



Community Power Coalition

February 2017

Agenda

General Updates

- CalCCA formed
- EBCE formed
- 2016 McGlashan Advocacy Award
- Current Opt out and Opt up numbers
- California procurement
- El Cerrito's 100 for 100 centennial celebration
- Update on Contra Costa County discussion of CCA

MCE Updates

- Grace Peralta presenting on MCE's Multifamily Energy Efficiency Program
- Low Income Families and Tenants (LIFT) pilot

Legislative & Regulatory Issues

- Summary of CPUC *en banc* (Feb 1st)
- PG&E's PCIA increase, working group update
- PG&E proposing to charge PCIA to Medical Baseline customers

New Items on the Horizon

- April Advocate training

CalCCA Launches!

Represents the interest of California's community choice electricity providers in the legislature and at the relevant regulatory agencies.



Operational Members

- MCE
- Sonoma Clean Power (SCP)
- Lancaster Choice Energy (LCE)
- CleanPowerSF
- Peninsula Clean Energy (PCE)
- Silicon Valley Clean Energy (SVCE)
- Apple Valley Choice Energy

Affiliate Members

- City of Davis
- City of Corona
- Los Angeles County
- Placer County
- Central Coast Power (Counties of Santa Barbara, San Luis Obispo, and Ventura)

Newest CA CCA: EBCE!



First Board of Directors meeting,
January 30

CCA service to soon begin for:

- Unincorporated Alameda County
- Albany
- Berkeley
- Dublin
- Emeryville
- Fremont
- Hayward
- Livermore
- Oakland
- Piedmont
- San Leandro
- Union City

MCE's Charles F. McGlashan Advocacy Award

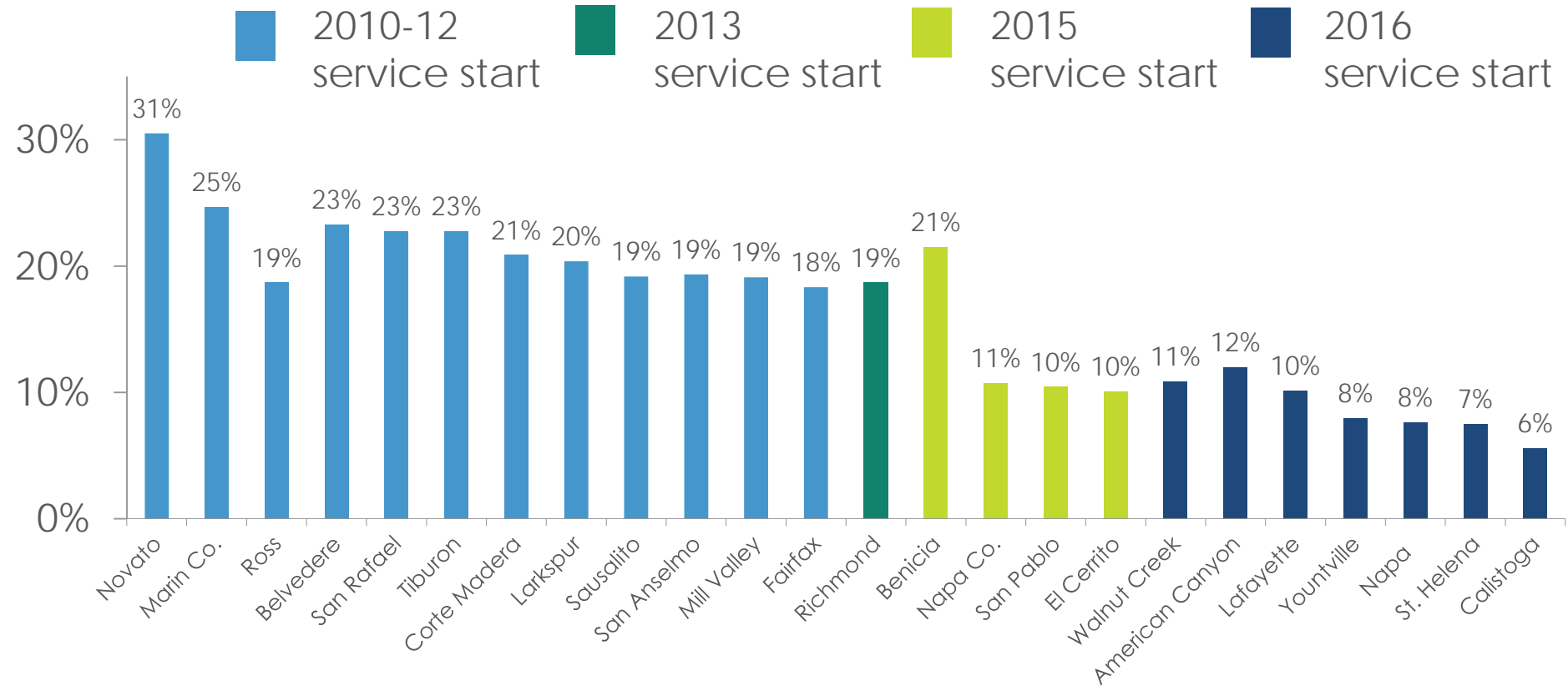
Commemorates the environmental leadership of Charles F. McGlashan, Former Founding MCE Chairman

