

Lead By Example - State Facilities

Approved Bond Funded Projects as of April 2021

ID	Agency	Building Address	Project Name	Estimate or Actual Annual Energy Reduction (mmBTU)	Estimated or Actual Annual Energy Cost Reduction	Estimated or Actual Project Cost + Design	Simple Payback (yrs.)	Project Status
30	DAS	18/20 Trinity Street	Replace VFDs and Pumps - Tie into BMS	20.99	\$4,880.71	\$16,243.00	3.33	Complete
31	DAS	30 Trinity Street	VFD Installation and Tie into BMS	19.11	\$2,729.92	\$24,468.00	8.96	Complete
32 & 111	DDS	67-87 Mountain Rd Newington CT 06111	Installation of EMS	-29.08	\$7,403.63	\$134,834.00	18.21	Complete
33	DDS	146 Silvermine Road Norwalk, Ct 06850	Installation of EMS	-975.55	(\$43,983.76)	\$86,184.00	(1.96)	Complete
34	MHA	1635 Central Avenue, Bridgeport, CT 06610	Control System/Gas Condensing Boilers/Condensers	846.81	\$115,495.00	\$1,717,119.00	14.87	In Process
37	DOC	285 Shaker Road, Enfield, CT 06082	Robinson HVAC Rooftop Replacement	447.74	\$136,687.00	\$401,214.20	2.94	Complete
28 & 38	DAS	505 Hudson Street, Hartford CT	High Efficiency Gas Fired Boilers	-392.53	\$61,071.20	\$161,158.45	2.64	Complete
39	DDS	195 Alvord Rd Torrington CT 06850	Installation of EMS	-953.77	(\$10,996.26)	\$67,485.00	(6.14)	Complete
42	DOC	391 Shaker Road, Enfield	HVAC Rooftop Unit Replacement	-67.12	\$16,752.00	\$150,690.00	9.00	Complete
43	DAS	79 Elm Street, Hartford, CT 06106	VAVs/FTUs/VFDs	1371.21	\$123,426.63	\$349,750.00	2.83	Complete
44	OPM	615 Silver Lane East Hartford, CT 06118	Aggregated Efficiency Measures Project	3888.81	\$254,628.22	\$280,702.10	1.10	Complete
50	DDS	1450 S Britain Rd Southbury CT	Lighting at Power House	1798.13	\$210,237.88	\$13,811.18	0.07	Complete
77	DAS	401 West Thames Street, Norwich, CT	Uncas Domestic Hot Water Boiler	492.11	\$2,645.17	\$12,850.00	4.86	Complete
79	DAS	401 West Thames Street, Norwich, CT	Uncas Control Valves	685.27	\$6,701.49	\$16,780.00	2.50	Complete
80	DAS	401 West Thames Street, Norwich, CT	Uncas TVCCA Windows	139.17	\$9,854.61	\$98,978.40	10.04	Complete
81	JUD	1 Courthouse Square, Norwich, CT 06360	LED Lighting Retrofit	106.49	\$19,119.28	\$15,595.00	0.82	Complete
1	ECSU	High Street, Willimantic, CT 06226	ECSU - Allerton Building Automation System	2043.32	\$78,819.19	\$709,818.00	9.01	Complete

