

Energy Challenge Fund Requests

Project Description	Department	Facility	ECF Request	Grants	Total Costs	Annual Project Savings	Simple Payback (ECF Costs)	Energy Audit (Y/N)	Recommended?	Reason
Distributed Generation	DPW-Facilities	ZMB	\$ 54,000	\$ -	\$ 64,000	\$ 49,200	1.1	N	Y	Short payback and low risk
Garage Lighting Retrofit: Sodium ->CFL	DPW-Parking	4th & Highland Garage	\$ 62,750	\$ 16,333	\$ 79,083	\$ 27,316	2.3	Y	Y	Short payback; Parking is enterprise fund but supports General Fund
Garage Lighting Retrofit: Sodium ->CFL	DPW-Parking	MacArthur Square	\$ 91,339	\$ 18,226	\$ 109,565	\$ 36,085	2.5	Y	Y	Short payback; Parking is enterprise fund but supports General Fund
Garage Lighting Retrofit: Sodium ->CFL	DPW-Parking	2nd & Plankton	\$ 48,830	\$ 7,430	\$ 56,260	\$ 15,893	3.1	Y	Y	Short payback; Parking is enterprise fund but supports General Fund
Replace AHU & add VFDs	Library	Center Street	\$ 13,300	\$ 1,200	\$ 14,500	\$ 4,000	3.3	N	Y	Short payback
Fire House Solar Hot Water	MFD/OES	10 Firehouses	\$ 40,000	\$ 83,300	\$ 123,300	\$ 2,710	14.8	N	Y	Long payback but strong leverage of other funds and part of plan to develop local solar industry
30kW Solar	DPW-Facilities	Central Repair Garage (CRG)	\$ 150,000	\$ 150,000	\$ 300,000	\$ 6,805	22.0	N	N	Long payback
Lighting- T12->T5	DPW-Facilities	809 Bldg, 2nd Fl	\$ 104,240	\$ 3,200	\$ 107,440	\$ 6,781	15.4	Y	N	Long payback
Lighting- T12->T5	DPW-Facilities	809 Bldg, 4th Fl	\$ 111,180	\$ 4,000	\$ 115,180	\$ 6,899	16.1	Y	N	Long payback
Motion Sensors	DPW-Facilities	City Hall and CRG	\$ 45,000	\$ 2,000	\$ 47,000	\$ 6,350	7.1	Y	N	This is equipment and not eligible for capital funding
Energy Audits	DPW-Facilities	DPW Field HQ; Tow lot	\$ 8,500	\$ -	\$ 6,500	\$ -	-	-	N	Comptroller's Office will not allow audits to be funded with capital
Refrigerator Replacement (99)	DPW-Facilities	City Hall Complex	\$ 25,000	\$ 5,000	\$ 30,000	\$ 21,650	1.2	N	N	This is equipment and not eligible for capital funding
LEED Certification	DPW-Facilities	City Hall Complex	\$ 57,000	\$ -	\$ -	\$ -	-	-	N	No payback
Fire House Solar Hot Water	DPW-Facilities	6 Firehouses	\$ 134,982	\$ 57,338	\$ 192,320	\$ 917	147.2	N	N	No effective payback
Garage Lighting Retrofit: Sodium ->CFL	DPW-Parking	1000 N. Water	\$ 180,245	\$ 18,255	\$ 198,500	\$ 47,198	3.8	Y	N	Strong payback but future of facility uncertain
Computer Upgrades	HACM	Various	\$ 50,000	\$ -	\$ 50,000	\$ 4,224	11.8	N	N	ECF reserved for city facilities proper
Cabinet Heater Replacement (electric -> steam)	Library	Central Library	\$ 19,625	\$ -	\$ 19,625	\$ 683	28.7	N	N	Long payback
Total			\$ 1,139,991	\$ 366,282	\$ 1,448,273	\$ 187,611	6.08			
Recommended			\$ 310,219	\$ 126,489	\$ 446,708	\$ 136,204	2.29			