



Colorado's Energy Performance Contracting Program

Matthew Robinson, Program Engineer
ESC Market Transformation Conference
August 11, 2017

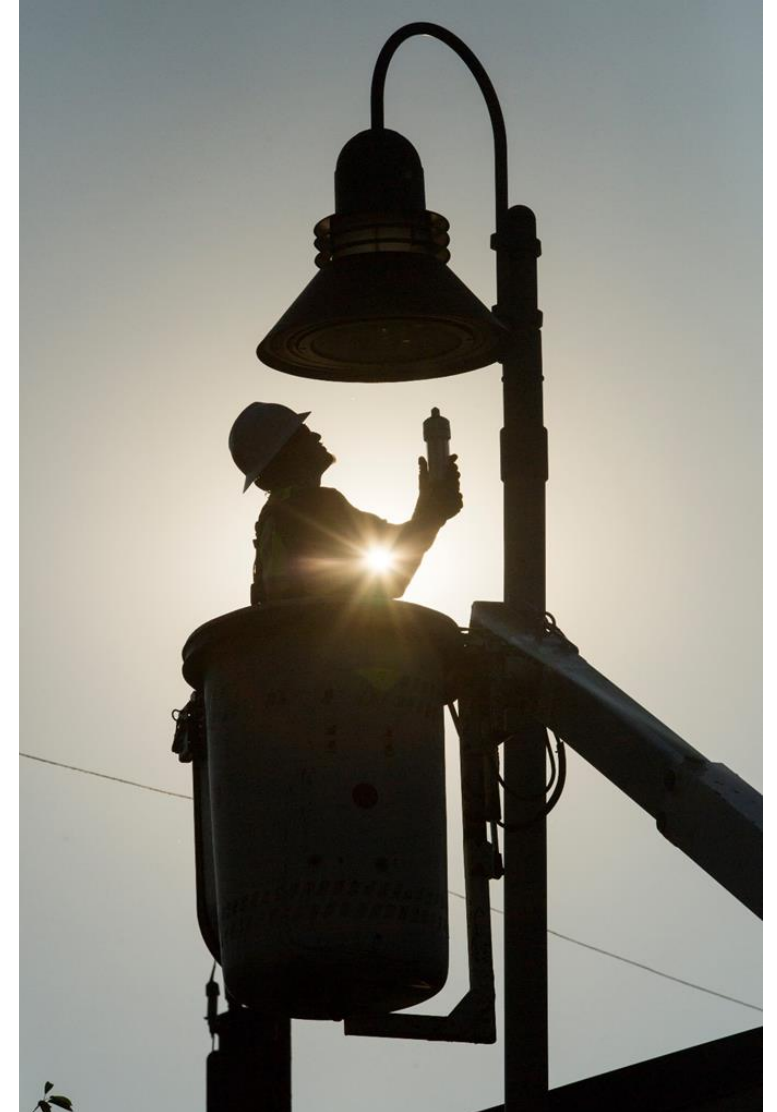


COLORADO
Energy Office

How Do We Build a Successful Program?

Colorado's Key Elements of Success

- Enabling legislation
- Pre-qualified ESCOs
- Standardized documents
- Technical Support



Colorado's Key Elements of Success cont'd

- Market based financing
- Consensus decision-makers
- State ESC Chapter



Continuous Improvement

How do we take a good program and make it better?

- State and Local Contract Update
- Improving Measurement and Verification Guidelines
- Strengthening ESCO Relationships
- Improved Outreach and Marketing



Tracking and Reporting

PUBLIC SECTOR EPC PROGRAM RESULTS as of June 30, 2017

Facility investments	GUARANTEED ANNUAL UTILITY SAVINGS	ENERGY + WATER CONSERVATION MEASURES
\$546,416,348		
Executed projects 199		
Public clients 145	Electricity (kWh) 180.6 million	
State agencies 8/18	Natural gas, propane, heating oil & coal (therms) 9.9 million	
Higher education 18/26		
Counties 23/64	Water (kgal) 506,189	
School districts 55/179		
Municipalities 32/271	Utility cost savings \$32.8 million	
Special districts 9/?		
Public buildings 2525	Operations & maintenance (O&M) cost savings \$2.8 million	
Square feet improved 80.6 million sf		
<i>Office space, schools, housing, libraries, jails, hospitals, street lighting, water & wastewater facilities, swimming pools, ball fields</i>		
		<ul style="list-style-type: none"> HVAC improvements Boiler replacements Pumps, fans & drivers Equipment controls Lighting fixtures & controls Occupancy sensors Operations & scheduling Building envelope improvements Water efficiency (low flow fixtures, irrigation, evapotranspiration & cooling tower controls, ice machine & laundry conversions, pool covers, valve replacements) Street & traffic lights Renewable energy installations