

Solar Program Update

Resource Management Commission, June 2019

Danielle Murray

Manager, Customer Renewable Solutions



6/18/2019

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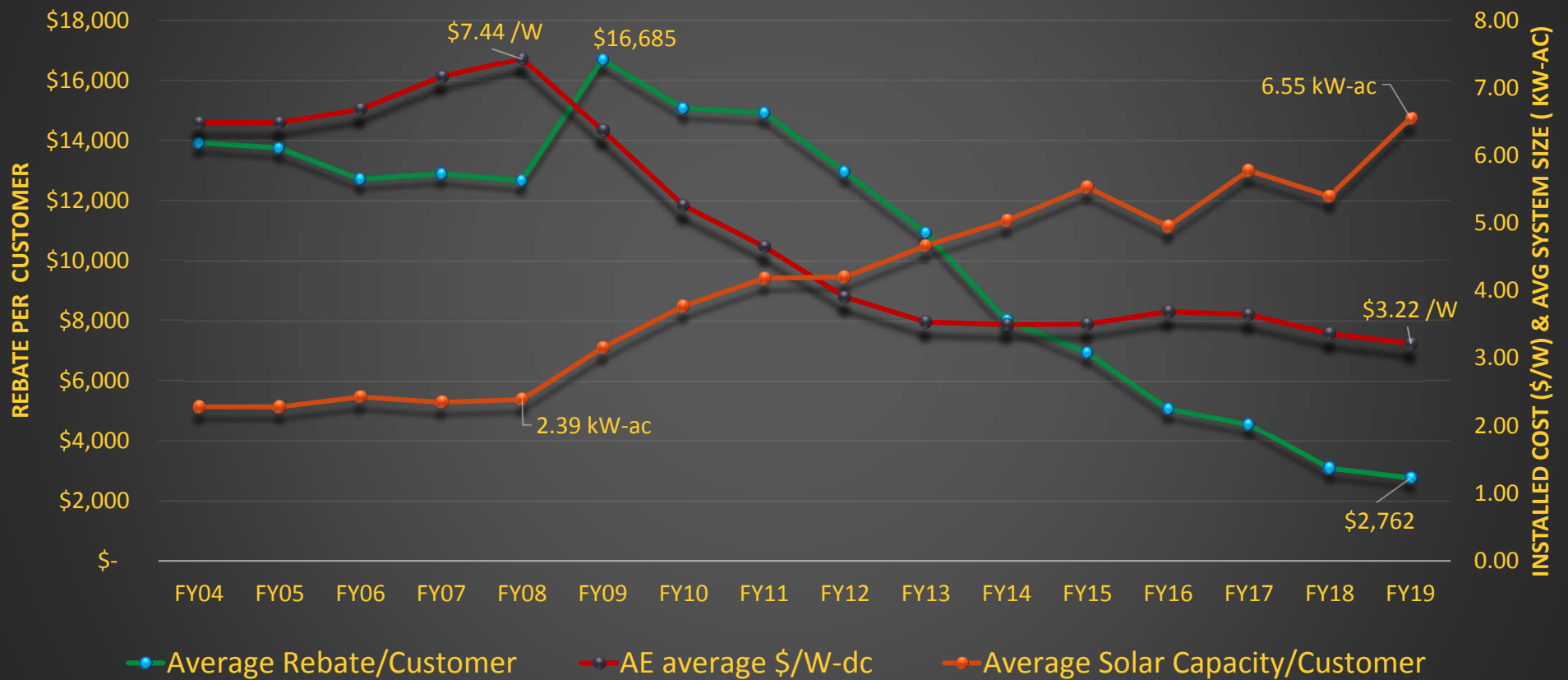
Outline

- **Residential Incentives**
 - Solar Ed, Summer Bonus, Velocity Solar Loan
- **Multifamily Incentives**
 - Non-Profit Summer Bonus, Shared Solar
- **Commercial Incentives**
 - PBIs, Leasing pilot
- **Community Solar**
 - ABIA
- **Solar Growth To Date & Local Solar Goals**



