| 3UILDING NAME | LOCATION | | DATE OF ASSESSME |
|--|--|--|--|
| | | | |
| PREPARED BY | SQUA | RE FOOTAGE (specify gsf or u | usf): |
| | | ysi usi | |
| Mission Critical Mission Dependent Not Mis | ssion Dependent | | |
| COMMISSIONING/RECOMMISSIONING | • | | |
| Completed Date Not comp | pleted Not App | icable | |
| Yes No The Assessment Report should include a a prioritized list of deficiencies that can be addressed by n status summary indicating whether a major renovation or assessment team. | comprehensive list c ninor alterations or re replacement of the fa | f the building's strengths, weal pairs (considering payback ov cility (and estimated time fram | knesses and deficiencies; er the life cycle); and a e) is recommended by the |
| A. ENERGY PERFORMANCE | | | |
| Energy Efficiency | | | |
| Reduce Energy Usage Intensity (EUI) by 20% below 20 Manager (ESPM). | ting per the American ering Society of Nort 003 baseline, or recei | ve a score of 75 or higher in E | nergy Star Portfolio |
| Establish an energy usage baseline using histo data (2003 EUI) | oric | Reduction in EUI of > 10% | |
| OR | | Reduction in EUI of > 15% OR | |
| Establish an energy usage baseline using ASH IESNA 90.1-2007 OR | R <mark>AE</mark> / | Achieved a score of 69 or Labs21 Benchmarking Toc | higher in ESPM or equivalent I score for laboratory buildings. |
| Establish an energy usage baseline using ASH IESNA 90.1-2007 OR Evaluate using Energy Star Portfolio Manager | RAE/ | Achieved a score of 69 or Labs21 Benchmarking Toc Reduction in EUI of > 20% | higher in ESPM or equivalent I score for laboratory buildings. , |
| Establish an energy usage baseline using ASH IESNA 90.1-2007 OR Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo | RAE/ | Achieved a score of 69 or Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or | higher in ESPM or equivalent I score for laboratory buildings. , higher in ESPM or equivalent |
| Establish an energy usage baseline using ASH IESNA 90.1-2007 OR Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo Reduction in EUI of > 5% | RAE/ | Achieved a score of 69 or Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or Labs21 Benchmarking Toc | higher in ESPM or equivalent ol score for laboratory buildings. , higher in ESPM or equivalent ol score for laboratory buildings. |
| Establish an energy usage baseline using ASH IESNA 90.1-2007 <i>OR</i> Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo Reduction in EUI of > 5% | RAE/ ped Score | Achieved a score of 69 or Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or Labs21 Benchmarking Toc | higher in ESPM or equivalent I score for laboratory buildings. , higher in ESPM or equivalent I score for laboratory buildings. |
| Establish an energy usage baseline using ASH IESNA 90.1-2007 OR Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo Reduction in EUI of > 5% Measurement & Verification | Ped Score | Achieved a score of 69 or Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or Labs21 Benchmarking Toc | higher in ESPM or equivalent of score for laboratory buildings. , higher in ESPM or equivalent of score for laboratory buildings. |
| Establish an energy usage baseline using ASH IESNA 90.1-2007 OR Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo Reduction in EUI of > 5% Measurement & Verification Building level metering installed for electricity, a required by OPDIV energy plan advanced meter | RAE/ ped Score and where ering | Achieved a score of 69 or Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or Labs21 Benchmarking Toc All utility meter performanc used to evaluate Energy P | higher in ESPM or equivalent of score for laboratory buildings. , higher in ESPM or equivalent of score for laboratory buildings. |
| Establish an energy usage baseline using ASH IESNA 90.1-2007 OR Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo Reduction in EUI of > 5% Measurement & Verification Building level metering installed for electricity, a required by OPDIV energy plan advanced meter Electrical meter performance data collected, co and used to evaluate Energy Projects | RAE/ ped Score and where ering ompiled | Achieved a score of 69 or Labs21 Benchmarking Toc Reduction in EUI of > 20% OR Achieved a score of 75 or Labs21 Benchmarking Toc All utility meter performanc used to evaluate Energy P Data entered in Energy Sta Data entered in High Perfor | higher in ESPM or equivalent of score for laboratory buildings. , higher in ESPM or equivalent of score for laboratory buildings. eve data collected compiled and rojects performance. ar Portfolio Manager |
| Establish an energy usage baseline using ASH IESNA 90.1-2007 <i>OR</i> Evaluate using Energy Star Portfolio Manager An Energy Conservation Plan has been develo Reduction in EUI of > 5% Measurement & Verification Building level metering installed for electricity, a required by OPDIV energy plan advanced mete Electrical meter performance data collected, co and used to evaluate Energy Projects Building level metering installed for utilities defii 13423, EPAct 2005 and EISA 2007, and where by OPDIV energy plan advanced metering | RAE/ ped Score and where ering ompiled ned in EO required | Achieved a score of 69 or Labs21 Benchmarking Toc Reduction in EUI of > 20% <i>OR</i> Achieved a score of 75 or Labs21 Benchmarking Toc All utility meter performanc used to evaluate Energy P Data entered in Energy Sta Data entered in High Perfor | higher in ESPM or equivalent of score for laboratory buildings. |

