

N. STATE AGENCIES / INSTITUTIONS OF HIGHER EDUCATION: ENERGY PERFORMANCE CONTRACT STATUS REPORT

Listed on the following pages is the reported status of all state agency and institutions of higher education's energy performance contracts as of June 30th, 2024.

Energy Performance Contracts (EPC) can be used as an alternative funding source for state agencies and institutions of higher education to repair and improve facilities while increasing the overall energy and water efficiency of their physical assets. The contract guarantees annual utility usage savings by incorporating energy conservation measures (E.C.M.) or facility improvement measures (F.I.M.) such as new equipment into existing state owned facilities with sustainable operational practices. The reductions in utility usage is monetized and becomes the avoided utility cost that are the source of funds necessary to allow the financing of the project to replace, modify, or upgrade the agency's equipment. The contracts include equipment upgrades to lighting, heating, ventilating and air conditioning, plumbing systems and the installation of modern energy management control systems. EPC's can also support an agency's goals of renewable energy and their sustainable goals.

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Agency	E.C.M. or F.I.M.	Project Status	E.P.C. Contract Size (\$)	1st Year Annual Utility Savings	Identified Value of C.M. Needs
Dept. of Agriculture, Administration & the State Fair	Lights, Mechanical Equipment, Water Efficiency.	EPC signed January 2011, Project Accepted.	\$1,836,564	\$146,570	\$905,675
Department of Corrections	CTCF – DDC controls, Lights, Boiler, Steam System, Water Conservation	EPC signed December 2010, Project Accepted.	\$6,652,380	\$381,684	\$2,327,940
	BVCC – District Heating Plant, DDC Controls, Lights, Pumps.	EPC signed January 2011, Project Accepted.	\$6,546,186	\$576,001	\$1,516,626
	SCF – Chiller Replacement, DDC Controls, Lights, Pumps.	EPC signed January 2012, Project Accepted.	\$6,012,340	\$428,848	\$1,500,000
	AVCF – LCF; DDC Controls, HVAC upgrades, Chillers, Lights (interior and exterior), and Plumbing.	EPC signed December 2013, Project Accepted.	\$10,870,772	\$1,237,150	\$1,800,000
Dept. of Education, CO School for the Deaf & Blind	Steam Plant, Lighting, Controls	EPC signed October 2009, Project Accepted.	\$1,747,431	\$115,709	\$600,000
Dept. of Education, Talking Book Library	Lighting, HVAC, Controls	EPC signed August 2010, Project Accepted.	\$219,909	\$16,401	\$218,409
Department of Human Services	CMHIFL: Lighting, HVAC, Water Conservation.	EPC signed May 2005, Project Accepted.	\$728,021	\$84,317	See Below
	Trinidad SVNH: Contract amended, Phase 2: Lighting, Boilers	EPC signed July 2005, Project Accepted.	\$707,562	\$72,197	N/A
	Florence SVNH: Baseboard heating system, Air-Conditioning improvements	EPC signed August 2005, Project Accepted.	\$2,688,603	\$345,069	N/A

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Department of Human Services (continued)	Homelake SVNH: Lighting, Central Plant HVAC Upgrades, Water Conservation, Irrigation Automation.	EPC signed October 2006, Project Accepted.	\$810,702	\$78,197	N/A
	Walsenburg SVNH: Lighting, HVAC and Controls, Water Conservation	EPC signed April 2007, Project Accepted.	\$1,126,127	\$187,145	N/A
	Rifle and Fitzsimons: Lighting, HVAC and Controls, Water Conservation, Irrigation	EPC signed November 2011, Project Accepted.	\$3,345,116	\$134,305	N/A
	Developmentally Disabled Facilities; GJRC and WRRRC and Group Homes: Lighting, HVAC and Controls, Water Conservation, Solar Shading	EPC signed October 2006, Project Accepted.	\$1,114,682	\$121,007	See Below
	Division of Youth Corrections: Locations: Lighting, HVAC and Controls, Boiler Plant Decentralization, Water Conservation, Ditch Water Utilization for Irrigation	EPC signed July 2008, Project Accepted.	\$9,922,214	\$893,359	See Below
	CMHIP: Chiller Plant, Coal Plant Modifications, Lighting, HVAC and Controls, Water Conservation	EPC signed September 2011, Project Accepted.	\$8,931,275	\$1,079,174	See Below
	Scope of work in final development	IGA signed July 2023. EPC contract in final negotiation / financing, July 2024.			
Total Value of Identified CM needs as of June 2024 funded by the multiple phases of EPC work at DHS					\$7,866,156
Dept. of Labor & Employment (CDLE)	Lighting, Water, HVAC Controls, Flat Plate Chiller, New Chiller, New Boilers, LEED-EB	Financed and managed as part of the DPA Energy Performance Contract listed under DPA below. Project included the CDLE building at East 12th Ave, Denver.			
Dept. of Military & Veterans Affairs	Lighting and HVAC Controls (2 Buildings only)	EPC signed May 1996, Project Accepted.	\$166,718	\$26,222	N/A