Recognizes passion, dedication, and leadership in promoting MCE's mission

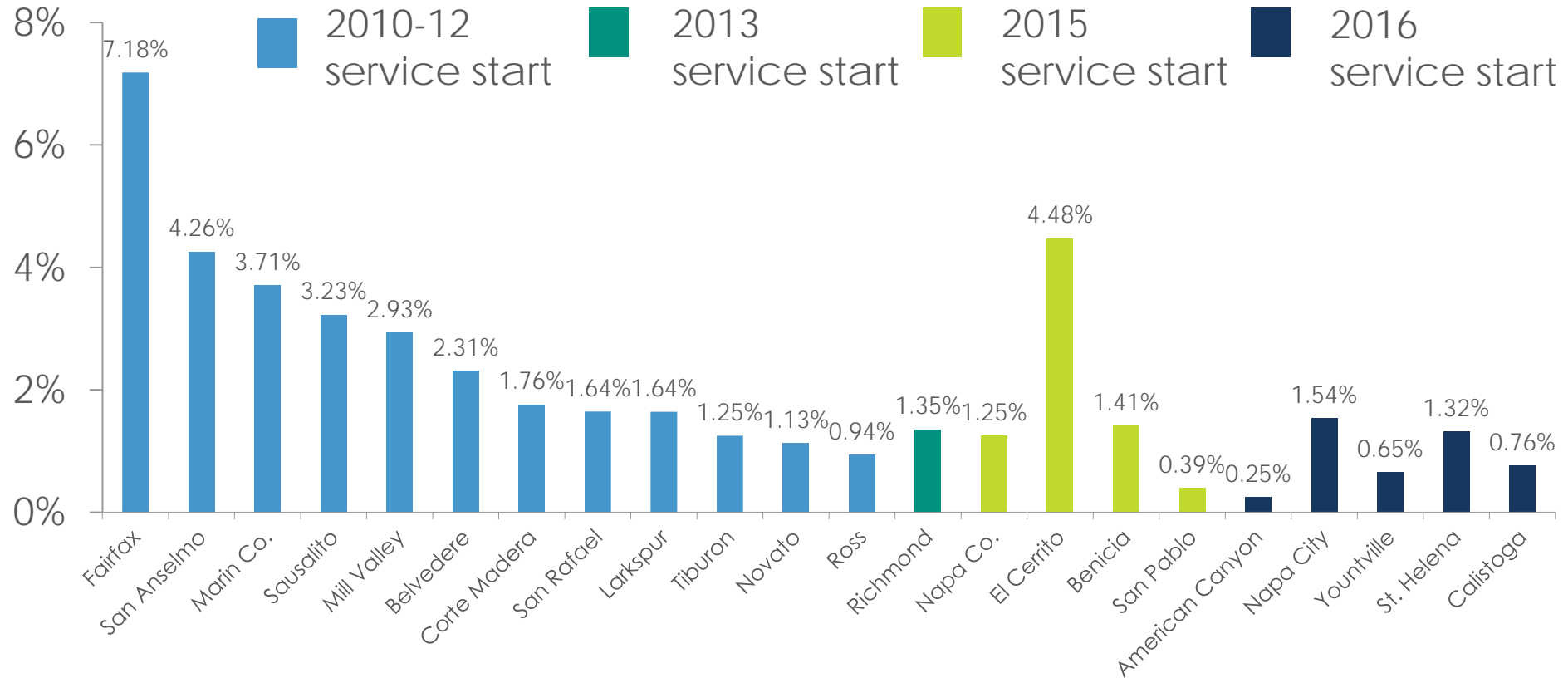


2016 recipient: Sustainable Napa County

Opt Outs



Deep Green (Opt Ups)