Residential Solar Rebate Program

Rebate, Capacity, Installed Cost

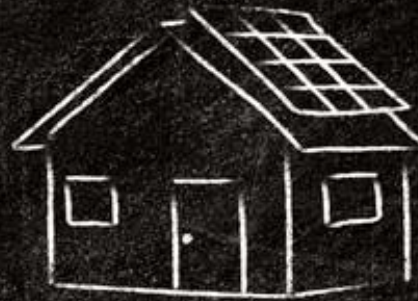


Solar Knowledge is Power



Learn

+



Install

=



Save

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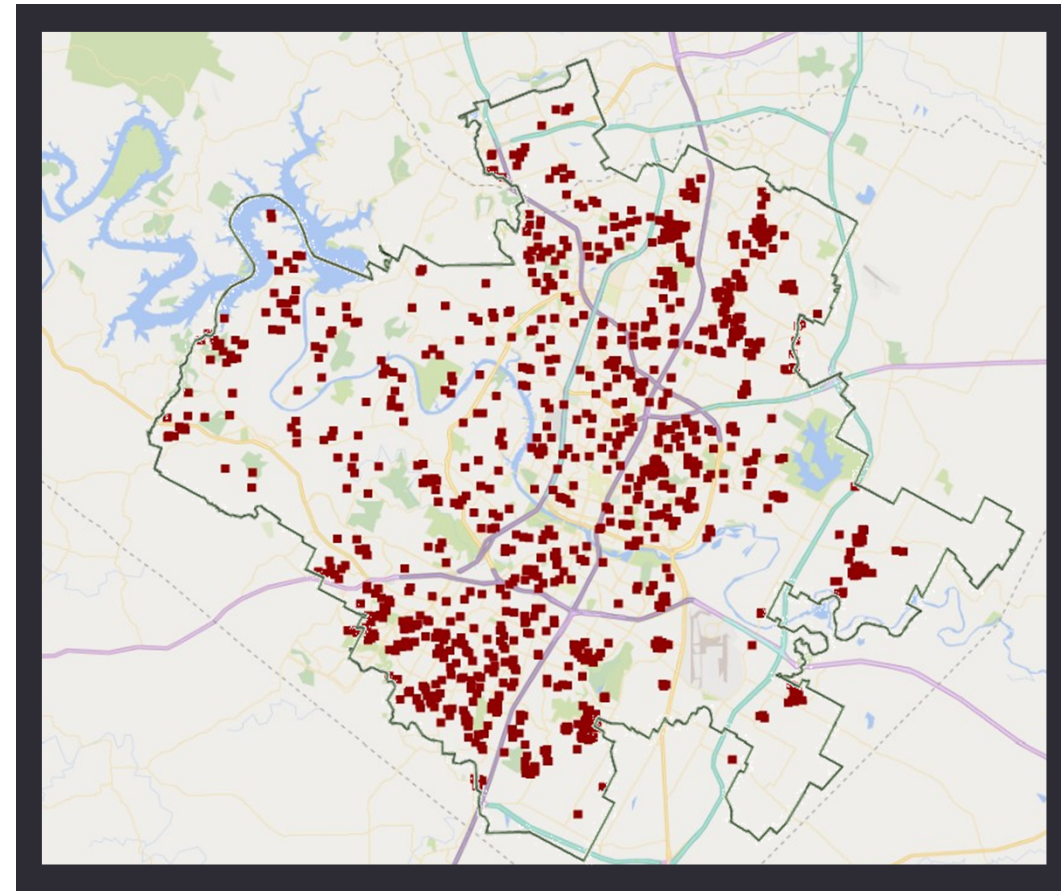
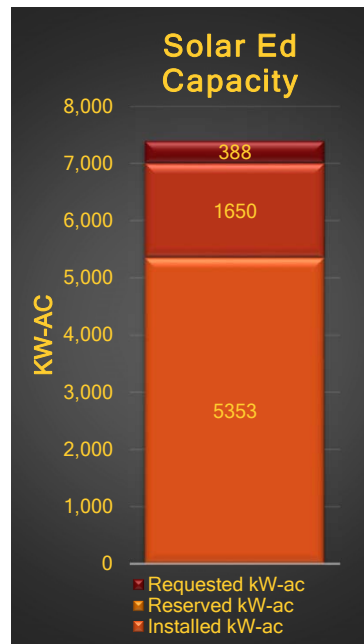
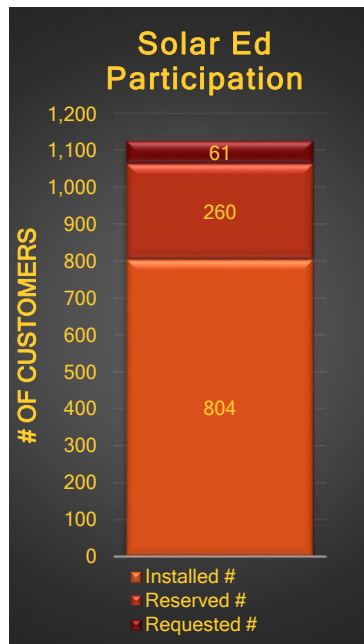
Customer Driven.
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Residential Rebate: Solar Ed Program

