

CAAP Sector	Solution	Steps	Description	Amount	Relevant/Owning Departments	CAAP Team
Energy	Deploy a "virtual power plant" to manage peak demand.	FY25: RFP for virtual power plant design.	The RFP submissions should detail the program design of the VPP, the types of distributed energy resources (DER) that could be integrated into the VPP, possible providers of aggregation software to manage the DERs, and potential cost savings for the utility and ratepayers.	\$70,000	Utilities	Clean Energy
		FY26: Funding for Water and Light customers to purchase distributed energy resources; Funding for aggregation software.	These funds will be <u>recouped</u> by the utility through on-bill financing of the DERs. Ratepayers will be charged a monthly on-bill payment for their DER(s) that is equal to or less than the cost savings from having that DER and participating in demand management.	\$500,000	Utilities	Clean Energy
		FY27: Funding for Water and Light customers to purchase distributed energy resources.	Additional appropriations may be needed for DERs IF the demand for DERs exceeds the amount of funds that have been repaid to the account.	\$250,000	Utilities	Clean Energy
Energy	Establish 5 – 10 resilience hubs that can also participate in the VPP.	FY26: Retrofit select municipal buildings with distributed energy resources to be used as a resilience hub during a climate event.	The resilience hubs should be selected based on their accessibility to the community and readiness for retrofits. Connect the DERs installed at the resilience hubs to the VPP to manage the energy usage of the resilience hubs to assist in demand flexibility efforts.	\$10,000	Public Works	Clean Energy
Housing, Building and Development	Build 'model' houses using different levels of IBC Codes.		One house built to current codes and ~2 houses built to the incoming codes although using different technology/methods. The design, build and energy/maintenance tracking would be used to develop a "training" platform to educate Designers, Builders, Real Estate and Financial personnel. As well as establish a baseline for the cost differential between code versions.	\$750,000	Housing and Neighborhood Services	Healthy Housing
Housing, Building and Development	Refurbish existing structures to improve/reduce energy consumption.		Similar concept of monitoring aspects of the projects so as to use as a training platform. Ideally structures would be similar so comparisons could be made against each other.		Housing and Neighborhood Services	Healthy Housing

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Natural Resources	Support CoMo Wild Yards program at 200% 2022 levels				Sustainability	Good Stewards
Natural Resources	Create regional prioritization for honeysuckle removal that builds on existing success (e.g. Kiwanis Park) and fund seasonal city staff for removal at 200% 2022 levels.				Parks & Recreation	Good Stewards
Natural Resources	Workshop a proposal to streamline the City's approach to the management of trees and forest among city departments.				Community Development	Good Stewards
Natural Resources	Add 50% FTE city staff capacity for permitting and plan review.				Community Development	Good Stewards
Natural Resources	Increase in-lieu-of-planting fees and create a transparently managed and dedicated "tree fund" specific to planting, maintenance, and replacement of trees affected managed by new position.				Community Development	Good Stewards
Natural Resources	Allocate \$90,000 to strategic planting to revegetate stream buffers not included in 2007 buffer ordinance	Use NRI and stormwater data to designate opportunity areas for flood risk reduction			Sustainability/Parks & Rec	Good Stewards
Cross-Cutting Strategies and Actions	Add staff capacity to resilience initiatives (Show Me The Heat) 2 FTE.				Sustainability	Good Stewards
Cross-Cutting Strategies and Actions	Funding for more marketing information, PSAs, on KOMU8 etc.				Sustainability	All