| No renewable energy purchased (consumed) & no on site generation. Less than 3% of Renewable Energy (thermal, mechanical or electrical) is purchased for use in the facility. 3% or more of Renewable Energy (thermal, mechanical or electrical) is purchased for use in the facility Score ROTECT & CONSERVE WATER Indoor Water Effectiveness of indoor water conservation. The water baseline, for buildings with the Uniform Plumbing Codes 2006 or the International Plumbing Codes of 32006 for plumbing fixtures older than 1994 is 160% of the Uniform Plumbing Codes of 22 performance requirements. FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the indoor best management practices as developed by FEMP 1 Building level water meter installed or estimated annual water use baseline developed for the building. Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | 3% or more electricity consumed is from renewable sources and 1.5 % is from new sources (online after Jan 1, 1999) Implemented cost effective on site renewable energy generation projects. 3% or more electricity consumed is from renewable sources and 1.5 % is from new sources (online after Jan 1, 1999) and Implemented cost effective on site renewab energy generation projects. plumbing fixtures installed in 1994 or later, is 120% of fixture performance requirements. The water baseline 2006 or the International Plumbing Codes 2006 fixture Employs strategies that in aggregate use a minimum of 15% less potable water than the indoor water use baselir 20% less potable water than the indoor water use OR 20% reduction in measured potable water use compared |
|--|--|
| Less than 3% of Renewable Energy (thermal, mechanical or electrical) is purchased for use in the facility. 3% or more of Renewable Energy (thermal, mechanical or electrical) is purchased for use in the facility Score PROTECT & CONSERVE WATER Indoor Water Effectiveness of indoor water conservation. The water baseline, for buildings with the Uniform Plumbing Codes 2006 or the International Plumbing Codes of 32006 for plumbing fixtures older than 1994 is 160% of the Uniform Plumbing Codes of 2 performance requirements. FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the indoor best management practices as developed by FEMP ¹ Building level water meter installed or estimated annual water use baseline developed for the building. Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | Implemented cost effective on site renewable energy generation projects. 3% or more electricity consumed is from renewable sources and 1.5 % is from new sources (online after Jan 1, 1999) and Implemented cost effective on site renewab energy generation projects. plumbing fixtures installed in 1994 or later, is 120% of fixture performance requirements. The water baseline 2006 or the International Plumbing Codes 2006 fixture Employs strategies that in aggregate use a minimum of 15% less potable water than the indoor water use baselir 20% less potable water than the indoor water use OR 20% reduction in measured potable water use compared |
| 3% or more of Renewable Energy (thermal, mechanical or electrical) is purchased for use in the facility Score PROTECT & CONSERVE WATER Indoor Water Effectiveness of indoor water conservation. The water baseline, for buildings with the Uniform Plumbing Codes 2006 or the International Plumbing Codes of 32006 for plumbing fixtures older than 1994 is 160% of the Uniform Plumbing Codes of 2 berformance requirements. FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the indoor best management practices as developed by FEMP ¹ Building level water meter installed or estimated annual water use baseline developed for the building. Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | 3% or more electricity consumed is from renewable sources and 1.5 % is from new sources (online after Jan 1, 1999) and Implemented cost effective on site renewab energy generation projects. plumbing fixtures installed in 1994 or later, is 120% of fixture performance requirements. The water baseline 2006 or the International Plumbing Codes 2006 fixture Employs strategies that in aggregate use a minimum of 15% less potable water than the indoor water use baselir Employs strategies that in aggregate use a minimum of 20% less potable water than the indoor water use <i>OR</i> 20% reduction in measured potable water use <i>OR</i> |
| Score PROTECT & CONSERVE WATER ndoor Water Effectiveness of indoor water conservation. The water baseline, for buildings with he Uniform Plumbing Codes 2006 or the International Plumbing Codes of 32006 or plumbing fixtures older than 1994 is 160% of the Uniform Plumbing Codes of 2 berformance requirements. FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the indoor best management practices as developed by FEMP 1 Building level water meter installed or estimated annual water use baseline developed for the building. Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | plumbing fixtures installed in 1994 or later, is 120% of fixture performance requirements. The water baseline 2006 or the International Plumbing Codes 2006 fixture Employs strategies that in aggregate use a minimum of 15% less potable water than the indoor water use baselir Employs strategies that in aggregate use a minimum of 20% less potable water than the indoor water use OR |