Solar Ed Participant Locations

	Year Prior to Solar Ed	Solar Ed Program
System Size	5.64 kW-ac	6.36 kW-ac
Cost/W-dc	\$3.81/W	\$3.25/W
Time to process	138 days	80 days



Solar Ed Rebate Participant Feedback

"I found Austin Energy's solar incentives to be well balanced and designed. The up front rebate is useful to incentivize the construction, while the energy buyback system balances the need for conservation, distribution of energy production, as well as maintenance of the grid."

"It was fast and easy and definitely a strong motivator to go green!"




"Your website should be the FIRST place potential solar energy installers should start! I could have saved myself a TON of money, time and headaches had I started with Austin Energy"

"Austin Energy was timely, helpful, and found issues with my installation that kept my contractor honest. Thanks Austin Energy!"

"Austin Energy was very prompt and efficient. Received our rebate in a very timely manner. The inspectors were very prompt and knowledgeable as to what the process entailed which was very reassuring as a customer."

"AE was prompt and efficient in finalizing this project."

Summer Bonus




Thinking Solar?

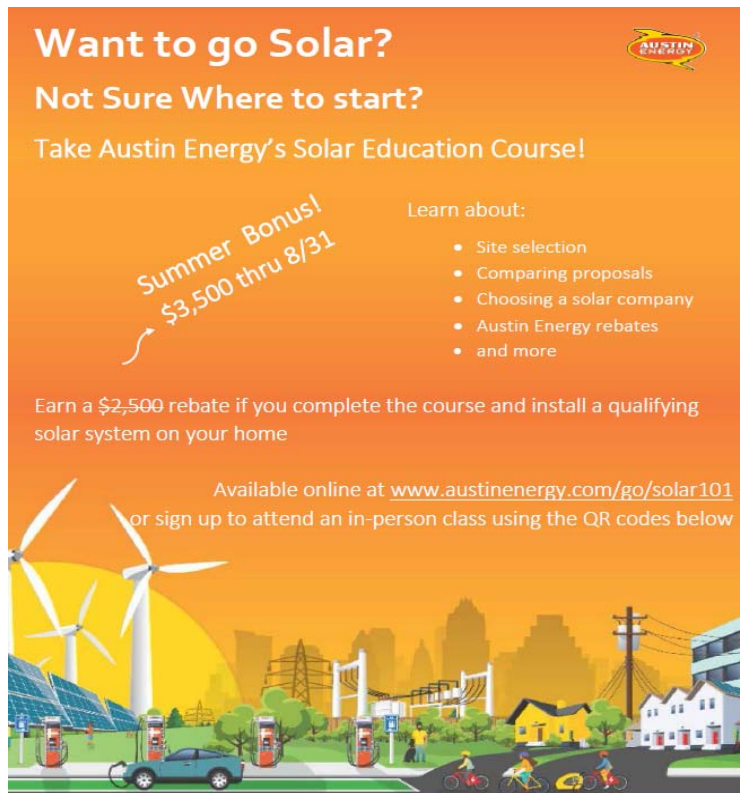
Learn
+ Install
Save

Earn a \$3,500 Rebate
now through August!

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Want to go Solar?
Not Sure Where to start?

Take Austin Energy's Solar Education Course!

Summer Bonus!
\$3,500 thru 8/31

Learn about:

- Site selection
- Comparing proposals
- Choosing a solar company
- Austin Energy rebates
- and more

Earn a \$2,500 rebate if you complete the course and install a qualifying solar system on your home

Available online at www.austinenenergy.com/go/solar101
or sign up to attend an in-person class using the QR codes below



In Person Trainings:

- Saturday June 22nd, 10am
@ St David's Episcopal
- Wednesday July 31st, 7pm
@ City Hall
- Wednesday Sept 18th, 7pm
@ All Saints Presbyterian

Summer Bonus:

- \$2,500 -> \$3,500 for single family residential
- Applications must be received by August 31