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Department of Natural Resources	April 2009, The Division of Parks signed the Energy Audit. Division internally funded energy efficiency projects based upon the energy audit. Signed an IGA contract, summer of 2024				
Dept. of Personnel & Administration	Phase 1: Lighting, Water, HVAC Controls, Chiller System, Heating Plant, Insulation, VFDs, Energy Resource Conservation Program	EPC signed December 2003, Project Accepted.	\$8,771,349	\$631,009	\$2,271,000
Division of Capital Assets	Phase 2: New Chiller, New Boilers, HVAC Replacement, Lighting Controls, LEED-EB in three downtown buildings, Photovoltaic system	Amendment signed February 2005, Project Accepted.	\$4,316,461	\$294,376	\$2,005,330
(Includes 1881 Pierce, State Capitol, CDLE, and the demolished Judicial/Heritage Buildings)	Phase 3: LEED-EB, Ground Source Geo-exchange (Executive Mansion), Lighting Controls, HVAC, Plumbing, PV systems	Amendment signed May 2008, Project Accepted.	\$9,257,026	\$733,856	\$0
	Phase 4: Geo Exchange for Capitol grounds. Lights, Mechanical System	Amendment signed 2011, Project Accepted.	\$6,191,716	\$100,554	\$4,000,000
Dept. of Personnel & Administration	Phase 1: Conversion of Lights to LED Lamps	EPC signed October 2019, Measurement and Verification Started.	\$2,332,666	\$196,568	\$0
Division of Capital Assets	Phase 2: Steam conversion to Natural Gas, HVAC, RetroCx, Solar, and Irrigation Controls.	EPC signed August 2022, In Construction.	\$4,508,586	\$253,399	\$0
	Phase 3: Predominantly Solar with a few other ECMs.	EPC contract in final negotiation / financing, July 2024.			
Dept. of Public Health & Environment	Recommissioning, lighting, boiler controls, waterless urinals, vending misers, PV systems, and a Xeriscape project. CDPHE will continue to initiate energy conservation work with controlled maintenance, capital construction, internal funds, and Federal funds.				

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Department of Revenue	Pierce Street Building: Lights, Boilers, Flat Plate Chiller, Controls, PV system	Financed and managed as part of the DPA Energy Performance Contract described under DPA above.			
Department of Transportation	Lights, Heating Equipment, Building Envelope, Water Efficiency.	EPC signed January 2012, Project Accepted.	\$9,520,211	\$682,395	N/A
Office of Information Technology	Limited potential because of type and location of buildings. Most buildings are small and remote with limited lighting, heating or ventilation equipment. The energy usage is primarily for communication equipment.				
History Colorado	2023, Selected an ESCO, in negotiation for the IGA contract.				
Adams State University	Lighting, Heating Plant.	1996 EPC, Completed in May 1997, Project Accepted.	\$1,354,255	\$246,594	\$278,000
	Lights, Metering	2010 EPC, Phase 1 signed February 2010, Project Accepted.	\$1,214,188	\$95,639	\$0
	Mechanical Equipment, Water Efficiency	Phase 2 Amendment 2011, Project Accepted.	\$1,531,622	\$120,106	\$0
	2023, Selected an ESCO, in negotiation for the IGA contract.				
Arapahoe Community College	ACC will continue to pursue opportunities to initiate energy conservation work with CM, CC projects, and internal agency funds.				
Auraria Higher Education Center (AHEC)	Lighting, Water Conservation, Sub Metering, HVAC Equipment, Expand DDC, Variable Speed Pumping, Chillers, Boiler Plant, Pool Cover, Steam System	EPC signed September 1996. Completed in May 1997, Project Accepted.	\$2,135,119	\$284,370	\$1,569,300

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AHEC (continued)		EPC contract in final negotiation / financing, July 2024.			
Colorado Community Colleges @ Lowry	Lights, Heating systems, Cooling systems, Controls	EPC signed June 2009, Project Accepted.	\$1,545,758	\$162,188	\$509,393
Colorado Mesa University	Lighting, Energy Management System, HVAC, Commissioning.	EPC signed May 2008, Project Accepted.	\$2,111,278	\$201,458	\$1,464,780
Colorado Northwestern Community College	Lights, Heating, Boiler replacement, Cooling Systems, Utility Management System. New Ground Source Heat Pump for the new Craig Campus.	As part of the larger Rangely community group, EPC signed September 2008, Rangely and Craig Campuses, Project Accepted.	\$6,493,084	\$108,585	\$0
Colorado School of Mines	Lights, Water, Irrigation, Heat Recovery.	EPC signed April 2011, Project Accepted.	\$2,744,000	\$286,339	\$0
	New Chiller Plant, HVAC Controls, LED Lamps Upgrade, Solar PV	EPC signed February 2018, Project Accepted.	\$4,798,500	\$321,572	\$0
	Solar Amendment	Amendment signed December 2021, In Construction.	\$4,732,92	\$147,083	\$0
Colorado State University	Lighting, Heating Plant, HVAC Controls, Water Efficiency, Chillers, Resource Conservation Program, and a new GeoExchange Power Plant (2020). School has an Energy Management Program that funds many small energy conservation projects on many campus facilities. The school has reduced its energy usage while the campus was constructing new facilities or renovating existing facilities.				
Colorado State University, Pueblo	1st Project. Lighting, HVAC Controls, Steam Traps, Irrigation Controls	1997 EPC, Completed July 1997, Project Accepted.	\$1,055,005	\$167,019	\$565,251
	2nd Project. Boiler Plant Decentralization, Chillers, Lighting, Kitchen Retrofit.	2004 EPC, Project Accepted.	\$6,051,607	\$427,585	\$3,900,000

