



Solar Program Updates

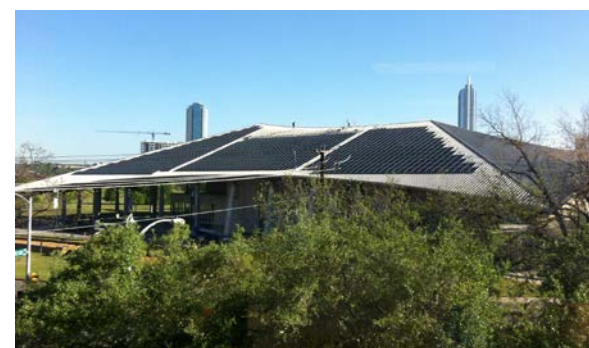
Danielle Murray, CES–Solar, 9/20/16





Community Solar Update

- Community Solar residential rate rider approved by Council
 - Community Solar Adjustment (CSA) set at \$0.0427/kWh
 - Fixed CSA replaces seasonal PSA
- Marketing materials developed Oct 2016
 - Website, online signup portal, radio spots, social media (Twitter, Facebook posts), targeted ads / mailers to key demographics (renters, avid recyclers), info at outreach events.
- Early signups Nov-March 2016
- Possible Palmer project launch Jan 2017
- Kingsbery expected completion April 2017

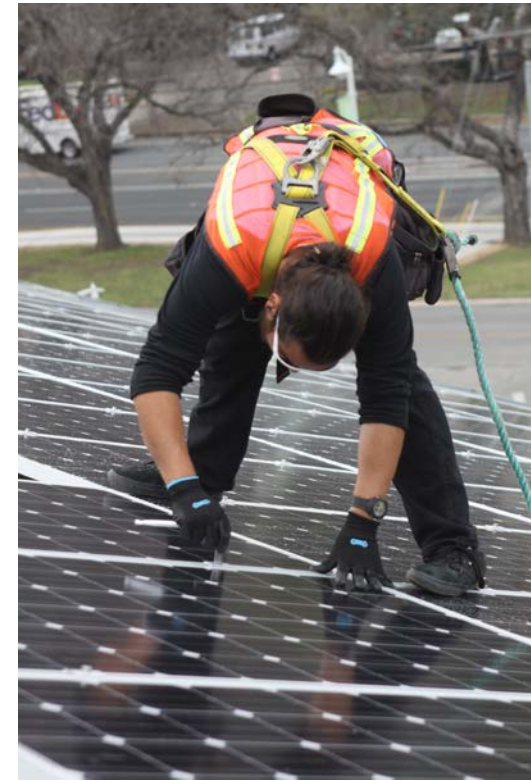




Expanding Access to Community Solar

Community Solar + Efficiency Low-Income Offering

- Enable more residents in neighborhood around Kingsbery project to take part in Community Solar program
- CAP customers receive 10% discount plus free weatherization and direct install energy efficiency upgrades
- Goal of net neutral bill impact for participants
- Timeline:
 - Sept-Oct 2016: Create outreach plan with stakeholder groups and develop outreach materials
 - Nov-Dec 2016: Early enrollment period, community outreach
 - Dec 2016 - Feb 2017: Install energy efficiency improvements
 - April 2017: Kingsbery Community Solar Project connected



Fractional Metering

- Developing metering and billing solution
- Multifamily affordable housing pilots commence Q4 FY17





Solar Rates & Incentives Review

- Per Rate Agreement, AE will review solar rates and incentive program, and provide recommendations by end February 2017.
- Review will include:
 - Rooftop solar potential assessment
 - EPRI feeder solar capacity analysis
 - Review of installed costs, incentive levels, ROIs, for different size systems and customer classes
 - Assess potential Commercial Value of Solar
 - Impact of large systems on distribution grid
 - Impact on customer demand, interaction with commercial demand rates
 - Metering requirements
 - Interaction with storage
 - Ability to incent preferred orientation, production shifting toward system peak
 - Implications for Commercial Incentives and existing PBI recipients
 - Tax and Federal Tax Credit implications for customers
 - Review of Environmental Value and REC policies