Austin Energy & Velocity Credit Union Solar Loan

- US DOE has approved expansion of AE's home energy efficiency loan offering with Velocity Credit Union to include **residential solar**
- Leverages existing Loan Loss Reserve 15:1
- Low interest rates and no platform fees
- 15 year term, \$50,000 limit
- Minimum credit score of 600; unsecured loan



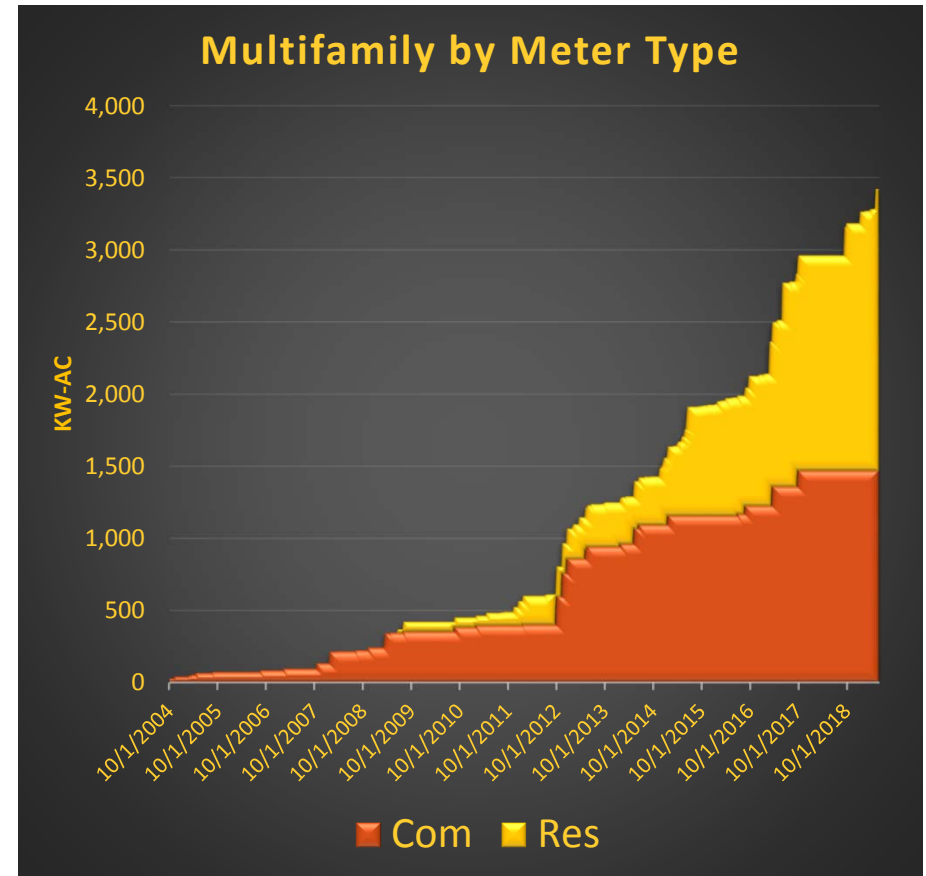
Multifamily Solar Incentives

• Multifamily Incentives/Activity

- Residential Rebates
 - 844 Units
 - 1,712 kW-ac
 - \$2.57MM Incentives
- Commercial Incentives (CBI and PBI)
 - 82 Common Areas
 - 1,472 kW-ac
 - \$2.50MM Incentives

• Summer Bonus

- \$0.40/W to \$0.60/W for market rate
- \$0.60/W to \$1/W for non-profit MFAH



Shared Solar Pilot



Cardinal Point

120 units, 200 kW-dc



Jeremiah Program

35 units, 57 kW-dc



La Vista

22 units, 97 kW-dc

What is Shared Solar?

Generation from single solar installation on a multifamily building is virtually allocated across individually metered tenants' bills.