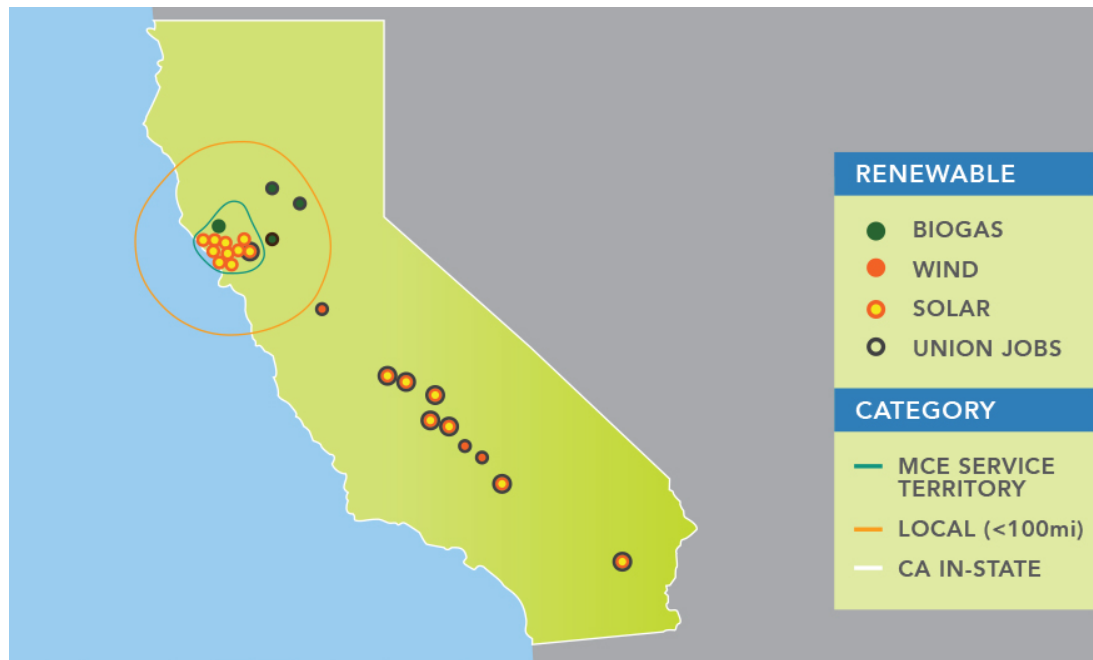


New Local and In-State Renewables

\$1.6 Billion
committed

535 MW new solar
266 MW new wind
12 MW new biogas

24 Projects 813 megawatts



MCE Feed-In Tariff (FIT) Program

Turning unused space into a revenue stream

One of the most competitively priced FIT programs in California

Advantages:

- Standardized, 20-year term
- Fixed price per MWh generated
- Accurately reflects project revenue and can help secure project financing



FIT Case Studies



COST PLUS SHOPPING PLAZA CASE STUDY

PROJECT SIZE	265 kilowatt
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INSTALLATION TYPE	Rooftop
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EST. ANNUAL REVENUE	\$75,000
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EST. 20 YEAR REVENUE	\$1 Million+
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HOMES POWERED	90 per year
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FREETHY INDUSTRIAL PARK CASE STUDY

PROJECT SIZE	Two–1 megawatt
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INSTALLATION TYPE	Ground Mount
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EST. ANNUAL REVENUE	\$550,000
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EST. 20 YEAR REVENUE	\$10 Million+
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HOMES POWERED	600 per year
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EL Cerrito 100 for 100

Encouraging residents & businesses to go **Deep Green** as part of larger Centennial Celebration



100
PERCENT

100
YEARS

Celebrate our 100th with 100% renewable energy

mceCleanEnergy.org/elcerrito

Contra Costa County update

CCA options

Start new CCA

Join EBCE

Join MCE

Options available to 14 cities and unincorporated county

What is Community Choice Energy?