| PROTECT & CONSERVE WATER indoor Water Effectiveness of indoor water conservation. The water baseline, for buildings with he Uniform Plumbing Codes 2006 or the International Plumbing Codes of 32006 or plumbing fixtures older than 1994 is 160% of the Uniform Plumbing Codes of 2 berformance requirements. FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the indoor best management practices as developed by FEMP 1 Building level water meter installed or estimated annual water use baseline developed for the building. Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | plumbing fixtures installed in 1994 or later, is 120% of fixture performance requirements. The water baseline 2006 or the International Plumbing Codes 2006 fixture Employs strategies that in aggregate use a minimum of 15% less potable water than the indoor water use baselin Employs strategies that in aggregate use a minimum of 20% less potable water than the indoor water use <i>OR</i> 20% reduction in measured potable water use compared |
| Indoor Water Effectiveness of indoor water conservation. The water baseline, for buildings with the Uniform Plumbing Codes 2006 or the International Plumbing Codes of 32006 for plumbing fixtures older than 1994 is 160% of the Uniform Plumbing Codes of 2 werformance requirements. FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the indoor best management practices as developed by FEMP ¹ Building level water meter installed or estimated annual water use baseline developed for the building. Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | plumbing fixtures installed in 1994 or later, is 120% of fixture performance requirements. The water baseline 2006 or the International Plumbing Codes 2006 fixture Employs strategies that in aggregate use a minimum of 15% less potable water than the indoor water use baselin Employs strategies that in aggregate use a minimum of 20% less potable water than the indoor water use <i>OR</i> |
| Effectiveness of indoor water conservation. The water baseline, for buildings with the Uniform Plumbing Codes 2006 or the International Plumbing Codes of 32006 or plumbing fixtures older than 1994 is 160% of the Uniform Plumbing Codes of 2 performance requirements. FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the indoor best management practices as developed by FEMP ¹ Building level water meter installed or estimated annual water use baseline developed for the building. Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | plumbing fixtures installed in 1994 or later, is 120% of fixture performance requirements. The water baseline 2006 or the International Plumbing Codes 2006 fixture Employs strategies that in aggregate use a minimum of 15% less potable water than the indoor water use baselin Employs strategies that in aggregate use a minimum of 20% less potable water than the indoor water use OR 20% reduction in measured potable water use compared |
| FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the indoor best management practices as developed by FEMP ¹ Building level water meter installed or estimated annual water use baseline developed for the building. Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | Employs strategies that in aggregate use a minimum of 15% less potable water than the indoor water use baselin Employs strategies that in aggregate use a minimum of 20% less potable water than the indoor water use <i>OR</i> 20% reduction in measured potable water use compared |
| developed by FEMP ¹ Building level water meter installed or estimated annual water use baseline developed for the building. Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | Employs strategies that in aggregate use a minimum of 20% less potable water than the indoor water use <i>OR</i> 20% reduction in measured notable water use compared |
| Employs strategies that in aggregate use a minimum of 10% less potable water than the indoor water use baseline | to building use in 2003 or a year thereafter with water |
| | quality data. |
| | |
| Score | |
| Dutdoor Water | |
| Effectiveness of outdoor water conservation | |
| FY2007 water use intensity (WUI) established along with a water management plan. Procedures in place for following the outdoor best management practices as developed by FEMP ¹ Uses water efficient landscape and irrigation strategies, including water reuse and recycling, to reduce outdoor potable water consumption by a minimum of 20% over that consumed by conventional means (plant species and plant densities) | Uses water efficient landscape and irrigation strategies, including water reuse and recycling, to reduce outdoor potable water consumption by a minimum of 40% over that consumed by conventional means (plant species and plant densities <i>OR</i> Reduces outdoor potable water consumption by a minimum of 40% compared to measured water use in 20 or a year thereafter with quality water data |
| OR Reduces outdoor potable water consumption by a minimum of 20% compared to measured water use in 2003 or a year thereafter with quality water data | Uses water efficient landscape and irrigation strategies, including water reuse and recycling, to reduce outdoor potable water consumption by a minimum of 50% over that consumed by conventional means (plant species and |
| Uses water efficient landscape and irrigation strategies, including water reuse and recycling, to reduce outdoor potable water consumption by a minimum of 30% over that consumed by conventional means (plant species and plant densities) <i>OR</i> Reduces outdoor potable water consumption by a minimum of 30% compared to measured water use in 2003 or a year thereafter with quality water data | plant densities), <i>OR</i> Reduces outdoor potable water consumption by a minimum of 50% compared to measured water use in 20 or a year thereafter with quality water data, <i>OR</i> No use of potable irrigation water |
| Score | |
| | |