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19	AES	123 Huntington Street, New Haven, CT 06511	Windows	829.47	\$31,921.00	\$209,574.00	6.57	Complete
21	AES	123 Huntington Street, New Haven, CT 06511	Dual Fuel Burners	-78.85	\$1,043.44	\$46,900.00	44.95	Complete
24	AES	153 Cook Hill Road, Windsor, CT 06095	Lighting & Occupancy sensors	2.35	\$469.59	\$9,123.12	19.43	Complete
25	AES	123 Huntington Street, New Haven, CT 06511	Windows	581.87	\$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	6292.27	\$152,988.00	\$915,453.00	5.98	In Process
27	DAS	110 Sherman Street, Hartford CT	Digital Electronic Control System	-74.05	\$3,387.22	\$308,522.00	91.08	Complete
85	DAS	165 Capitol Avenue, Hartford	SOB - Occupancy Sensors, Basement, Ground, First	323.96	\$14,241.34	\$57,427.46	4.03	Complete
87	MHA	500 Vine Street, Hartford	Hot Water DDC Controls	187.18	\$26,040.00	\$131,732.00	5.06	Complete
91	DMV	173 Salem Turnpike, Norwich, CT	Lighting upgrade	4.96	\$3,744.80	\$12,316.81	3.29	Complete
92	CRDA	100 Columbus Boulevard, Hartford	Convention Center Retro-Commissioning Upgrade	2720.30	\$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	855.15	\$32,172.00	\$344,713.73	10.71	Complete
96	JUD	1 Court Street, Middletown, CT 06457	Middletown Courthouse Garage Lighting Retrofit	524.51	\$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	22.39	(\$2,158.98)	\$25,309.00	(11.72)	Complete

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104	Deep	141 Trout Hatchery Road, Central Village, (Plainfield) CT 06332	Quinebaug Valley Trout Hatchery Phase I	6450.44	\$55,879.61	\$185,338.16	3.32	Complete
105	JUD	172 Golden Hill Street, Bridgeport	GA 2 Lighting Retrofit	-32.76	\$11,606.16	\$216,600.00	18.66	Complete
109	JUD	1061 Main Street, Bridgeport	Fairfield JD Lighting Retrofit	438.23	\$46,910.30	\$253,631.00	5.41	Complete
113	DCS	1000 Silver Street	DCS Juvenile Training School Fuel cell Study	0.00		\$21,000.00	0.00	Complete
119	MHA	1000 Holmes Drive, Middletown, CT 06457	RVS - Dutton Home Attic Insulation	1410.50	\$14,214.85	\$16,500.00	1.16	Complete
122	JUD	400 Grand Street, Waterbury, CT 06702	Waterbury Courthouse Garage Lighting Retrofit	1991.31	\$126,179.39	\$59,972.45	0.48	Complete
123	JUD	231 Capitol Avenue, hartford, CT 06106	Supreme Court/State Library Lighting Retrofit	-481.94	\$34,140.02	\$53,147.80	1.56	Complete
126	MHA	162 Cedar Lane, Middletown, CT 06357	CVH - Water Treatment Plant - Pump Upgrades	107.22	\$5,409.54	\$71,073.70	13.14	Complete
127	DMV	150 Torrington Road, Winsted, CT 06098	Lighting and Occupancy Sensors	4.96	\$2,757.00	\$30,606.99	11.10	Complete
128	AES	123 Huntington Street, New Haven, CT 06511	CAES - Exterior Lighting Upgrades	341.21	\$6,400.00	\$19,875.08	3.11	Complete
130	DEEP	422 Watertown Road, Thomaston, CT 06787	Thomaston Garage - Lighting and HVAC Upgrade	-47.08	\$1,314.39	\$32,097.00	24.42	Complete
146	DAS	50 & 55 Farmington Avenue, Hartford	Mechanical Renovations 55 Farmington Ave	2258.65	\$212,072.24	\$609,550.00	2.87	Complete
147	DAS	50 & 55 farmington Avenue	DAS 55 Farmington Ave- Light/Cool	263.32	\$6,482.57	\$520,532.00	80.30	Complete
158	DDS	67-87 Mountain Rd Newington CT 06111	DDS HRC Mechanical Sytems Energy Upgrades	2036.33	\$51,276.00	\$369,132.00	7.20	In Process
175	JUD	20 Franklin square, New Britain, CT 06051	New Britain Retro-Commissioning	1114.98	\$75,558.02	\$97,382.00	1.29	Complete
177	SDE	600 Orange Ave Milford CT 06460	Platt Tech Shop Lighting and Weather -stripping	394.34	\$42,801.44	\$73,990.00	1.73	Complete

