



2019 Update: ABAG's Energy Programs

ABAG Executive Board | March 21, 2019

Brad Paul | Deputy Executive Director, Local Government Services

Jennifer Berg | Assistant Director, Energy Programs Manager

Chris Cone | Program Manager, Sonoma County RCPA



ASSOCIATION OF BAY AREA GOVERNMENTS
METROPOLITAN TRANSPORTATION COMMISSION

TONIGHT'S PRESENTATION

- ABAG POWER
- Bay Area Regional Energy Network (BayREN)
- BayREN's Water Bill Savings Program





ASSOCIATION OF BAY AREA GOVERNMENTS



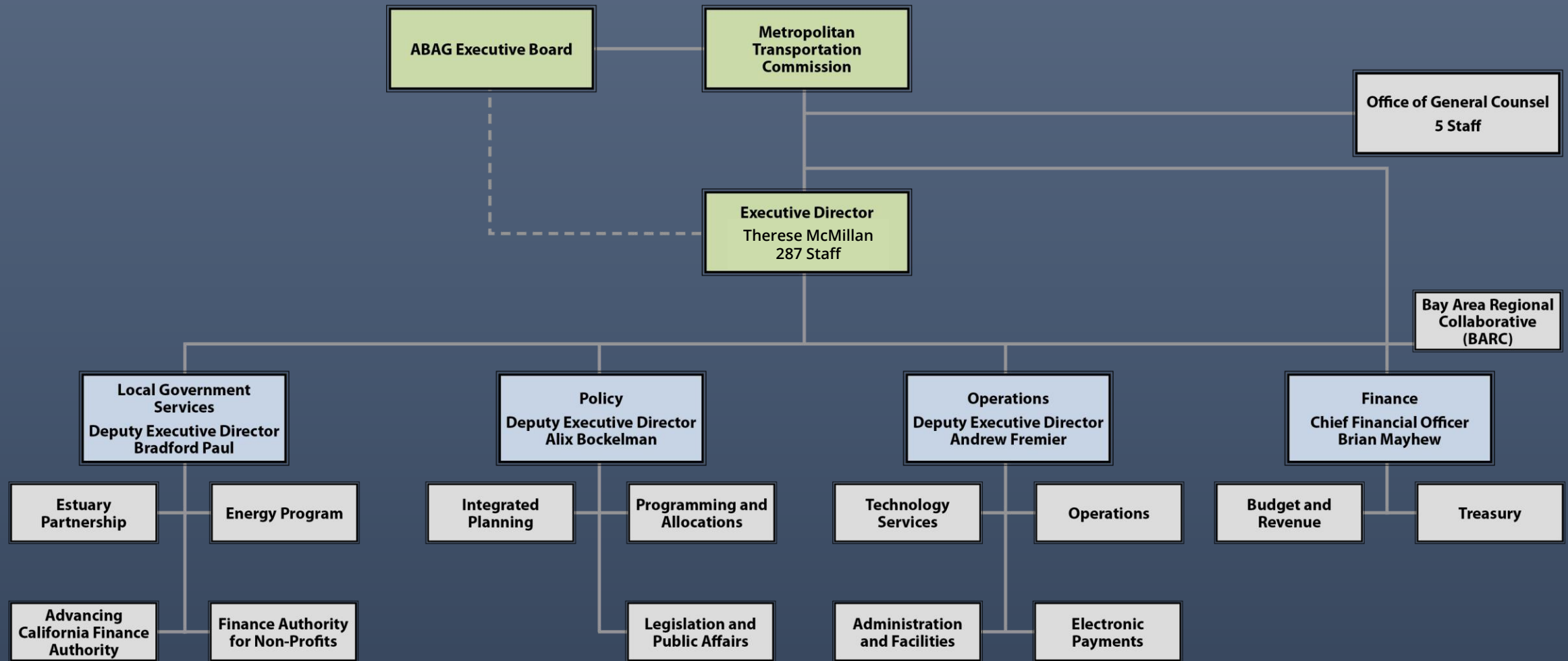
METROPOLITAN TRANSPORTATION COMMISSION

CONSOLIDATION

- 1 staff serving 2 boards
- 287 staff strong



STAFF ORGANIZATION



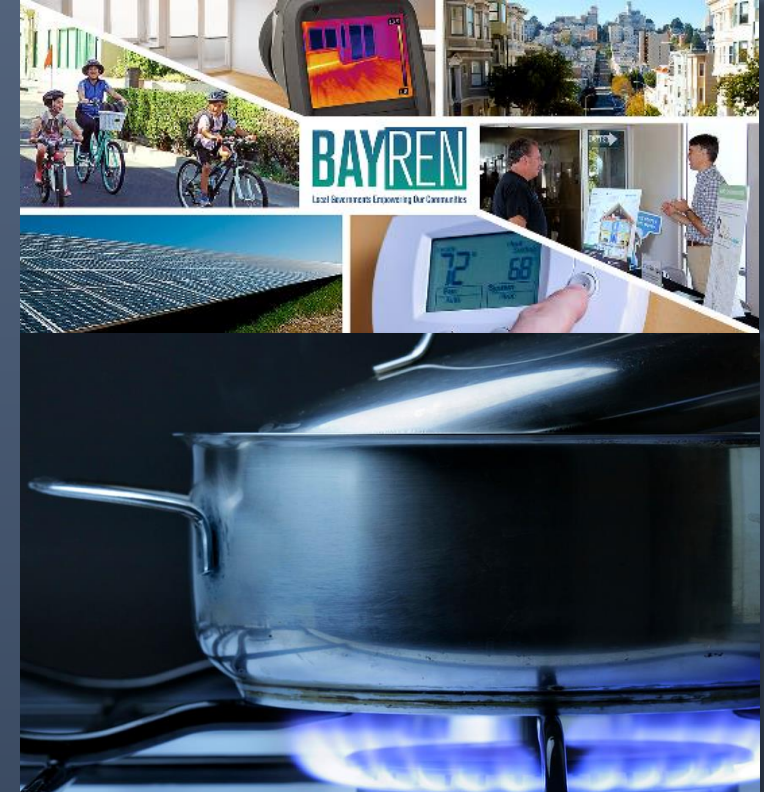
ABAG LOCAL GOVERNMENT SERVICES

ABAG POWER

BayREN

SF Estuary Partnership

ABAG Finance Authority
(FAN/ACFA)



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ABAG POWER NATURAL GAS PROGRAM



ABOUT

22nd Year of Operation

Local Govt Leadership in Energy
Procurement / Management

Natural Gas Purchasing
& Transportation

38 Participating Members



PROGRAM GOALS

- Cost Savings
- Price Stability
- Services to Communities
- Environmental Sustainability



ASSOCIATION OF BAY AREA GOVERNMENTS
METROPOLITAN TRANSPORTATION COMMISSION

ABAG PUBLICLY OWNED ENERGY RESOURCES (POWER)

ABAG POWER Executive Committee Meets Bimonthly

Board Chair **Dave Brees** | City of Los Altos

Board Vice Chair **Angela Walton** | City of Richmond

Committee Member **Chris Schroeder** | City of Milpitas

Committee Member **Dan Schoenholz** | City of Fremont

Committee Member **Diana Oyler** | County of Contra Costa

Committee Member **Doug Williams** | City of Santa Rosa

Committee Member **Misty Mersich** | City of Cupertino



ABAG PUBLICLY OWNED ENERGY RESOURCES (POWER)

International Hedging: Natural gas imported from Alberta, Canada using four pipelines as of February

Renewable Natural Gas: Currently investigating opportunities to incorporate renewable gas supply and/or assist members with vehicle fuel projects

Local Government Led: Opportunities for expanded membership and leadership in light of uncertainty surrounding PG&E's bankruptcy and potential sale of gas division.



