

Appendix A - EIP Project Categories

Category	Lifespan	Description
EMCS or HVAC Controls	10	Install centrally control energy systems with the ability to automatically adjust temperature, shed electrical loads, control motor speeds or adjust lighting intensities.
Steam & Condensate Systems	15	Install condensate lines, cross connect lines, distribution system loops, repair or install insulation, and repair or install steam flow meters and controls.
Boiler Plant Modifications	20	Upgrade or replace central boilers or ancillary equipment to improve overall plant efficiency. This includes fuel switching, dual fuel conversions, and decentralization.
HVAC	20	Install more energy efficient heating, cooling, ventilation, or hot water heating equipment. This includes the HVAC distribution system (air handlers, fan/coil units, ducts, pipes, etc.). Includes work related to central chillers, chilled water distribution, and cooling towers.
Building Envelope	20	Improve the thermal envelope of a building through building insulation, windows, weatherization, and reflective roof coatings.
Lighting Systems	15	Install replacement lighting systems and controls including fixtures, lamps, ballasts, photocells, and motion sensors. Includes day-lighting, internal emergency lighting, exterior building lighting, and parking lot and street lighting.
Energy Recovery Systems	20	Install heat exchangers, regenerators, heat reclaim units, or recapture energy lost to the environment.
Electrical Energy Systems	20	Increase the energy efficiency of an electrical device or system, or reduce cost by reducing peak demand. Includes thermal energy storage and distributed generation such as cogeneration systems, micro-turbines, and fuel cells.
Renewable Energy Systems	20	Install systems which utilize biomass, waste-to-energy, landfill gas, geothermal energy (includes ground source heat pumps), solar energy, ocean energy, hydropower, hydrokinetic, or wind energy.
Facility Energy Improvements	20	Multiple category projects or those that do not fall into any other category.
Advanced Metering Systems	NR	System that collects time-differentiated energy usage data from advanced meters via a network system on either an on-request or defined schedule basis. The system is capable of providing usage information on at least a daily basis and can support desired features and functionality related to energy use management, procurement, and operations.
Commissioning Measures	NR	Verify that building energy related systems are installed, calibrated, and operating to meet the original design intent and/or optimize the systems to satisfy current operational needs.
Water Conservation	20	Implementation of DOE Federal Water Efficiency Best Management Practices.