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178	DOC	285 Shaker Road, Enfield, CT 06082	2015 Lighting Upgrade - Library and Gym Areas	1304.80	\$124,898.47	\$25,084.02	0.20	Complete
155	CRDA	100 Columbus Blvd., Hartford, CT 06103	LED Lighting	1975.72	\$202,419.60	\$1,805,825.90	8.92	Complete
160	JUD	95 Washington Street, Hartford, CT 06106	Retro Commission Program	1883.71	\$39,082.00	\$134,618.00	3.44	In Process
163	DOC	59 Hartford Road, Brooklyn, CT 06234	Chiller Replacement	710.18	\$31,566.17	\$171,800.00	5.44	Complete
167	DOC	986 Norwich-New London Turnpike, Uncasville, CT 06382	Chiller Replacement	244.30	\$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	6450.44	\$232,790.00	\$4,054,861.00	17.42	In Process
169	SDE	600 Orange Avenue, Milford	Platt Tech Lighting	184.30	\$16,109.37	\$97,960.89	6.08	Complete
179	MHA	51 Coventry Street, Hartford	Boiler Replacement & Heating System Upgrades	-214.43	\$5,583.08	\$96,790.00	10.30	Complete
180	DOC	177 Weston Street, Hartford, CT 06120	RTU Replacement	484.65	\$26,209.00	\$334,259.00	12.00	Complete
182	JUD	111 Phoenix Ave, Enfield	Roof and HVAC Upgrades	1748.58	\$66,763.37	\$760,000.00	11.40	In Process
183	DOC	285 Shaker Road, Enfield, CT 06082	Laundry Consolidation and Upgrades	5326.09	\$119,826.00	\$287,638.15	2.20	Complete
186	DOT	2800 Berlin Turnpike, Newington	Headquarters Building Lighting Improvement	5770.96	\$265,141.56	\$1,017,500.00	5.00	Complete
187	DOC	285 Shaker Road, Enfield, CT 06082	Rooftop Unit Replacement	3143.68	\$142,785.00	\$275,381.09	9.20	Complete
188	DOC	900 Highland Ave, Cheshire	A&B Dining Areas Roof Top Unit Replacment	817.16	\$62,201.00	\$59,832.91	9.00	Complete
189	DDS	67-87 Mountain Rd Newington CT 06111	RTU AC and Window Replacement HRC	346.73	\$17,274.91	\$164,963.00	11.60	Complete
190	DOC	986 Norwich-New London Turnpike, Uncasville, CT 06382	Radgowski Kitchen Hood Controls	1868.37	\$21,137.00	\$22,117.00	3.20	Complete