KEY BENEFITS OF ABAG POWER

- Personalized customer service and account management
- Stable, predictable, and transparent rates for cost-sensitive facilities
- As a public entity, members shape program direction through equal voting rights



BAY AREA REGIONAL ENERGY NETWORK (BAYREN)

- BayREN is a Program Administrator of Ratepayer Funds
- Successful climate, resource, and sustainability programs:
 - Single Family
 - Multifamily
 - Green Labeling
 - Commercial
 - Codes & Standards
 - Water Bill Savings



BAY AREA REGIONAL ENERGY NETWORK (BAYREN)

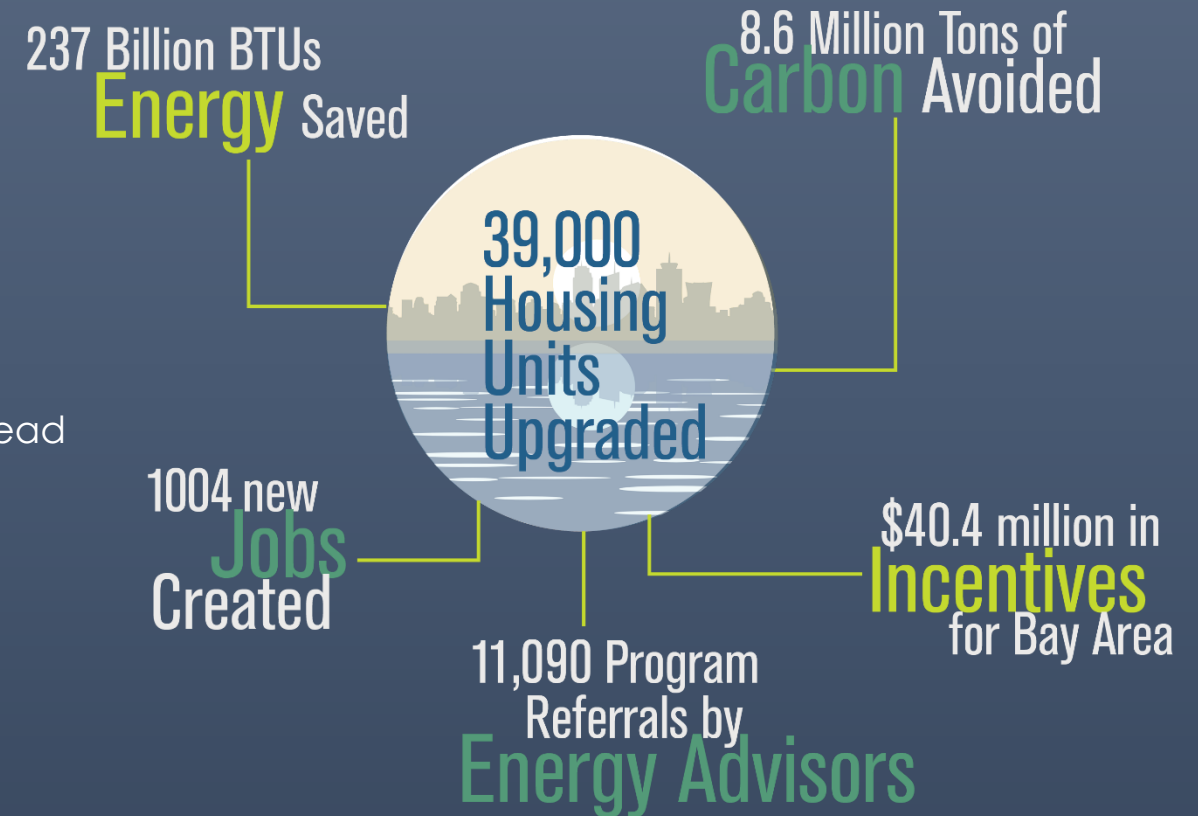
- RENs are a critical part of the solution for the State's reliable and sustainable energy future that considers **water, greenhouse gases, and resiliency**
- By uniting and coordinating multiple efforts at a regional level and delivering these integrated solutions, the **RENs will help the State meet our aggressive goals related to climate change**



BAY AREA REGIONAL ENERGY NETWORK (BAYREN)