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	3rd Project, Boilers, Lights, Controls, HVAC, Water	EPC signed June 2016, Measurement and Verification Started.	\$12,500,000	\$653,000	\$1,226,850
	3rd Project, Amendment #1 & 2: PV System, Demand Side Management	Amendments signed September 2019, Measurement and Verification Started.	\$0 cost Amendment, PPA for Solar PV	\$903,241 (from PPA contract)	\$0
Community College of Aurora	Lights, Water, DDC Controls, Cooling upgrades.	EPC signed September 2013, Project Accepted.	\$2,367,073	\$270,433	\$0
Fort Lewis College	Boiler Replacement, Lighting Retrofit, Water efficiency, and HVAC Controls.	EPC signed March 2012, Project Accepted.	\$9,400,000	\$330,448	\$125,820
Front Range Community College	Lighting Retrofits, Water Efficiency, HVAC Upgrades.	EPC signed, November 2012, Project Accepted.	\$1,048,549	\$69,593	\$0
Lamar Community College	Lights, Controls, Boiler, HVAC.	EPC signed June 2011, Project Accepted.	\$3,113,305	\$156,327	\$0
Morgan Community College	Lights, Controls. Many energy projects completed with internal funds and the utility line item budget				
Northeastern Junior College	Lights, Controls, Boilers, Utility Management System, Commissioning.	EPC signed May 2009, Project Accepted.	\$2,466,631	\$213,328	\$0
Otero College	OC will continue to pursue opportunities to initiate energy conservation work with CM, CC projects, and internal agency funds.				
Pikes Peak State College	PPSC will continue to pursue opportunities to initiate energy conservation work with CM, CC projects, and internal agency funds.				
Pueblo Community College	Lights, HVAC, Controls, Envelope, Irrigation	EPC signed November 2020, In Close-out.	\$5,771,063	\$391,429	\$0

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Red Rocks Community College	Boilers, Chiller, HVAC, Lighting, Water	EPC signed September 2005, Project Accepted.	\$1,317,560	\$89,408	\$745,000
Trinidad State College	Lights, Boilers, Controls, Vending Machine Controls, Utility Management Software.	EPC signed May 2009, Project Accepted.	\$1,136,299	\$60,005	N/A
University of Colorado, Boulder	Housing Department implement projects with an EPC - Lighting, Water, Controls, Boilers	Housing Department, signed September 2004, Project Accepted.	\$6,000,599	\$775,457	N/A
	Water, LED lights, Insulation Controls, Recommission	Coors Event Center, EPC signed March 2015, Project Accepted.	\$2,429,101	\$111,082	N/A
	Water, LED lights, Insulation, Controls, Central Plant Upgrades	MacAllister Building, EPC signed September 2014, Project Accepted.	\$10,936,867	\$575,590	N/A
	Boiler Replacement, Hot Water, RTU Replacement, Controls, LED lights.	Wilderness Place, EPC signed August 2015; Project Accepted. New IGA signed June 2022. EPC contract in final negotiation / internal financing, July 2024.	\$6,648,459	\$383,795	N/A
University of Colorado, Colorado Springs	IGA signed February 2022, Initial ECMs: Chiller, Boilers. Windows, HVAC, Irrigation, Solar PV.				
University of Colorado, Denver	Improving their facilities with their own internal funds.				
University of Northern Colorado	1st Project, Phase 1: Lighting, Water, Utility Rate Modification, Resource Conservation Program	EPC signed May 2003, Construction Completed April 2004, Project Accepted.	\$1,495,446	\$322,294	Both Phases \$2,061,968

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	1st Project, Phase 2: Heating Plant upgrades, DDC Controls, HVAC, and Evaporative Cooling.	EPC signed February 2004, Construction Completed, Project Accepted.	\$3,172,209	\$313,691	
	2nd Project, Chiller, HVAC, Water, DDC, Lighting Improvements	EPC signed January 2016, Project Accepted.	\$8,727,727	\$533,979	\$3,988,068
Western Colorado University	Lighting, Heating Plant, HVAC Controls.	EPC signed December 1996, Project Accepted.	\$3,334,399	\$484,117	\$477,078
	Lighting, Controls, HVAC, Window, Retro-Commissioning, Water	EPC signed June 2010, Project Accepted.	\$1,418,908	\$151,438	\$0
TOTALS			\$222,643,228	\$18,172,705	\$41,922,644

Total Number of EPC Projects (or Discrete Phase)	65
In Start-Up, Initial Negotiation for IGA Contract	8
In Design/Construction	2
In Measurement and Verification	4
Completed (Agency Responsible for Savings)	51