

Lead By Example - State Facilities

Approved Bond Funded Projects as of December 19, 2017

| ID | Agency | Building Address | Project Name | Estimate or Actual Annual Energy Reduction (BTU) | Estimated or Actual Annual Energy Cost Reduction | Estimated or Actual Project Cost | Simple Payback (yrs.) | Project Status |
|----------|--------|--|--|--|--|----------------------------------|-----------------------|----------------|
| 30 | DAS | 18/20 Trinity Street | Replace VFDs and Pumps - Tie into BMS | 20,989,950 | \$4,880.71 | \$16,243.00 | 3.33 | Complete |
| 31 | DAS | 30 Trinity Street | VFD Installation and Tie into BMS | 19,112,800 | \$2,729.92 | \$24,468.00 | 8.96 | Complete |
| 32 & 111 | DDS | 67-87 Mountain Rd Newington CT 06111 | Installation of EMS | (29,077,512) | \$7,403.63 | \$134,834.00 | 18.21 | Complete |
| 33 | DDS | 146 Silvermine Road Norwalk, Ct 06850 | Installation of EMS | (975,547,636) | (\$43,983.76) | \$86,184.00 | (1.96) | Complete |
| 34 | MHA | 1635 Central Avenue, Bridgeport, CT 06610 | Control System/Gas Condensing Boilers/Condensers | 846,814,424 | \$115,495.00 | \$1,198,737.00 | 10.38 | In Process |
| 37 | DOC | 285 Shaker Road, Enfield, CT 06082 | Robinson HVAC Rooftop Replacement | 447,744,644 | \$136,687.00 | \$401,214.20 | 2.94 | Complete |
| 28 & 38 | DAS | 505 Hudson Street, Hartford CT | High Efficiency Gas Fired Boilers | (392,526,540) | \$61,071.20 | \$137,100.00 | 2.24 | Complete |
| 39 | DDS | 195 Alvord Rd Torrington CT 06850 | Installation of EMS | (953,768,956) | (\$10,996.26) | \$67,485.00 | (6.14) | Complete |
| 42 | DOC | 391 Shaker Road, Enfield | HVAC Rooftop Unit Replacement | (67,120,058) | \$16,752.00 | \$150,690.00 | 9.00 | Complete |
| 43 | DAS | 79 Elm Street, Hartford, CT 06106 | VAVs/FTUs/VFDs | 1,371,206,880 | \$123,426.63 | \$349,750.00 | 2.83 | Complete |
| 44 | OPM | 615 Silver Lane East Hartford, CT 06118 | Aggregated Efficiency Measures Project | 3,888,814,704 | \$254,628.22 | \$280,702.10 | 1.10 | Complete |
| 50 | DDS | 1450 S Britain Rd Southbury CT | Lighting at Power House | 1,798,132,224 | \$210,237.88 | \$13,811.18 | 0.07 | Complete |
| 77 | DAS | 401 West Thames Street, Norwich, CT | Uncas Domestic Hot Water Boiler | 492,114,829 | \$2,645.17 | \$12,850.00 | 4.86 | Complete |
| 79 | DAS | 401 West Thames Street, Norwich, CT | Uncas Control Valves | 685,270,665 | \$6,701.49 | \$16,780.00 | 2.50 | Complete |
| 80 | DAS | 401 West Thames Street, Norwich, CT | Uncas TVCCA Windows | 139,170,954 | \$9,854.61 | \$98,978.40 | 10.04 | Complete |
| 81 | JUD | 1 Courthouse Square, Norwich, CT 06360 | LED Lighting Retrofit | 106,485,600 | \$19,119.28 | \$15,595.00 | 0.82 | Complete |
| 1 | ECSU | High Street, Willimantic, CT 06226 | ECSU - Allerton Building Automation System | 2,043,324,595 | \$78,819.19 | \$709,818.00 | 9.01 | Complete |

