

(II) THE EFFECT OF INSULATION INCORPORATED INTO THE DESIGN OF THE BUILDING;

(III) THE EFFECT ON THE USE OF SOLAR ENERGY OF THE PROPERTIES OF EXTERNAL SURFACES;

(IV) IF WIND OR SOLAR ENERGY IS USED, THE ORIENTATION AND INTEGRATION OF THE BUILDING WITH RESPECT TO ITS SITE; AND

(V) THE VARIABLE OCCUPANCY AND OPERATING CONDITIONS OF THE BUILDING AND ITS PARTS;

(2) AN ENERGY CONSUMPTION ANALYSIS OF EACH MAJOR PIECE OF EQUIPMENT IN ANY OF THE FOLLOWING SYSTEMS SERVING THE BUILDING:

(I) THE COOLING SYSTEM;

(II) THE HEATING SYSTEM;

(III) THE HOT WATER SYSTEM;

(IV) THE LIGHTING SYSTEM;

(V) THE VENTILATION SYSTEM; AND

(VI) ANY OTHER MAJOR ENERGY-USING SYSTEM; AND

(3) A COMPARISON OF POSSIBLE ALTERNATIVE ENERGY SYSTEMS:

(I) THAT WOULD USE THE MOST PLENTIFUL AND AVAILABLE ENERGY RESOURCES IN COMBINATIONS THAT WOULD RESULT IN MAXIMUM ENERGY EFFICIENCY, BOTH IN THE BUILDING AND AT THE SOURCE; AND

(II) WITH RESPECT TO THE PROJECTED ANNUAL ENERGY CONSUMPTION OF THE MAJOR ENERGY-USING EQUIPMENT OF EACH SYSTEM OVER THE LIFE OF THE BUILDING.

(B) DEFINITION OF "LIFE OF THE BUILDING".

TO EVALUATE LIFE-CYCLE COSTS, THE DEPARTMENT SHALL:

(1) ADOPT AND UNIFORMLY APPLY A DEFINITION OF THE "LIFE OF THE BUILDING"; AND

(2) PROVIDE DEFENDING CRITERIA FOR THE DEFINITION ADOPTED.

REVISOR'S NOTE: Subsection (a) of this section is new language derived without substantive change from former Art. 78A, § 25E(c).