



# OFFICE OF THE CITY AUDITOR COLORADO SPRINGS, COLORADO

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## 17-16 Colorado Springs Utilities Energy Trading and Risk Management Application Audit

May 2017

### **Purpose**

The purpose of this audit was to assess the application controls utilized by Colorado Springs Utilities to ensure that the Energy Trading and Risk Management (ETRM) application is adequately protected and the information maintained in the application is reliable.

Application controls are classified as:

...those controls that pertain to the scope of individual business processes or application systems, including data edits, separation of business functions, balancing of processing totals, transaction logging, and error reporting.<sup>1</sup>

<sup>1</sup>Institute of Internal Auditors, Global Technology Audit Guide 8: Auditing Application Controls, 2007

### **Highlights**

The ETRM application is a system of record for Colorado Springs Utilities; however, as a system of control for Colorado Springs Utilities, the ETRM application is not critical. Based on our review, we concluded that the application controls associated with the ETRM application were mostly adequate for the needs of the organization. Even so, we noted five (5) observations and five (5) opportunities for improvement that were discussed with Colorado Springs Utilities' management.

We are not including details concerning any potential vulnerabilities (or strengths) related to the security of those Colorado Springs Utilities facilities/functions. Disclosure of this information to the public would be contrary to the public interest in improving or maintaining secure information technology systems for Colorado Springs Utilities. The details of this audit are not required to be released to the public per C.R.S. § 24-72-204(2)(a)(VIII)(A).

### **Management Response**

Management agrees and has taken steps to address the issues.

This audit was conducted in conformance with the International Standards for the Professional Practice of Internal Auditing, a part of the Professional Practices Framework promulgated by the Institute of Internal Auditors.