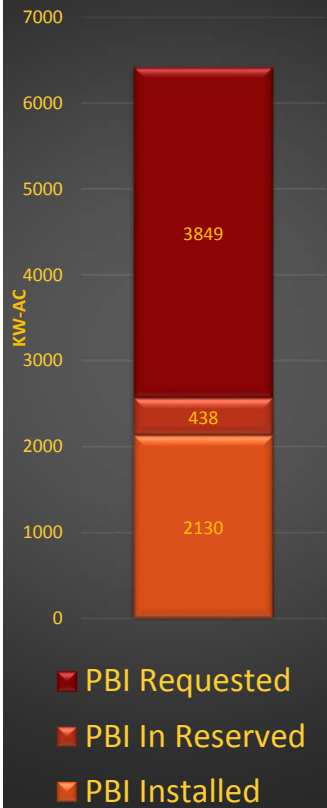


Targeted Program Rollout:

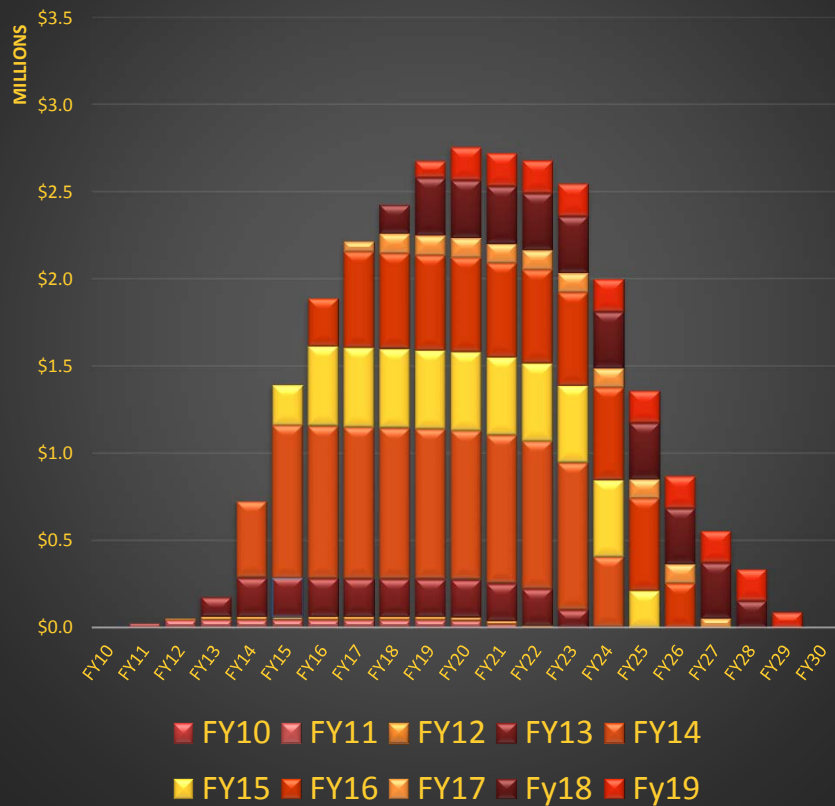
- MFAH Pilot FY19-20
- MFAH Expansion FY20
- All Multifamily FY21
- Commercial FY22