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| 19 | AES | 123 Huntington Street, New Haven, CT 06511 | Windows | 829,468,238 | \$31,921.00 | \$209,574.00 | 6.57 | Complete |
| 21 | AES | 123 Huntington Street, New Haven, CT 06511 | Dual Fuel Burners | (78,851,964) | \$1,043.44 | \$46,900.00 | 44.95 | Complete |
| 24 | AES | 153 Cook Hill Road, Windsor, CT 06095 | Lighting & Occupancy sensors | 2,354,970 | \$469.59 | \$9,123.12 | 19.43 | Complete |
| 25 | AES | 123 Huntington Street, New Haven, CT 06511 | Windows | 581,872,376 | \$23,988.00 | \$210,426.00 | 8.77 | Complete |
| 26 | DAS | 24-38 Wolcott Hill Road, Wethersfield, CT 06109 | EMS, RA Conversion, Central Plant Fixture Replace | 6,292,267,021 | \$152,988.00 | \$915,453.00 | 5.98 | In Process |
| 27 | DAS | 110 Sherman Street, Hartford CT | Digital Electronic Control System | (74,048,448) | \$3,387.22 | \$308,522.00 | 91.08 | Complete |
| 85 | DAS | 165 Capitol Avenue, Hartford | SOB - Occupancy Sensors, Basement, Ground, First | 323,955,395 | \$14,241.34 | \$57,427.46 | 4.03 | Complete |
| 87 | MHA | 500 Vine Street, Hartford | Hot Water DDC Controls | 187,175,746 | \$26,040.00 | \$131,732.00 | 5.06 | Complete |
| 91 | DMV | 173 Salem Turnpike, Norwich, CT | Lighting upgrade | 4,959,089 | \$3,744.80 | \$12,316.81 | 3.29 | Complete |
| 92 | CRDA | 100 Columbus Boulevard, Hartford | Convention Center Retro-Commissioning Upgrade | 2,720,297,520 | \$83,569.74 | \$406,701.00 | 4.87 | Complete |
| 94 | DOT | Various locations located through out the State of Connecticut | Energy Efficiency Improvent at DOT Commuter Parkin | 855,150,526 | \$32,172.00 | \$345,000.00 | 10.72 | Complete |
| 96 | JUD | 1 Court Street, Middletown, CT 06457 | Middletown Courthouse Garage Lighting Retrofit | 524,508,475 | \$52,326.21 | \$55,630.80 | 1.06 | Complete |
| 103 | BOR | 55 Paul Manafort Drive, New Britain CT 06053 | Charter Oak -Occ. Sensor Install and HVAC Upgrades | 22,389,280 | (\$2,158.98) | \$25,309.00 | (11.72) | Complete |
| 104 | Deep | 141 Trout Hatchery Road, Central Village, (Plainfield) CT 06332 | Quinebaug Valley Trout Hatchery Phase I | 6,450,435,782 | \$55,879.61 | \$304,780.00 | 5.45 | In Process |

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| 105 | JUD | 172 Golden Hill Street, Bridgeport | GA 2 Lighting Retrofit | (32,764,800) | \$11,606.16 | \$216,600.00 | 18.66 | Complete |
| 109 | JUD | 1061 Main Street, Bridgeport | Fairfield JD Lighting Retrofit | 438,229,200 | \$46,910.30 | \$253,631.00 | 5.41 | Complete |
| 113 | DCS | 1000 Silver Street | DCS Juvenile Training School Fuel cell Study | | | \$21,000.00 | 0.00 | Complete |
| 119 | MHA | 1000 Holmes Drive, Middletown, CT 06457 | RVS - Dutton Home Attic Insulation | 1,410,502,818 | \$14,214.85 | \$16,500.00 | 1.16 | Complete |
| 122 | JUD | 400 Grand Street, Waterbury, CT 06702 | Waterbury Courthouse Garage Lighting Retrofit | 1,991,311,437 | \$126,179.39 | \$59,972.45 | 0.48 | Complete |
| 123 | JUD | 231 Capitol Avenue, hartford, CT 06106 | Supreme Court/State Library Lighting Retrofit | (481,936,078) | \$34,140.02 | \$53,147.80 | 1.56 | Complete |
| 126 | MHA | 162 Cedar Lane, Middletown, CT 06357 | CVH - Water Treatment Plant - Pump Upgrades | 107,219,395 | \$5,409.54 | \$71,073.70 | 13.14 | Complete |
| 127 | DMV | 150 Torrington Road, Winsted, CT 06098 | Lighting and Occupancy Sensors | 4,959,089 | \$2,757.00 | \$30,606.99 | 11.10 | Complete |
| 128 | AES | 123 Huntington Street, New Haven, CT 06511 | CAES - Exterior Lighting Upgrades | 341,214,000 | \$6,400.00 | \$19,875.08 | 3.11 | Complete |
| 130 | DEEP | 422 Watertown Road, Thomaston, CT 06787 | Thomaston Garage - Lighting and HVAC Upgrade | (47,077,279) | \$1,314.39 | \$32,097.00 | 24.42 | Complete |
| 146 | DAS | 50 & 55 Farmington Avenue, Hartford | Mechanical Renovations 55 Farmington Ave | 2,258,645,584 | \$212,072.24 | \$662,817.40 | 3.13 | Complete |
| 147 | DAS | 50 & 55 farmington Avenue | DAS 55 Farmington Ave-Light/Cool | 263,323,872 | \$6,482.57 | \$520,532.00 | 80.30 | Complete |
| 180 | DOC | 177 Weston Street, Hartford, CT 06120 | Hartford CC Roof Top Unit Replacement | 484,646,277 | \$26,209.00 | \$338,509.00 | 12.92 | Complete |
| 158 | DDS | 67-87 Mountain Rd Newington CT 06111 | DDS HRC Mechanical Sytems Energy Upgrades | 2,036,333,677 | \$51,276.00 | \$369,132.00 | 7.20 | In Process |
| 175 | JUD | 20 Franklin square, New Britain, CT 06051 | New Britain Retro-Commissioning | 1,114,976,460 | \$75,558.02 | \$97,382.00 | 1.29 | Complete |
| 177 | SDE | 600 Orange Ave Milford CT 06460 | Platt Tech Shop Lighting and Weather -stripping | 394,344,846 | \$42,801.44 | \$74,481.50 | 1.74 | Complete |

