

Modifications to Attachment A:

New Q:

Cumulative energy consumption for the previous 12 months:

Electric (kWh) _____ or (Btu) _____ Petroleum (Gal) _____

Natural Gas (cu ft) _____ Other (Specify) _____

Modifications to Attachment B:

New Q1:

Does the proposed action employ green/sustainable practices (check all that apply)?

Integrated Design Principles

Optimizes Energy Performance (anticipated energy reduction)

Protects and Conserves Water (anticipated water reduction)

Enhances Indoor Environmental Quality

Reduces Environmental Impact of Materials

New Q2:

Cumulative energy consumption for the facility in the past 12 months:

Electric Electric (kWh) _____ or (Btu) _____ Petroleum (Gal) _____

Natural Gas (cu ft) _____ Other (Specify) _____

Anticipated Cumulative energy use for the 12 months following completion of the proposed construction/renovation project:

Electric (kWh) _____ or (Btu) _____ Petroleum (Gal) _____

Natural Gas (cu ft) _____ Other (Specify) _____

Explanations for Appendix

Employs Integrated Design Principles includes a collaborative, integrated planning and design process and commissioning. (https://www.wbdg.org/design/engage_process.php)

Optimizes Energy Performance includes energy efficiency (http://www.wbdg.org/references/mou_ee.php) (http://www.wbdg.org/design/dd_hvaceng.php) that takes into account intended use, occupancy, plug loads, on-site renewable energy, measurement/verification, benchmarking, and where available using Energy Star® (http://www.energystar.gov/index.cfm?fuseaction=find_a_product) and Department of Energy-designated energy efficient products (http://www1.eere.energy.gov/femp/technologies/eep_purchasingspecs.html).

Protects and Conserves Water includes potable and non-potable indoor water (http://www.wbdg.org/design/dd_plumbingeng.php), outdoor water in landscape, irrigation, and storm runoff (http://www.wbdg.org/design/dd_landscapearch.php), process water, and water-efficient products such as EPA WaterSense products (<http://www.epa.gov/watersense>).

Enhances Indoor Environmental Quality includes ventilation and thermal comfort, moisture control, daylighting, low-emitting materials, protection of indoor air quality during construction, and environmental tobacco smoke control (<http://www.wbdg.org/design/ieq.php>).

Reduces Environmental Impact of Materials includes recycled content (www.epa.gov/cpg), biobased content (www.usda.gov/biopreferred), environmentally preferable products (www.wbdg.org/design/greenspec.php), water and materials management, and elimination of ozone depleting compounds (<http://www.wbdg.org/design/greenspec.php>).

Cumulative Energy Use may be obtained from the facility utility bills or outreach to the utility provider. Depending on the locality, the bill may include only the current month or may include the total for the 12 months prior and post project completion. The anticipated energy consumption, post completion for new construction and renovation projects, should be available in the project plan. Use of the Portfolio Manager tool, a free application, is encouraged for the tracking of energy consumption data. (http://www.energystar.gov/index.cfm?c=evaluate_performance.bus_portfoliomanager)