Process Water

Effectiveness of Process water conservation, where applicable

Cost effective conservation measures are in place to reuse or reclaim water used in increasing energy efficiency, such as cooling towers, boilers, etc.

Score

Maintain/restore site hydrology (Bonus)

Where redevelopment affects site hydrology, maintain or restore the hydrology of the site with regard to temperature, rate, volume, and duration of flow using site planning, design, construction, and maintenance strategies. (EISA Section 438)

Score

Score

C. ENHANCE INDOOR ENVIRONMENTAL QUALITY

Thermal Comfort

Effectiveness of measures to enhance indoor environmental quality for thermal comfort

Building does not meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for human Occupancy. Complaints from occupants regarding thermal comfort levels are daily.

Building does not meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for human Occupancy. Complaints from occupants regarding thermal comfort levels are weekly.

Building does not meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for human Occupancy. Complaints from occupants regarding thermal comfort levels are monthly. Building does not meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for human Occupancy. Complaints from occupants regarding thermal comfort levels are rare.

Occupancy survey performed, or thermal comfort parameters have been measured, and meet current ASHRAE Standard 55-2004 Thermal Environmental Conditions for Human Occupancy.

Ventilation

Effectiveness of measures to enhance indoor environmental quality for ventilation

Building does not meet current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality. Verification of design ventilation rates (testing & balancing) not performed.

Building does not meet current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality. Verification of design ventilation rates (testing & balancing) not performed. O&M procedures in place for checking air supply and exhaust systems.

Building does not meet current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality. Verification of design ventilation rates (testing & balancing) not performed. O&M procedures in place for checking air supply and exhaust systems. Occupant complaints are rare. Building does not meet current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality. Verification of design ventilation rates (testing & balancing) performed within the last 5 years. O&M procedures in place for checking air supply and exhaust systems. Occupant complaints are rare.

Verification of design ventilation rates performed through recommissioning or retrocommissioning, and meets current ASHRAE Standard 62.1-2007 Ventilation for Acceptable Indoor Air Quality established ranges per climate zone.

