
County of Los Angeles Energy Efficiency Retrofit Program

**E-Contractor Academy
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LA COUNTY PROJECT STATUS


- ISD/COS Continually Identifies Projects within the County infrastructure
- Projects identified to date have been audited and are ready for solicitation
 - some projects have been solicited and awarded
- Funding sources for projects are somewhat limited
 - Projects potential is great given the ISD-managed electricity/natural gas budget is approximately \$150MM/year spread over thousands of facilities.

PROJECTS

<u>Project Types</u>	<u>Total Costs</u>	<u>Total Savings</u>
Retro-commissioning	\$3,718,357	\$883,136
Mechanical Retrofits	\$2,075,000	\$301,500
Lighting Retrofits	\$2,806,881	\$661,172
Solar Rooftops	\$10,596,000	\$519,274
Zero Net Energy Buildings	\$14,709,527	\$761,157
Parks&Rec Projects	\$585,375	\$163,234
	\$34,491,140	\$3,289,473



FUNDING SOURCES


- \$5MM CEC Revolving Loan Fund
 - \$1.5MM per year (approx.) from SCE/SCG Local Government Partnership
 - County must cover 20% of project costs
 - \$3MM every year from CEO
 - \$2MM remaining from DWP litigation
 - Energy Financing
 - Energy Power Purchase Agreements
 - New industry agreements similar to lease financing where the customer/County purchases power or energy efficiency savings
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PROJECT IMPLEMENTATION STATUS

Revolving Loan Fund Projects (Under way)

- Lighting retrofits at hospital, sheriff, probation facilities, 7MM sq.ft. occupied space, \$1MM estimated cost
 - solicited in August 2014, awards pending
- Various retrofits (chillers, lighting, drives) at miscellaneous sites
 - 11 projects, \$5.3MM estimated cost solicitation being developed now
 - To be awarded this year

Zero Net Energy Projects

- 17 previously identified, mostly libraries, \$20MM estimated cost
 - 2 projects proceeding - AC Bilbrew, Julian Dixon, \$2MM estimated cost
 - Solar work awarded under ESSMA
 - EE projects to be awarded under JOC contract with building renovation work
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PROJECT IMPLEMENTATION STATUS


Retro-commissioning Projects

- 18 projects identified, RCx and MBCx, \$3.7MM estimated cost
 - Will use 2015 CPUC funding and DWP settlement funds

Lighting Retrofits

- About 120 buildings identified, various county facilities
 - \$3MM estimated cost
 - Approx. 2/3 completed or awarded under Revolving Loan Fund Program

Solar Projects

- 15 projects identified, \$11MM estimated cost
 - Includes past Power Purchase Agreement sites so audits and estimates completed
 - Require financing source
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PROJECT IMPLEMENTATION STATUS

Work with County Departments

- **Parks**

- 30+ projects, lighting and pool pump retrofits
- \$600K estimated cost
- Parks to develop internal RLF and/or use ISD RLF
- Parks to use their own contracting process

- **Sheriff**

- miscellaneous solar and LED lighting projects
 - cogeneration project at Pitchess Detention Center, costs and savings being compiled
 - seeking budget from CEO and financing programs
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QUESTIONS?

