**Section 310.911 Energy Audit Analysis**

a) If a proposed Development is a rehabilitation project, the Authority may require that an energy audit be performed and the results be provided to the Authority showing heat loss-gain analysis of building without energy conservation measures; projected savings for proposed energy conservation measures; and life-cycle cost analysis of the proposed heating and cooling system and energy source showing they are the most cost-effective considering front-end capital investment and operating costs over their life time. This life-cycle analysis shall utilize: useful equipment life, operating and maintenance costs, inflation and fuel escalation factors.

b) A heat load analysis and cooling load analysis shall be performed and the results shall be provided to the Authority showing the savings and cost projections for the Development. Both the energy audit and analysis shall show that the selected heating system, cooling system and energy source are the most cost effective, from the point of view of front-end capital investment and operating cost over its lifetime.

(Source: Amended at 31 Ill. Reg. 4392, effective February 28, 2007)