BUILDING GOVERNMENT CAPACITY

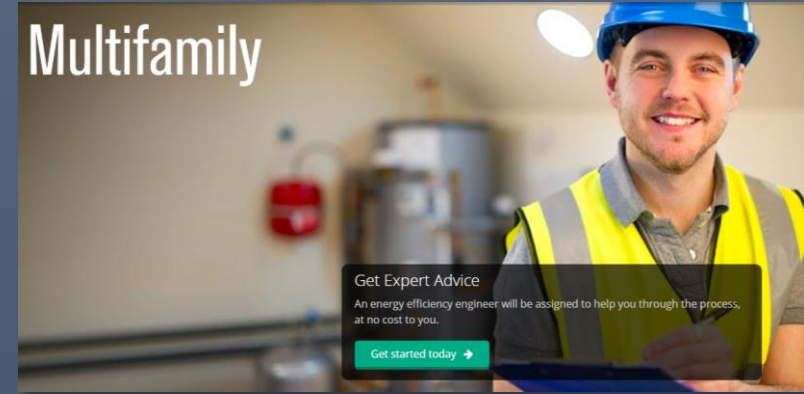
ABAG/MTC	Single Family and Codes & Standards Program Lead
Alameda	Multifamily & Green Labeling Program Lead
San Francisco	Commercial Program Lead
Santa Clara	Single Family Statewide Marketing, Education, and Outreach Lead
Sonoma	Water Bill Savings Program Lead



BAYREN - RECENT ACKNOWLEDGEMENTS

January 2019

- Multifamily Program Recognized Nationally for Effectiveness and Innovation



The New Leaders of the Pack: ACEEE's Fourth National Review of Exemplary Energy Efficiency Programs
<https://aceee.org/research-report/u1901>

February 2019

- Commercial Program Partner, Mission Asset Fund, Nominated for Visionary of the Year



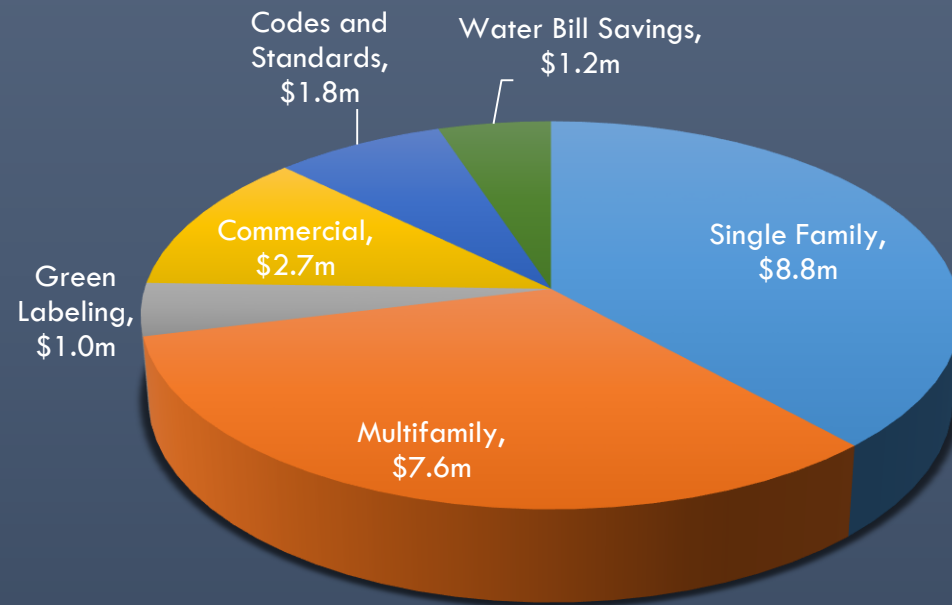
San Francisco Chronicle: José Quiñonez's nonprofit offers 'passport' to US economy for underprivileged
<https://www.sfchronicle.com/vision/article/Jose-Qui-onez-s-nonprofit-offers-13618848.php>



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BAY AREA REGIONAL ENERGY NETWORK (BAYREN)