CCE enables local governments to procure and/or develop power on behalf of their public facilities, residents and businesses. It creates a functional partnership between municipalities and existing utilities. It has proven to increase renewable energy and lower greenhouse gases while providing competitive electricity rates.

How Community Choice Energy Works



ccccounty.us/cce

MCE's Multifamily Energy Efficiency Program



MCE
Multifamily Program



Energy Efficiency Programs

Available to **Market rate** and **affordable** multi-family properties in **all member communities**

Multifamily

Offerings



- No cost **energy assessments** (valued at \$3,000-\$5,000; max deposit \$500 reimbursed at completion)
- No cost **technical assistance** to solicit bids and develop scope of work
- **Rebates** average 20-60% of total project cost
- No cost **direct install** measures for tenant units (valued at \$25 per unit)
- Post-project **quality assurance**
- Minimum 1 year **contractor warranty**

1

• Complete Online Questionnaire

2

• Submit Intent to Proceed & Good Faith Deposit

3

• Schedule Assessment

4

• Finalize Scope, Secure Financing & Hire Contractors

5

• Complete Construction & Direct Install

6

• Schedule Site Verification

7

• Receive Rebate from MCE within 2 Weeks of Project Sign-off

Program Process



EAH

Affordable
Housing

Case Study



Tiburon, Novato & San Rafael




206


Total units served





•\$13,200

•Total Rebates

 2,766 Therms
\$ 3,043

 25,111 kWh
\$ 3,767

 404,844 Gal
\$ 810

 \$7,620 Total Savings

=



77,443
Miles driven by an average
passenger vehicle*

=



10,121+
Average bathtubs
filled with water*

*EPA

EAH Estimated Annual Savings



San Rafael Manor HOA

Case Study



San Rafael




160


Total units served




•\$3,417

•Total Rebates

 215 Therms
\$ 293

 23,609 kWh
\$ 3,186

 457,371 Gal
\$ 915

 \$4,394 Total Savings

=



42,497