Commercial Solar Incentives

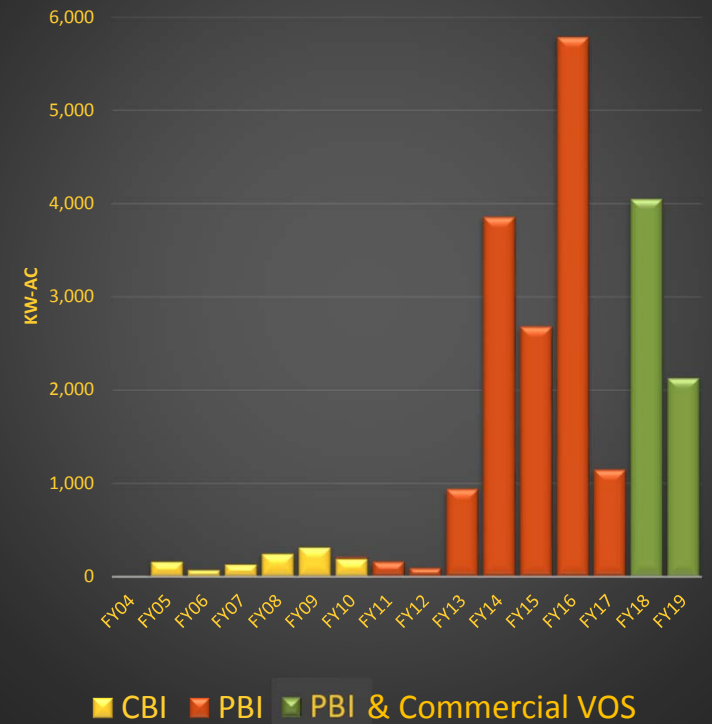
PBI Capacity FY19



PBI Exposure by Fiscal Year



Commercial Incentive Installed Capacity/FY

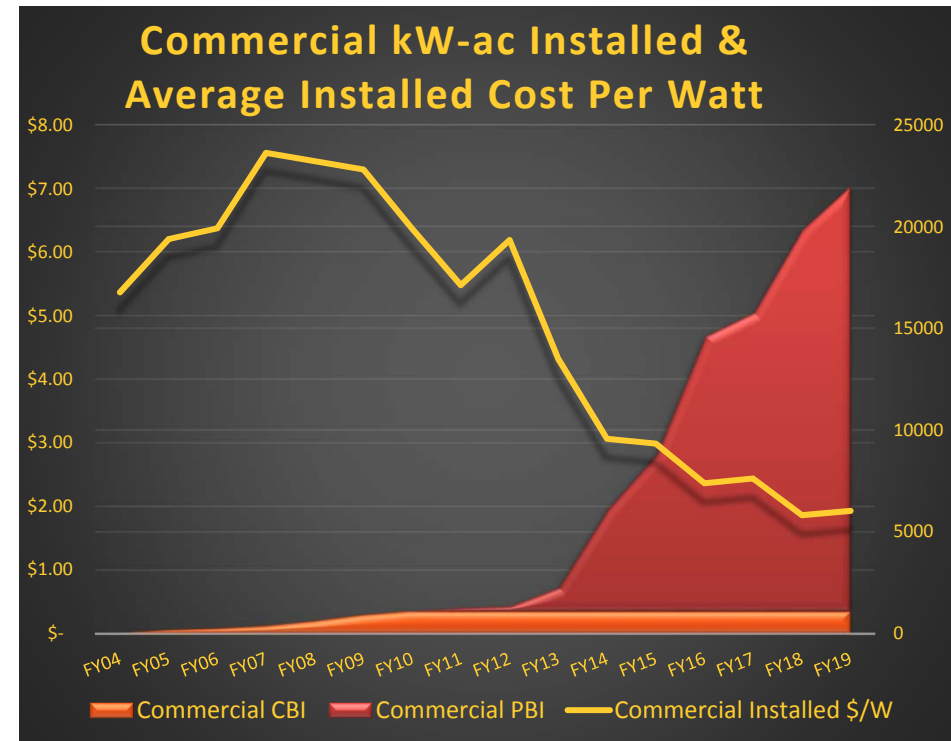
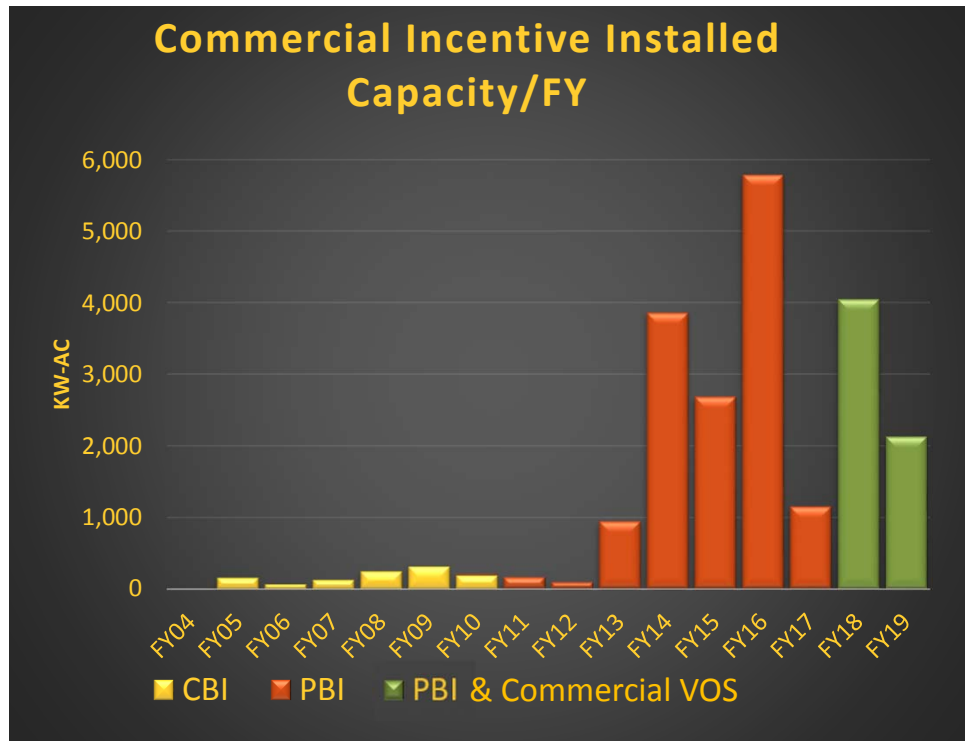


