En&amp;n=7CAD67C6-1</a>
Approved Quantification Protocol for Energy Efficiency Projects	Alberta Environment September 2007, Version 1	Scope of Protocol includes industrial, commercial, and agricultural process changes and facility retrofits in energy use per unit of productivity.	<a href="http://www.environment.alberta.ca/documents/Energy_Efficient_Protocol_v1_Sept_07.pdf">http://www.environment.alberta.ca/documents/Energy_Efficient_Protocol_v1_Sept_07.pdf</a>
Draft Quantification Protocol for Commercial and Institutional Green Building Projects	Alberta Environment January 2008	Scope of Protocol includes implementation of new and retrofit buildings, for residential, commercial and institutional, in energy use per unit of productivity.	<a href="http://www.carbonoffsetsolutions.ca/pdf/may20review/Public%20Review%20Document%200GB%20CI%20Protocol%20May%205%202008.pdf">http://www.carbonoffsetsolutions.ca/pdf/may20review/Public%20Review%20Document%200GB%20CI%20Protocol%20May%205%202008.pdf</a>
Offset Credit Project Guidance Document	Alberta Environment February 2008	This Guide outlines the process and requirements for undertaking Offset Projects in Alberta.	<a href="http://environment.alberta.ca/1239.html">http://environment.alberta.ca/1239.html</a>
Offset Credit Verification Guidance Document	Alberta Environment September 2007	This Guide outlines the process and requirements for Verifiers to verify Alberta based Offset Projects.	<a href="http://environment.alberta.ca/1240.html">http://environment.alberta.ca/1240.html</a>