Miles driven by an average passenger vehicle*

=

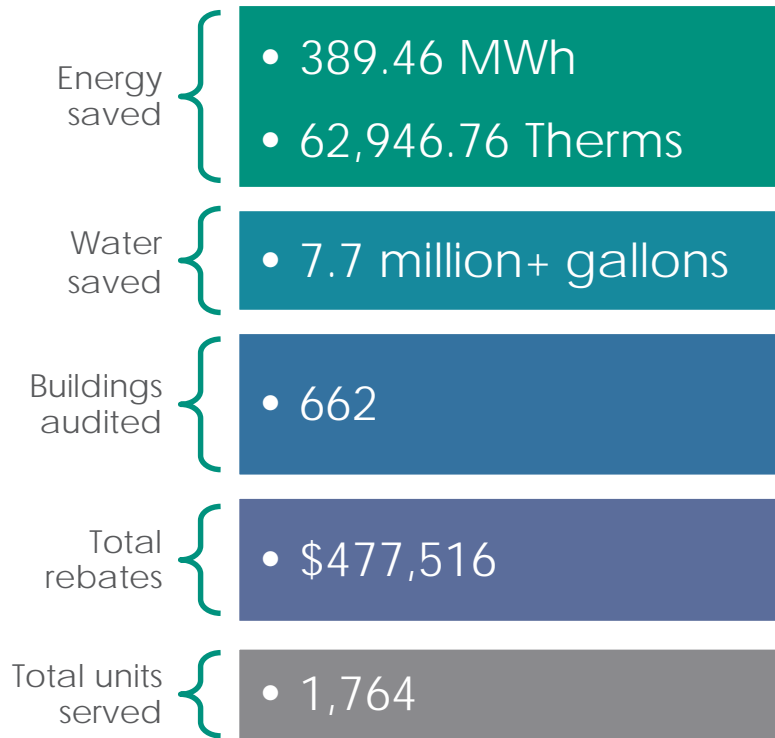


11,434+

Average bathtubs filled with water*

*EPA

San Rafael Manor Estimated Annual Savings



=

Green House Gas emissions from



64



127



575_{ac.}

Accomplishments

January 2013 to August 2016



Low Income Families & Tenants (LIFT) Program

Multifamily

- Layered Rebates
- Tenant education
- Heat pumps

Single Family

- Matched Energy Savings Accounts
- Mobile alerts
- Family education

\$3.5 million
April 2017
Launch

Regulatory & Legislative

En Banc

- Well attended: 1,200+!
- Engaged commissioners
- Recognition of MCE progress
- Opportunity for public comment by 2/23:
suzanne.casazza@cpuc.ca.gov;
mitchell.shapson@cpuc.ca.gov



En Banc

"...[L]eading the pack today by a long shot is Marin Clean Energy. In the last year or two they have engaged in a substantial amount of long-term contracting and they have a goal of 80% renewable energy by 2025. But more importantly, Marin is poised to obtain over a third of their retail load from new local renewable energy projects by 2019 and over 50% by 2020 so it's a real impressive focus on local resources and new development. This is the benchmark for Community choice procurement in my view."

Mark Friedman (TURN)

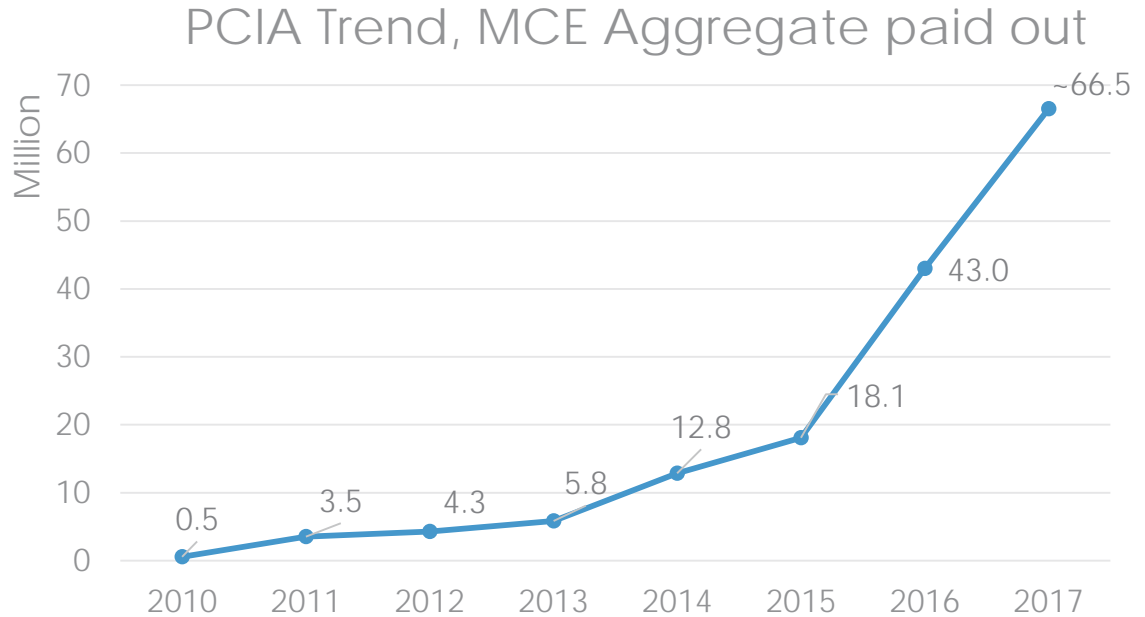
"CCAs have very aggressive portfolio mixes and... this ultimately results in more energy projects and more jobs. IBEW is working on several renewable energy projects including large scale solar projects in our area of the Antelope Valley, a large portion is being purchased by CCAs. Thanks to the apprenticeship component, these jobs become family sustaining careers with pensions and benefits... When CCAs are structured properly with the proper components of apprenticeship or distributed energy resources, we know that these are great career creators and we've seen them change lives every day."