Score

| Recurring moisture and or condensation problems in various areas in the building. Some evidence of mold in the building. No policy in place for monitoring moisture occurrences. No strategy in place for controlling moisture flows and condensation. Recurring moisture and or condensation problems in various areas in the building. No evidence of mold in the building. No policy in place for monitoring moisture occurrences. No strategy in place for controlling moisture flows and condensation. | Established and implemented moisture control strategy for controlling moisture flows and condensation to prevent building damage and mold contamination. All necessary repairs have been completed to remove prior contamination. |
|--|--|
| Recurring moisture and or condensation problems in various areas in the building. No evidence of mold in the building. No policy in place for monitoring moisture occurrences. No strategy in place for controlling moisture flows and condensation. | |
| Scoro | |
| 5006 | |
| aylighting or Lighting Controls | |
| iectiveness of measures implemented to control lighting or daylighting. | |
| No measures have been implemented. Accessible lighting controls (e.g., accessible manual lighting controls, glare control and automatic dimming controls) are provided for 10% of regularly occupied building space, <i>OR</i> | Accessible lighting controls (e.g., accessible manual lighting controls, glare control and automatic dimming controls) are provided for 40% of regularly occupied building space, <i>OR</i> 40% of spaces have a minimum daylight factor of 2%. |
| 10% of spaces have a minimum daylight factor of 2%. Accessible lighting controls (e.g., accessible manual lighting controls, glare control and automatic dimming controls) are provided for 30% of regularly occupied building space, <i>OR</i> 30% of spaces have a minimum daylight factor of 2%. | Accessible lighting controls (e.g., accessible manual lighting controls, glare control and automatic dimming controls) are provided for 50% of regularly occupied building space and occupancy sensors and/or light sensors for appropriate spaces such as bathrooms, conference rooms, etc. <i>OR</i> 50% of spaces occupied for critical visual tasks have a minimum daylight factor of 2% |
| Score | |
| w Emitting Materials | |
| fectiveness of measures implemented for the procurement of low emitting cluding adhesives, sealants, paints, carpet systems, furnishings, cleaning | materials for maintenance, cleaning and pest managemen products, and pest management products. |
| No procurement policy in place regarding the use of low emitting materials for maintenance, cleaning or pest management | Procurement policy in place and implemented for use of low emitting materials for maintenance, cleaning, or pest management, but not all. |
| Procurement policy in place for use of low emitting materials for maintenance, cleaning, or pest management, but not all. Procurement policy in place regarding use of low emitting materials for maintenance, cleaning, and | Procurement policy in place and implemented for use of low emitting materials for maintenance, cleaning, and per management. Prohibit smoking within building and within 25 feet of all building entrances, operable windows and building ventilation intakes. |
| pest management. | |
| Score | |
| | |
| | |

D. ENVIRONMENTAL IMPACT OF MATERIALS

Recycled Content

| No EPA designated materials used in the building meet recycled content recommendations. | More than half of the EPA designated materials meet or exceed recycled content recommendations. |
|---|--|
| Less than half of the EPA designated materials meet or exceed recycled content recommendations. | All EPA designated materials meet or exceed recycled content recommendations, or no EPA designated material |
| Half of the EPA designated materials meet or exceed recycled content recommendations. | are used in the building. |
| Score | |
| or materials used in operation and maintenance of the building and furnisl ontent is such that the sum of post-consumer recycled content plus one-ha based on cost) of the total value of the materials used in the building. | hings that are not EPA designated materials, the recycled alf of the pre-consumer content constitutes at least 10% |
| No non-designated materials used in the building have recycled content. | Recycled content of non-designated materials used is 5-10% based on total values of materials used in |
| Recycled content of non-designated materials used is less than 5% based on total values of materials used in the building. | the building. Recycled content of non-designated materials meets or exceeds 10% based on total values of materials used in |
| Recycled content of non-designated materials used is about 5% based on total values of materials used in the building. | the building. |
| Score | |
| ioBased Content | |
| or USDA-designated materials used in operation and maintenance of the ceeding USDA's biobased content recommendations. | building and new furnishings, use products meeting or |
| No USDA-designated materials meet biobased content recommendations. | Designated materials have biobased content greater than 50% of recommended amount. |
| Designated materials have some biobased content but less than 50% of recommended amount. | All USDA-designated materials used in the building meet or exceed biobased content recommendations, or no |
| Biobased content of designated materials is 50% of recommended amount. | designated materials will be used in the building |
| Score | |
| or other materials used in operation and maintenance of the building and newable resources and certified sustainable wood products. | new furnishings, use biobased products made from rapidly |
| No biobased products made from rapidly renewable resources or certified sustainable wood products are used. | More than 50% of the non-designated biobased products used in the building are made from rapidly renewable resources or certified sustainable wood. |
| Some non-designated biobased products made from rapidly renewable resources or certified sustainable wood products are used but renewable or certified products will be less than 50%. | For non-designated materials used in the building, all biobased products are made from rapidly renewable resources and certified sustainable wood products, or no materials used in the building can be made from |
| About 50% of the non-designated biobased products used are made from rapidly renewable resources or certified sustainable wood. | biobased products. |
| | |