[All FY19 data through May 2019]

Commercial Solar: CVOS & Leasing

- Commercial VOS took effect Jan 2018
 - Improved project economics for all customers

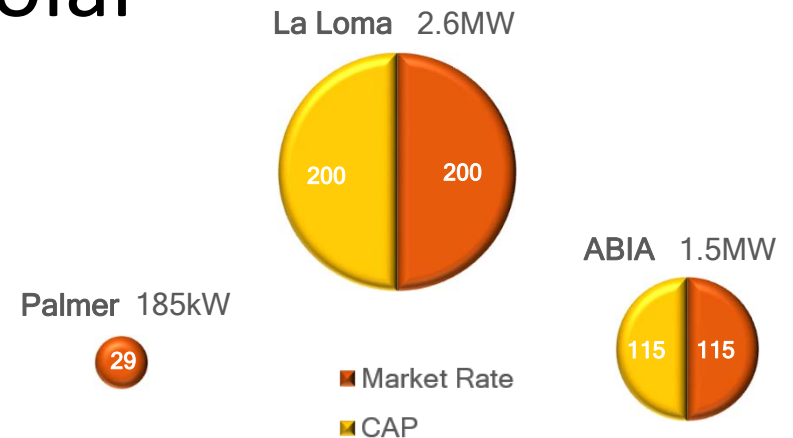
- Leasing Pilot launched Jan 2019
 - 1 project approved, 2 in development



[FY19 data thru 5/31]

Community Solar

- First Green-e® certified Community Solar program in the country!
- 100% of participants' electric use is offset by energy from local solar projects
- Community Solar Adjustment (CSA) replaces Power Supply Adjustment (PSA) on participants' bills
- Half of La Loma's capacity dedicated to Customer Assistance Program (CAP) customers at discounted rate
- RFP for 1.5 MW ABIA project issued in May, reviewing bids currently