Joseph Sullivan (IBEW 11)

www.adminmonitor.com/ca/cpuc/en_banc/20170201/2/

PCIA 2017

- Working group last meeting 2/8
- March: drafted recommendations
- Possible themes: IOU standardization, wholesale reform, transparency, changed methodology



2017: 27% increase

Sample Residential Cost Comparison

	30% renewable PG&E	50% renewable MCE	100% renewable MCE
Electric Delivery		\$47.18	
Electric Generation	\$45.55	\$33.34	\$37.97
Added PG&E Fees	-	\$13.78	\$13.78
Monthly Cost	\$92.73	\$94.30	\$98.93

Based on a typical usage of 463 kWh at current PG&E and MCE E-1 rates. Actual differences may vary depending on usage, rate schedule, and other factors. Estimate provided is an average of seasonal rates.

PCIA & Medical Baseline

- PG&E GRC II proposes PCIA to Medical Baseline
- SCE Rate Design Application proposes PCIA to CARE & Medical Baseline
- MCE & Lancaster Choice submit motion for single venue/separate proceeding

	PG&E	SCE	SDG&E
CCA Customers (not CARE or Medical Baseline)	Yes	Yes	Yes (other than residential)
CCA CARE Customers	Yes	No	No
CCA Medical Baseline Customers	No	No	No

Public Hearing Richmond, April 2017

On the Horizon

April Advocate Training

Potential topics:

Regulatory Riddles

Procurement Potential

Deep Green Goals



What would you like to learn?

Thank You!

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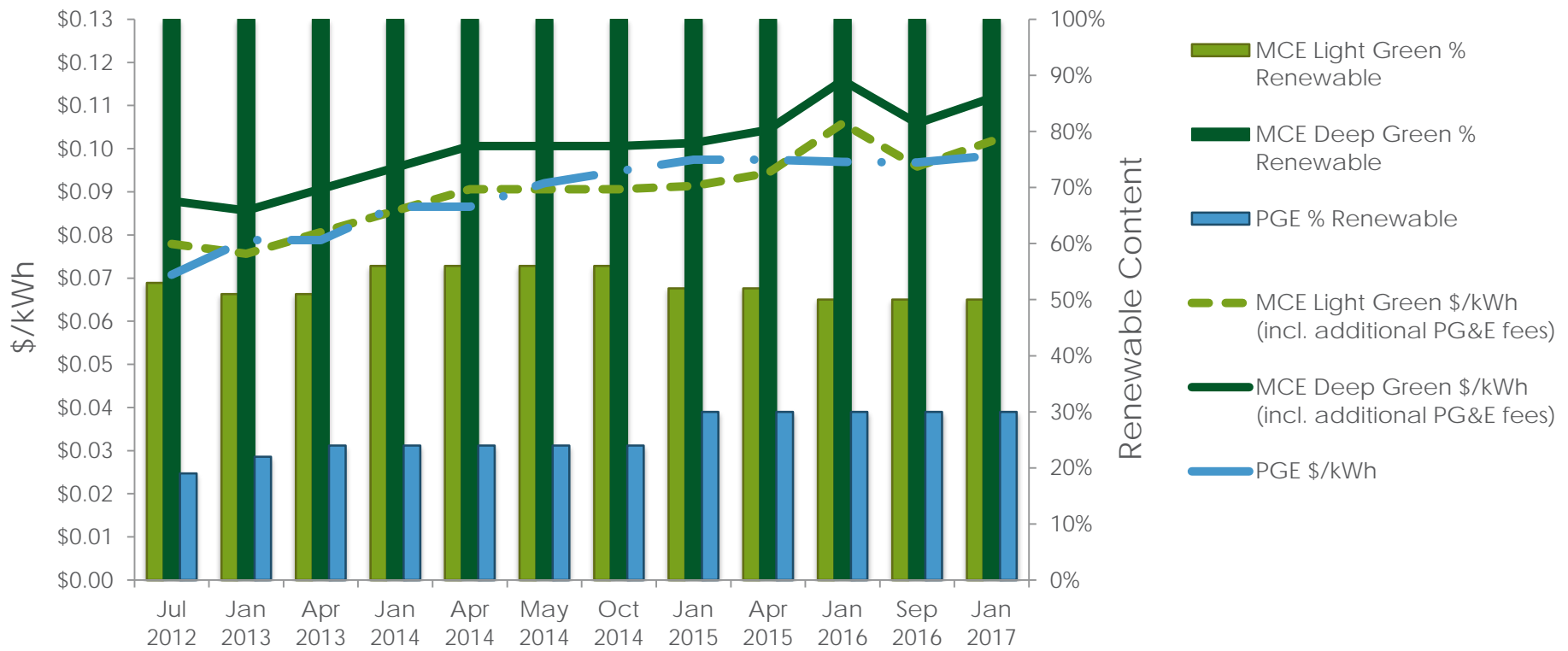
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Additional Slide Options