| Construction Waste | |
|--|--|
| Identify local recycling and salvage operations that process construction wa and renovations and discarded furnishings. Recycle or salvage at least 50 p excluding soil, from building operation and maintenance; minor repairs and site recycling opportunities exist. | ste from building operation and maintenance, minor repairs percent of construction, demolition and land clearing waste, renovations; and discarded furnishings where markets or on- |
| No attempt to identify local recycling and salvage operations that process building related waste have been identified, or building records contain no documentation of attempts to identify such operations or demonstration of non-availability. Opportunities exist yet no wastes are recycled or salvaged. Local recycling and salvage operations have been identified that can process some of the building related waste but less than 50% of the total amount.Less than 25 % of the wastes for which markets or on-site recycling opportunities exist are recycled or salvaged. | Local recycling and salvage operations have been identified that can process 50% of the total amount of the building related waste. 25 % of the wastes for which markets or on-site recycling opportunities exist are recycled or salvaged. Local recycling and salvage operations have been identified that can process more than 50% of the total amount of the building related waste. 26-49 % of the wastes for which markets or on-site recycling opportunities exist are recycled or salvaged. Local recycling and salvage operations have been identified that can process building related wastes. At least 50 % of the wastes for which markets or on-site recycling opportunities exist are recycled or salvaged. |
| Score | |
| Ozone Depleting Compounds | |
| Eliminate the use of ozone depleting compounds in the building where alter consistent with either the Montreal Protocol and Title VI of the Clean Air Act benefits that take into account life cycle impacts. | native environmentally preferable products are available, Amendments of 1990, or equivalent overall air quality |
| No ozone depleting compounds (ODC) used in the building have been eliminated or replaced with alternatives, where alternative environmentally preferable products are available for these compounds. There is no inventory of ODC containing equipment in building. Less than 50% of the ozone depleting compounds used in the building have been eliminated or replaced with alternatives where environmentally preferable products are available for these compounds. An inventory of ODC containing equipment has not been completed. | About 50% of the ozone depleting compounds used in the building have been eliminated or replaced with alternatives where environmentally preferable products are available for these compounds. An inventory of ODC containing equipment has not been completed. More than 50% of the ozone depleting compounds used in the building have been eliminated or replaced with alternatives where environmentally preferable products are available for these compounds. An inventory of ODC containing equipment has been completed. All use of ozone depleting compounds in the building have been eliminated or replaced with alternatives where alternative environmentally preferable products are available. |
| Score | |
| E. ECONOMICS Cost Current and avoidable potential costs associated with ownership and use of | f buildings |
| Cost to incorporate the Guiding Principles is greater than 11% of Present Replacement Value (PRV) | Cost to incorporate the Guiding Principles is 1% to 3% of PRV |
| Cost to incorporate the Guiding Principles is 7% to 11% of PRV | Cost to incorporate the Guiding Principles is 0.5% to 1% of PRV |
| Cost to incorporate the Guiding Principles is 3% to 7% of PRV | Cost to incorporate the Guiding Principles is less than 0.5% of PRV |
| Score | |
| | (continued on next page) |

