



Energy Solutions Software

Description and Purpose

The Crescent/Stonco Energy Solutions Software is designed to estimate the tax benefits a commercial or industrial building owner can realize by using Green Lighting Technology offered by Crescent/Stonco. With minimal input, the software will compare energy consumption of existing technology against proposed technology and determine payback based upon the energy savings. In new construction the program will determine payback against ASHRAE 90.1 2001, the energy standard used in EAct 2005. The software will help determine additional energy savings when controls are used. In addition, the Energy Solutions Software will calculate the positive impact Green Lighting Technology has on the environment by determining the reduction of CO₂ emissions per year. The software will produce a customized Executive Summary and also produce all of the documentation that the IRS requires to support the tax deduction.

The software is designed for use as a tool to help sell the benefits of Green Lighting Technology. The program is based upon the Department of Energy's ComCHECK program using the ASHRAE 90.1 2001 energy standard that the Federal Government has chosen as the basis for the tax savings offered under EAct 2005. In addition to pulling in all of the required ASHRAE information, the program also applies the required EAct 2005 standards and Federal tax rate to calculate the estimated tax savings.

The Crescent/Stonco Energy Software is available through our Energy website. The program is password protected and only available to our Energy Partners. We decided to keep the program live in a protected area so we can provide updates when needed. Our Energy Partners, by using their assigned username and password, can work in a protected area that only they have access to. In addition, files can be saved, deleted and revised as necessary.

The Crescent/Stonco Energy Solutions Software is extremely user friendly. Once the user has been assigned a password and user name, they can sign on and create their custom profile with logo that will print out on the Executive Summary page.

This software program is the only program available today that will allow the user to estimate the tax deduction allowed under EAct 2005; determine payback based upon energy savings and provide IRS supporting documentation within the confines of 1 program.

Since the output is only as good as the required input, we did create drop down menus that the user can select from when ever possible. Not only does this speed the process; it also helps minimize errors. However, the software does require the user to input job related information.