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| 178 | DOC | 285 Shaker Road, Enfield, CT 06082 | 2015 Lighting Upgrade - Library and Gym Areas | 1,304,796,726 | \$124,898.47 | \$28,480.37 | 0.23 | Complete |
| 155 | CRDA | 100 Columbus Blvd., Hartford, CT 06103 | LED Lighting | 1,975,717,440 | \$202,419.60 | \$1,805,825.90 | 8.92 | Complete |
| 160 | JUD | 95 Washington Street, Hartford, CT 06106 | Retro Commission Program | 1,883,712,744 | \$39,082.00 | \$134,618.00 | 3.44 | In Process |
| 163 | DOC | 59 Hartford Road, Brooklyn, CT 06234 | Chiller Replacement | 710,177,040 | \$31,566.17 | \$171,800.00 | 5.44 | Complete |
| 167 | DOC | 986 Norwich-New London Turnpike, Uncasville, CT 06382 | Chiller Replacement | 244,302,540 | \$142,702.22 | \$95,300.00 | 0.67 | Complete |
| 168 | DEEP | 141 Trout Hatchery Road, Central Village, (Plainfield) CT 06332 | Quinebaug Trout Hatchery Phase II | 6,450,435,782 | \$232,790.00 | \$2,512,479.00 | 10.79 | In Process |
| 169 | SDE | 600 Orange Avenue, Milford | Platt Tech Lighting | 184,302,000 | \$16,109.37 | \$97,960.89 | 6.08 | Complete |
| 179 | MHA | 51 Coventry Street, Hartford | Boiler Replacement & Heating System Upgrades | (214,433,334) | \$5,583.08 | \$96,790.00 | 10.30 | Complete |
| 181 | DOC | 177 Weston Street, Hartford, CT 06120 | Boiler Room Pump Replacment | 303,591,744 | \$13,348.00 | \$44,117.94 | 3.30 | Complete |
| 182 | JUD | 111 Phoenix Ave, Enfield | Roof and HVAC Upgrades | 1,748,578,285 | \$66,763.37 | \$760,000.00 | 11.40 | In Process |
| 183 | DOC | 285 Shaker Road, Enfield, CT 06082 | Laundry Consolidation and Upgrades | 5,326,087,991 | \$119,826.00 | \$302,326.00 | 2.20 | Complete |
| 186 | DOT | 2800 Berlin Turnpike, Newington | Headquarters Building Lighting Improvement | 5,770,958,523 | \$265,141.56 | \$1,332,083.00 | 5.00 | In Process |
| 187 | DOC | 285 Shaker Road, Enfield, CT 06082 | Rooftop Unit Replacement | 3,143,676,757 | \$142,785.00 | \$294,252.67 | 9.20 | Complete |
| 188 | DOC | 900 Highland Ave, Cheshire | A&B Dining Areas Roof Top Unit Replacment | 817,157,525 | \$62,201.00 | \$59,832.91 | 9.00 | Complete |
| 189 | DDS | 67-87 Mountain Rd Newington CT 06111 | RTU AC and Window Replacement HRC | 346,731,430 | \$17,274.91 | \$164,963.00 | 11.60 | Complete |
| 190 | DOC | 986 Norwich-New London Turnpike, Uncasville, CT 06382 | Radgowski Kitchen Hood Controls | 1,868,370,522 | \$21,137.00 | \$23,367.00 | 3.20 | Complete |

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| 195 | DOC | 201 West Main Street, Niantic, CT 06357 | Laundry Ozone System | (875,868,092) | \$204,551.00 | \$38,090.00 | 1.40 | Complete |
| 199 | DOC | 285 Shaker Road, Enfield, CT 06082 | 2016 Exterior Lighting Upgrade | 798,372,517 | \$39,177.00 | \$171,996.00 | 4.30 | Complete |
| 200 | DOC | Osborn, 335 Bilton Rd, Somers, CT 06071 Enfield, 289 Shaker Rd, Enfield, CT 06082 | Osborn/Enfield Correctional Steam Trap Replacement | 8,444,880,699 | \$59,825.00 | \$53,739.00 | 0.90 | Complete |

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|--------|----------------|----------------|-----------------|----------------------|
| Totals | 78,598,552,910 | \$3,945,595.55 | \$17,779,514.67 | Avg. Payback 8.65 |
|--------|----------------|----------------|-----------------|----------------------|