RATES ARE TEMPORARY

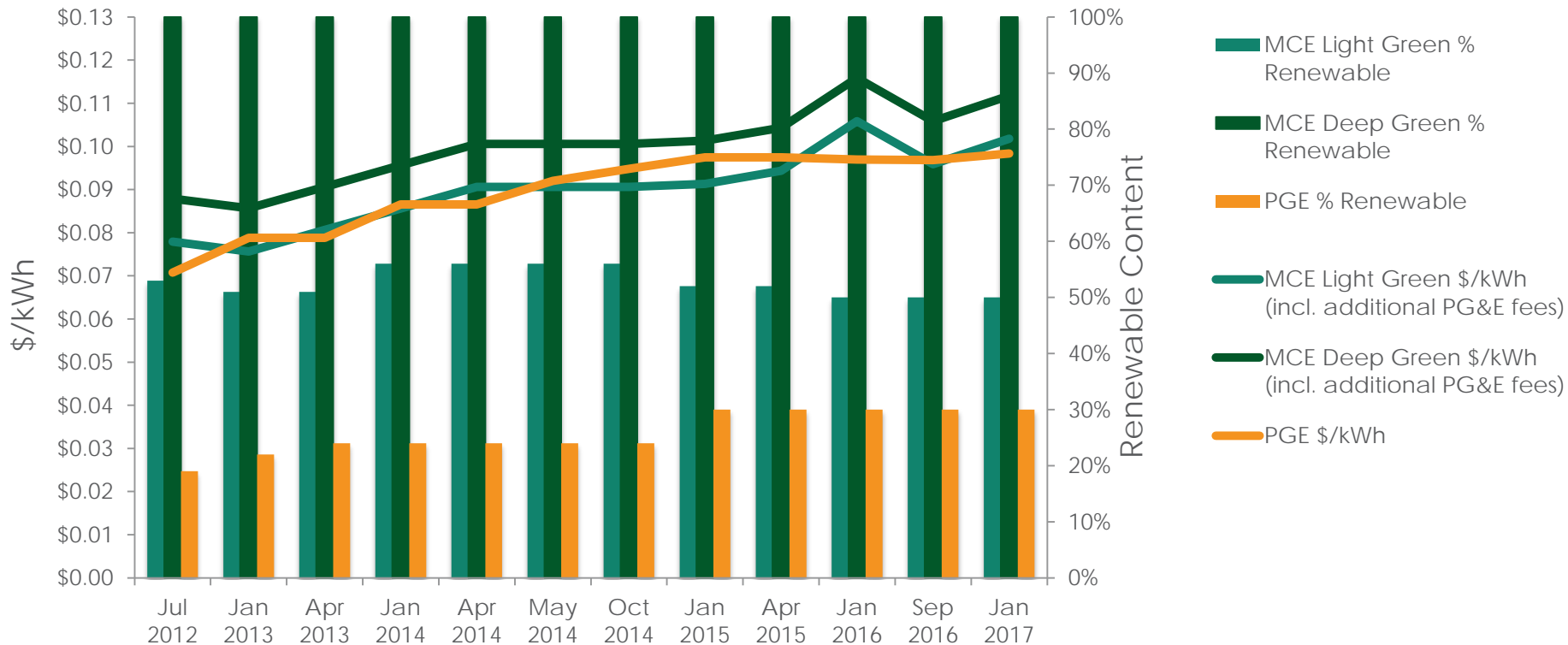
Choice is Permanent



Gen Rates With PCIA & FF

RATES ARE TEMPORARY

Choice is Permanent



Generation Rates ONLY

RATES ARE TEMPORARY

Choice is Permanent

