

Southern California Public Power Authority Overview for Riverside Public Utilities

Riverside Public Utilities Resource Operations & Strategic Analytics

Board of Public Utilities
June 25, 2018

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SOUTHERN CALIFORNIA
PUBLIC POWER AUTHORITY (SCPPA)
Overview for Riverside Public Utilities



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WHAT IS SCPPA?



Anaheim Public Utilities
City of Banning
City of Cerritos
Glendale Water & Power
Los Angeles Department of Water & Power
Riverside Public Utilities

Azusa Light & Water
Burbank Water and Power
City of Colton Electric Utility
Imperial Irrigation District
Pasadena Water & Power
City of Vernon Public Utilities

WHAT IS SCPPA?

Mission:

SCPPA provides collaborative advocacy, value-added services and joint procurement to enhance operational efficiency and increase savings for its members.

Joint Powers Authority (JPA) formed in 1980

Serves 11 Municipal Utilities and 1 Irrigation District

Serving More than 5 million Californians (2 million customers) across a service area of 7,000 square miles

Member peak load > 9700 MW

SCPPA provides 16% of California's Power

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SCPPA FOCUS AREAS

Financing

Strategic
Collaboration

Legislative/
Regulatory

Programs



Projects

Workforce
Development



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PROJECTS

Development:

- Issued several RFPs and evaluated 135 Renewable Projects
- Reduced Project Costs
- Quickly supported compliance with State Mandates

Management:

- 39 Projects with an annual budget of \$900 Million
- Managed actual costs to be below budget
- Renegotiate Projects for member savings
- Secured 50 additional years of low cost, GHG free hydro power from Hoover.



SCPPA Projects provide power for 1.4 million homes of our members and is currently 35% renewable.

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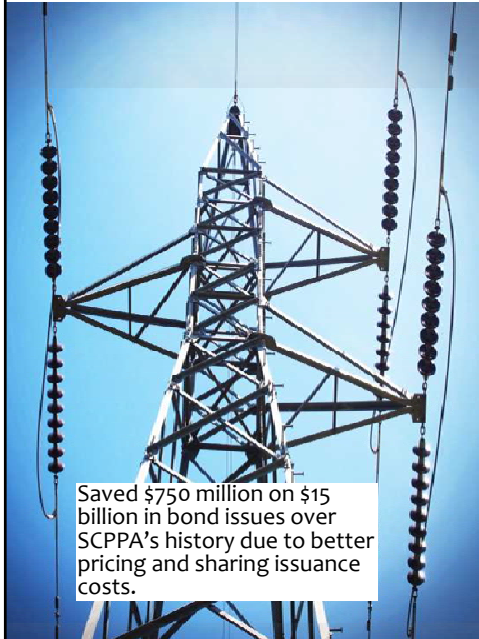
RPU PROJECTS

- Hoover
- Mead Adelanto Transmission Project
- Mead-Phoenix Transmission Project
- Palo Verde Generating Station
- Southern Transmission System (for IPP Power Delivery)
- Antelope Big Sky Ranch Solar
- Antelope DRS 1 Solar
- Columbia 2 Solar
- Kingbird Solar
- Summer Solar
- Loyaltan Biomass



RPU participates in 11 Joint Projects

FINANCING AND LEGISLATIVE AND REGULATORY



Saved \$750 million on \$15 billion in bond issues over SCPPA's history due to better pricing and sharing issuance costs.

Financing:

- Managed \$3 billion in outstanding project debt.
- Refinance two projects for \$8 million in savings

Legislative and Regulatory:

- Supported extension of GHG Cap and Trade Program which could save members over \$1 billion versus other alternatives.
- Educated legislative and regulatory staff on electric utility operations through meetings and facility tour.
- Educational Materials

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PROGRAM COLLABORATION

Programs:

- In energy efficiency, energy storage, transportation electrification, transmission system improvements, and customer engagement
- 8 new program and service contracts, for 62 active contracts

Strategic Collaboration:

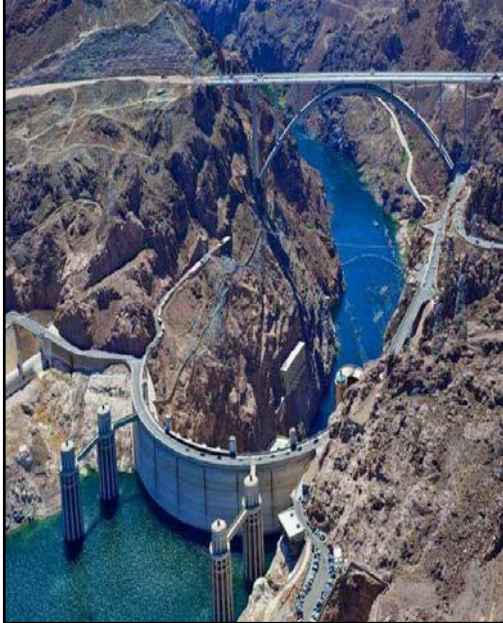
- 120 meetings attended by 1,800 member staff
- Major Conferences: Annual Meeting, Transmission and distribution



Over \$11 million in savings due to volume discounts this fiscal year.

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RPU UTILIZED CONTRACTS



- Efficiency Engineering Services
- Efficiency Products
- Appliance Recycling
- Meter Data Reporting Services
- Upstream Rebates for High Efficiency AC
- Efficiency and Customer Engagement Research
- Direct Install Services
- Commercial and Industrial Energy Audits
- Engineering Consulting
- Automated Rebate Processing
- Customer Behavioral Program
- Market Research Services
- Customer Relationship Management Platform
- EV Charging Equipment and Installation

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RPU WORKING GROUP PARTICIPATION

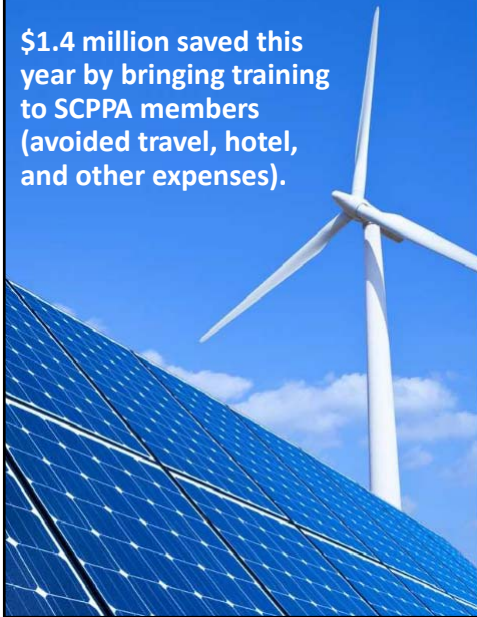
- Electrification
- Finance
- Risk Management
- Generation
- Key Accounts
- Legislative
- Regulatory (Chair)
- Public Benefits
- Renewables
- Resource Planning
- Transmission and Distribution
- Safety
- Mutual Assistance
- Cyber Security



RPU Active in the
following working groups

WORKFORCE DEVELOPMENT

\$1.4 million saved this year by bringing training to SCLPPA members (avoided travel, hotel, and other expenses).



Workforce Development:

- 29 Events with approximately 1,000 attendees.
- Started training center and achieved 43% utilization

RPU Participation:

- Finance and Accounting
- Wholesale Markets
- Operations
- Regulatory
- Cyber Security
- Engineering

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RECOMMENDATION

That the Board of Public Utilities receive and file this report.



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QUESTIONS AND DISCUSSION



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