2019 Program Budgets



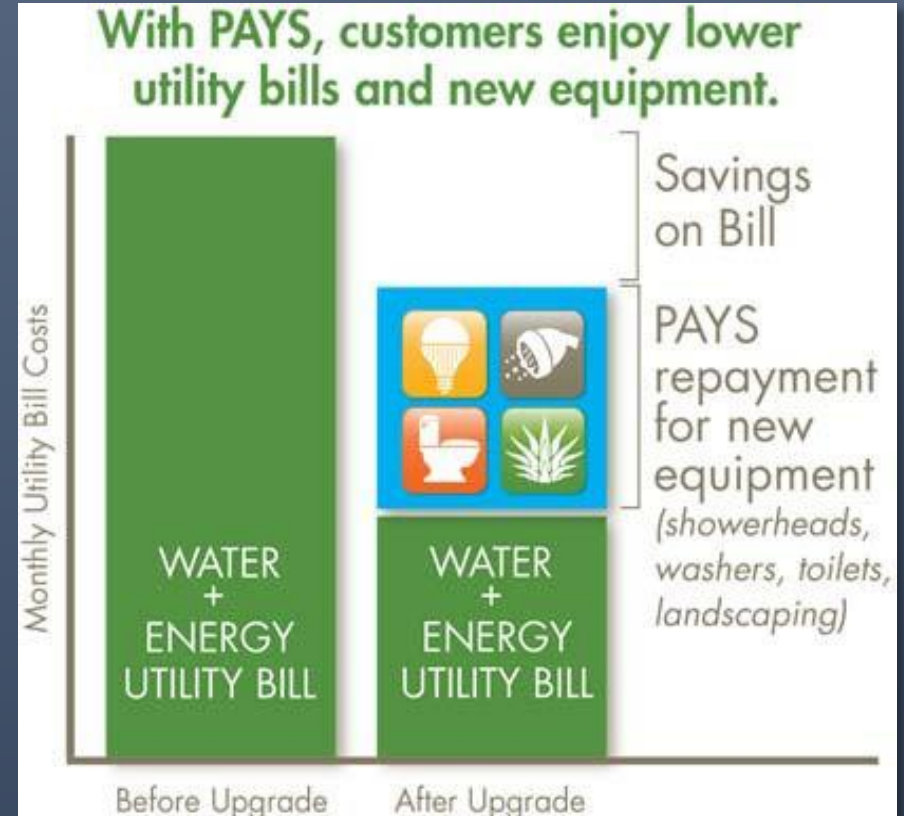
Local Impact

- Staff from 88 of the 109 Bay Area's jurisdictions have engaged Codes and Standards trainings and forums
- 3,000 residences have undergone an energy rating with Home Energy Score
- 315 local contractors have completed training sessions for Single Family retrofits

WATER BILL SAVINGS PROGRAM

The BayREN Water Bill Savings Program allows water utilities to install eligible improvements in customers' buildings with program assurances field tested by BayREN's PAYS® on-bill pilots:

- No up-front payment, no new debt obligation, no credit checks, and no liens.
- A monthly tariffed surcharge that is significantly lower than estimated savings.
- Participants pay only while they are a utility customer at the project location.
- A guarantee that failed measures are repaired or the payment obligation is terminated.



CURRENT PROGRAMS

Features	Windsor Efficiency PAYS®	Green Hayward PAYS®	EBMUD WaterSmart On-Bill
Customer Class	Single Family Multifamily	Multifamily	Multifamily Commercial
Eligible Upgrades	Toilets (1.06/gpf) Showerheads/aerators <u>Single Family:</u> Drought-tolerant landscaping	Toilets (1.06/gpf) Showerheads/aerators Weather-based irrigation controller Irrigation system repair Common area lighting Central hot water	Toilets (1.06/gpf) Showerheads/aerators Weather-based irrigation controller <u>Commercial:</u> Improvements vary by customer
Started Operation	2012-2015	2014	2016
Program Operator	Third-party	Third-party	EBMUD
Capital Source	Self-funded	Self-funded	Self-funded

Projects as of January 2019 — 480 multi-family unit/230 single family projects

Average water savings — 30% multi-family / 20% single family



REGIONAL PROGRAM MODEL

Organized under MTC/ABAG, the regional Program:

- Facilitates low-cost capital.
- Centralizes administration.
- Streamlines service delivery.
- Simplifies program operation.