| Payback | | | |
|--|--|--|--|
| Potential payback for improvements over the remaining life cycle or lease | e | | |
| Payback period is greater than the remaining useful life of the building, or 10 years based on Life Cycle Cost (LCC) of the improvements | Payback period is 3 to 5 yrs based on LCC of the improvements | | |
| Payback period is 7 to 10 yrs based on LCC of the improvements | Payback period is 1 to 3 yrs based on LCC of the improvements | | |
| Payback period is 5 to 7 yrs based on LCC of the improvements | 50 Payback period is less than 1 yr based on LCC of the improvements | | |
| Score | | | |
| . CONFORMANCE WITH LOCAL ENVIRONMENTAL REQUIREN | MENTS | | |
| Environmental Regulations | | | |
| Facility/Building is in compliance with all applicable federal, state and loc tanks system, air emissions such as boilers and emergency generators, Sanitary Discharge permits) | cal environmental regulations (e.g., compliance with fuel storage illicit discharges to storm and/or sanitary sewer, NPDES and | | |
| Facility/building management has NOT established procedures for an environmental compliance program through the facility/organization's EMS as required by Executive Order 13423 | Facility/building management met criteria in Column B AND has conducted evaluations of compliance with applicable legal and other requirements. The facility/organization has not completed the evaluations for all of the facility/ organization, or has not initiated corrective actions | | |
| Facility/building management has established an environmental compliance program through the facility/ organization's EMS that includes | Facility/building management criteria in Column B and C AND has completed evaluations of compliance with | | |
| (a) procedures to identify and account for applicable legal and other requirements, (b) protocols to periodically evaluate compliance with | facility/building, Corrective actions have been initiated or have been scheduled (as appropriate considering technica | | |
| (c) a system for implementing corrective action | 50 Facility/Building is in full compliance with all applicable federal, state and local environmental regulations | | |
| Score | | | |
| Environmental Management System (EMS) | | | |
| Executive Order (EO) 13148 required all Federal Agencies to determine | 'appropriate' facilities for implementing EMS. | | |
| EO 13423 requires that EMSs serve as the primary mechanism for achie | eving compliance with all aspects of the order. | | |
| Facility/building management has not established requirements/procedures to address applicable sustainable practices as required by Executive Order 13423 through the facility/organization's EMS. Facility/building management has established requirements/procedures to address applicable sustainable practices as required by Executive Order 13423 through the facility/organization's EMS, including procedures for setting objectives and target as appropriate, monitoring, training, and management review, but has not implemented the requirements/procedures | Facility/building management has met all the criteria in Column B, AND has incorporated at least one of the applicable sustainable practices through the EMS, AND the facility/organization has established an implementation schedule to complete incorporation of the remainder of the applicable sustainable practices through the EMS. 50 Facility/building management has met all the criteria in Column B and C AND Facility/organization has verified conformance and performance through monitoring and management review <i>OR</i> Facility/Building in not included in the HHS 'appropriate facility list and is not required to have an EMS | | |
| Score | | | |

¹ www1.eere.energy.gov/femp/water_fedrequire.html

² 1992 Energy Policy Act fixture performance requirements: showerheads: 2.5 gallons per minute at 80 psi; urinals: 1 gallon per flush; faucets: 2.2 gallons per minute at 60 psi; toilets: 1.6 gallons per flush

| GUIDING PRINCIPLES | | |
|---|-------------------|--------------------|
| | Building Conditio | n Scoring Criteria |
| Building Attribute | Achieved Score | Maximum Score |
| A. Energy Performance | 1 | |
| Energy Efficiency | | 80 |
| Measurement & Verification | | 40 |
| B. Protect & Conserve Water | | |
| Indoor Water | | 40 |
| Outdoor Water | | 40 |
| Process Water | | 20 |
| C. Enhance Indoor Environmental Quality | | |
| Thermal Comfort | | 20 |
| Ventilation | | 20 |
| Moisture Control | | 20 |
| Daylighting or Lighting Controls | | 20 |
| Low Emitting Materials | | 20 |
| D. Environmental Impact of Materials | | |
| Recycled Content | | 30 |
| BioBased Content | | 20 |
| Construction Waste | | 20 |
| Ozone Depleting Compounds | | 30 |
| GUIDING PRINCIPLES SCORE | | 420 |
| NON-GUDING PRINCIPLES | | |
| | Building Conditio | n Scoring Criteria |
| Building Attribute | Achieved Score | Maximum Score |
| Economics | | |
| Cost | | 50 |
| Payback | | 50 |
| Conformance with local Environmental Requirements | | |
| Environmental Regulations | | 50 |
| Environmental Management Systems (EMS) | | 50 |
| Bonus Categories | | |
| Renewable Energy | | 30 |
| Maintain/Restore Hydrology | | 20 |
| TOTAL NON-GUIDING PRINCIPLES AND BONUS SCORE | | 250 |
| TOTAL SCORE | | 670 |