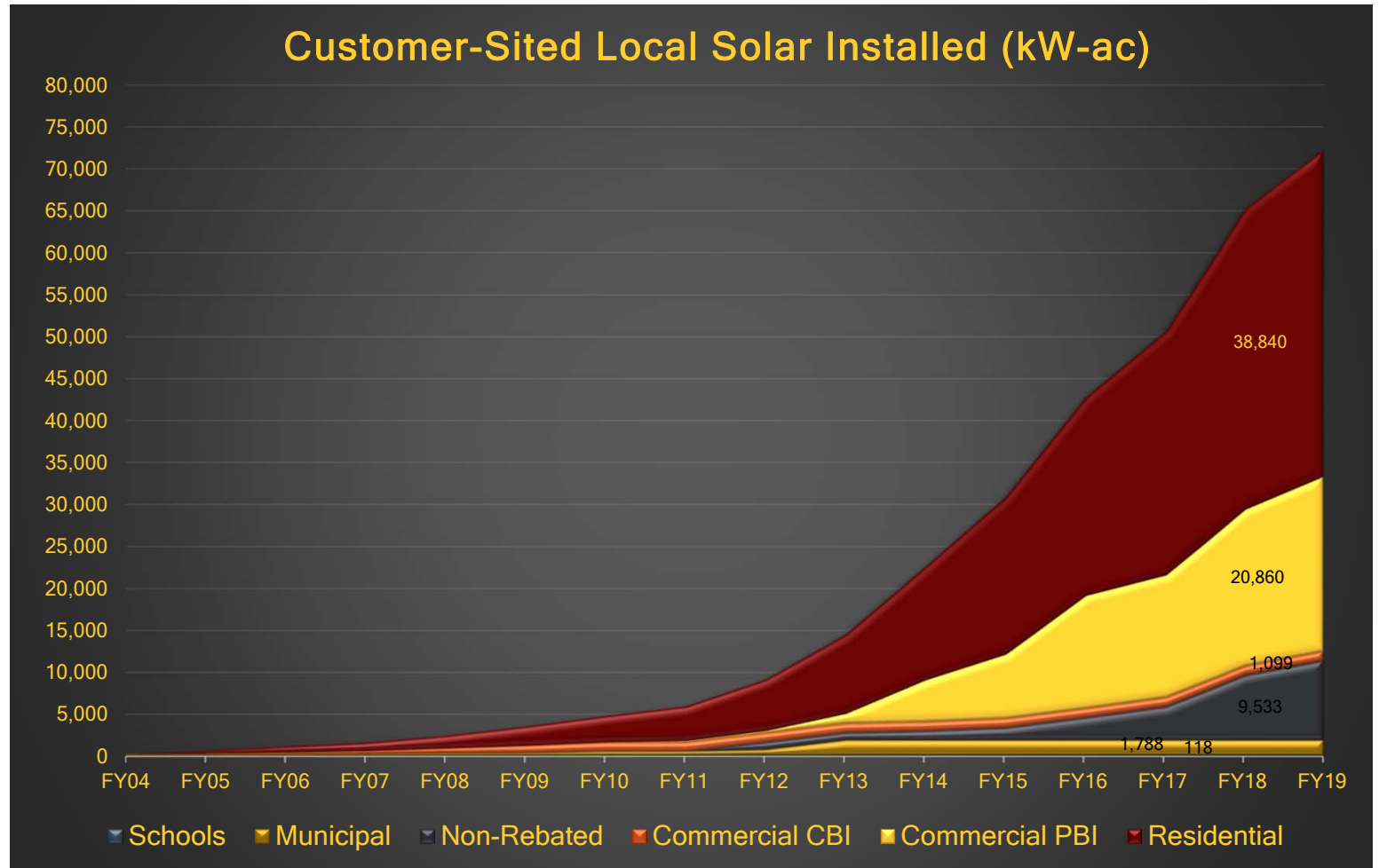
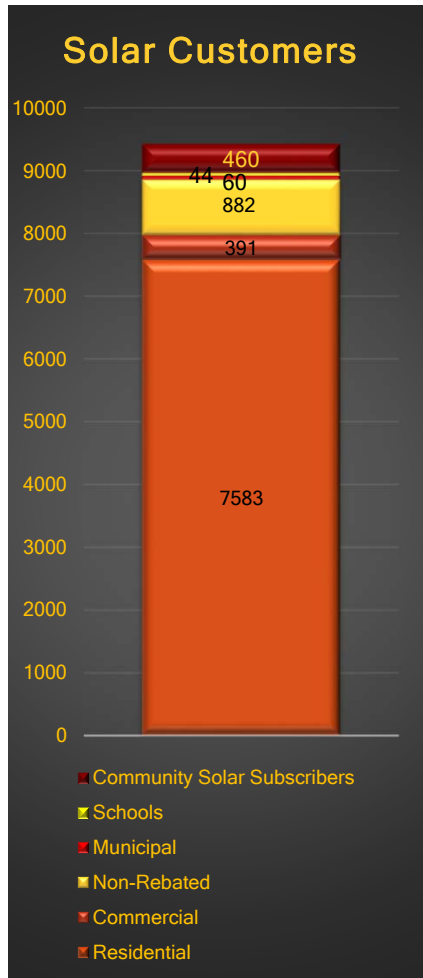
Current Program	Market-Rate	Low-Income
Capacity (MW)	1.435 MW	1.25 MW
Est. # of Participants	245	220
Community Solar Rate	\$0.0427/kWh	\$0.0277/kWh
Δ vs 2019 PSA	+\$0.0138/kWh	-\$0.0013/kWh

Community Solar in Austin



Clockwise from Top Left: Palmer Event Center, La Loma Community Solar Farm, ABIA Blue Garage Carports

Local Solar: 70 MW Customer-Sited Goal Achieved!











Utility Solar Rankings: MW Installed in 2018		
1	Pacific Gas & Electric (CA)	630.0
2	Florida Power & Light Co. (FL)	626.8
3	Southern California Edison (CA)	440.7
4	Duke Energy Progress (NC)	436.3
5	Northern States Power Minnesota (Xcel) (MN)	269.4
6	Dominion Energy North Carolina (NC)	213.1
7	Austin Energy (TX)	192.9

Austin Energy Solar Locations

May 2019 104 MW

	Commercial -	18.3 MW 336 customers
	Non-Profit -	6.7 MW 116 customers
	Residential -	45.0 MW 8852 customers
	City of Austin -	1.7 MW 51 customers
	Community Solar -	2.8 MW 391 subscribers
	Webberville Solar -	30 MW

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