ENERGY AND SUSTAINABILITY

1. General

   a. All “Qualifying Building Construction Projects” shall be required to address the goals of the University’s Green Build and Energy Policy 3.10.

   b. “A Qualifying Building Construction Project” shall be understood to mean new construction, improvement, renovation, enlargement, or other alterations to a building or structure, or part of a building or structure, which building is intended for permanent occupancy, and which project includes a major energy consuming systems, components, or equipment.

   c. Qualifying Building Construction Projects with budgets at or above the Board of Trustees’ Authorization threshold shall comply with the LEED provisions outlined in appendix X.

   d. Qualifying Building Construction Projects above $200,000 and under the Board of Trustees’ Authorization threshold shall:

      i. Achieve an energy efficiency that is 5% better than the then current Ohio Mechanical Code, ASHRAE standards.

         1. Should the cost differential between code compliant systems and the enhanced systems necessary to meet the energy efficiency provision herein exceed 15%, and a simple payback calculation illustrate that in excess of 10 years, the foregoing presents baseline grounds for exemption. An exemption or variance request related to this requirement shall be administered through the Building Design Standards Adjudication process.

      ii. Demonstrate Construction Material Recycling and Waste Management pursuant to section 01 40 00 of the BDS, Employ Enhanced Refrigerant Management and Utilize low-emitting materials per LEED defined requisites.

2. Policy 3.10 Energy Compliance Documentation

   a. Policy 3.10 compliance submittals shall be as described in Division 00, Part 2.

   b. The energy costs used in energy and life cycle cost analyses shall be obtained from OSU Energy Services and Sustainability (ESS).

   c. The A/E design team’s choice of energy sources for heating decision related to the “point of use energy source” to produce heat or other energy consuming systems is subject to the approval of the University Engineer. The A/E design team should review this choice early in the design phase with the University’s Project Manager and obtain the University Engineer’s approval (email is sufficient).