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195	DOC	201 West Main Street, Niantic, CT 06357	Laundry Ozone System	-875.87	\$204,551.00	\$38,090.00	1.40	Complete
199	DOC	285 Shaker Road, Enfield, CT 06082	2016 Exterior Lighting Upgrade	752.28	\$32,081.00	\$171,996.00	5.36	Complete
200	DOC	Osborn, 335 Bilton Rd, Somers, CT 06071 Enfield, 289 Shaker Rd, Enfield, CT 06082	Osborn/Enfield Correctional Steam Trap Replacement	10288.32	\$215,262.00	\$53,739.00	0.25	Complete
201	AES	123 Huntington Street, New Haven, CT 06511	Renovation and Improvements of Jenkins-Waggoner Gr	397.65	\$8,400.00	\$150,000.00	17.00	In Process
202	DAS	11 Shuttle Road, Farmington, CT	LED Lighting Upgrade	518.79	\$25,391.20	\$151,298.56	5.95	Complete
203	DAS	79 Elm Street, Hartford, CT 06106	LED Lighting Upgrade	2421.90	\$120,238.34	\$982,576.86	8.17	Complete
204	DAS	286 Sheldon Street, Hartford, CT	LED Lighting Upgrade	182.69	\$9,326.94	\$76,436.06	8.19	Complete
205	DAS	410, 450, 460, 470 Capitol Ave, Hartford, CT	Automated Building Controls & Hot Water Boiler Ins	17055.24	\$933,590.18	\$468,188.00	0.50	Complete
207	DOT	Various locations located through out the State of Connecticut	Highmast Lighting Retrofit	1165.92	\$58,089.00	\$215,904.00	6.28	In Process
er ESPC Project								
	DOC	Osborn CI	Lighting Upgrades	3,074	\$149,811	\$619,365	12.4	Complete
	DOC	Northern CI	Lighting Upgrades	2,227	\$90,075	\$328,448	9.7	In Process
	DOC	MacDougall-Walker CI	Lighting - SUM OF MacD-Wal	8,398	\$339,655	\$1,210,978	10	Complete
	DOC	Northern CI	Cooling Plant Upgrades	403	\$14,418	\$1,598,996	94.5	In Process
	DOC	Osborn/Northern CP	Central Heating Plant Upgrad	4,424	\$30,250	\$6,106,104	180.9	In Process
	DOC	M/W - Central Plant	Cooling Plant Upgrades	4,226	\$148,884	\$5,462,500	36.3	In Process
	DOC	Osborn CI	Energy Management System	3,049	\$31,657	\$450,000	13.4	In Process
	DOC	Northern CI	Energy Management System	2,004	\$31,372	\$613,543	17.4	In Process

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Form	DOC	MacDougall-Walker CI	Energy Management System	1,033	\$27,843	\$6,123,988	24.9	In Process
	DOC	Osborn CI	Water Conservation	108,782	\$220,694	\$4,774,700	20.9	In Process
	DOC	MacDougall CI	Water Conservation	61,083	\$393,278	\$2,436,628	6.1	In Process
	DOC	Walker CI	Water Conservation	23,246	\$221,175	\$1,493,417	6.7	In Process
	DOC	Osborn CI	Pipe & Valve Installation	117,240	\$8,474	\$19,477	2.3	In Process
	DOC	Northern CI	Pipe & Valve Installation	13,945	\$939	\$10,907	11.6	In Process
	DOC	Walker CI	Pipe & Valve Installation	13,447	\$943	\$9,500	10.1	In Process
	DOC	Osborn CI	Rooftop Unit Replacement	35	\$1,028	\$415,033	403.7	In Process
	DOC	MacDougall-Walker CI	CHP at Central Plant	26,146	\$551,238	\$4,167,573	7.6	In Process
Former ESPC Project	MHA	CVH Campus	Interior Lighting	3863	\$209,951	\$32,988,830	15	In Process
	MHA	CVH Campus	Exterior Lighting	821	\$34,314			In Process
	MHA	CVH Campus	Lighting Controls	502	\$21,004			Complete
	MHA	CVH Campus	Steam Distribution System U	47681	\$282,652			In Process
	MHA	CVH Campus	EMS Upgrades/RCx	13619	\$125,884			In Process
	MHA	CVH Campus	New Chillers	1168	\$48,819			Complete
	MHA	CVH Campus	New Windows	15358	\$104,513			In Process
	MHA	CVH Campus	New Transformers	42	\$1,747			Complete
	MHA	CVH Campus	Pipe/Mechanical Insulation	8691	\$51,585			Complete
	MHA	CVH Campus	Steam Trap Replacement	11115	\$65,888			Complete
	MHA	CVH Campus	Fuel Switching	-11	\$29,267			Complete
	MHA	CVH Campus	Electric Vehicle Solar Carport	0	\$0			Complete
	MHA	CVH Campus	Power Plant Boilers	8848	\$55,918			In Process
	DMV	Wethersfield HQ	Lighting Upgrade	1,024	TBD	TBD	TBD	In Process

Totals	606,293.50	\$8,528,900.21	\$90,164,083.87	Avg. Payback 16.92
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