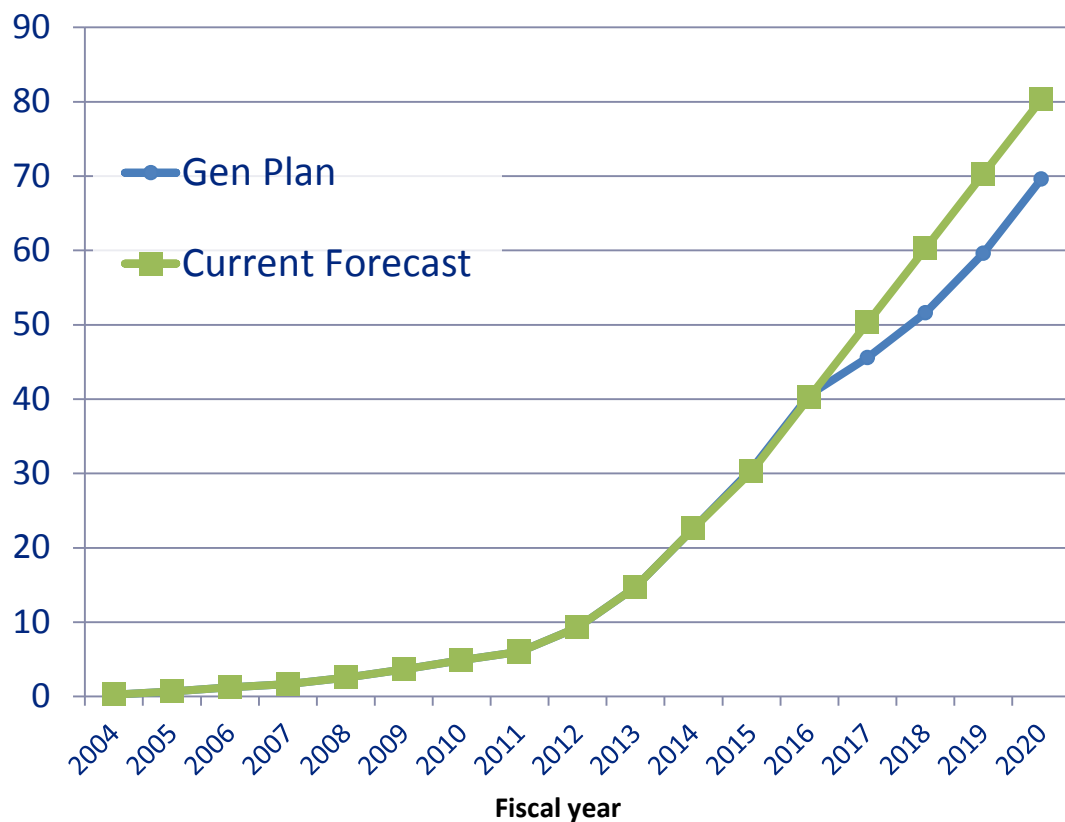
Progress Toward Local Solar Goals

Goals: 110 MW local solar by 2020 including 70 MW customer-sited, 200 MW Local Solar by 2025, including at least 100 MW customer-sited.

Cumulative Capacity Installed/Projected

FY	Customer-Sited Solar (MW)		Other Local Solar (MW)	Total Local Solar (MW-ac)
	Residential	Commercial / Other		
2004	0.0	0.2	0	0.2
2005	0.3	0.4	0	0.7
2006	0.7	0.5	0	1.2
2007	1.0	0.7	0	1.7
2008	1.6	1.0	0	2.5
2009	2.4	1.3	0	3.6
2010	3.2	1.7	0	4.9
2011	4.2	1.9	30	36
2012	6.2	3.1	30	39
2013	9.6	5.1	30	45
2014	13.6	9.0	30	53
2015	18.8	11.5	30	60
2016	23	17	30	70
2017	28	22	32	82
2018	32	28	35	95
2019	37	33	38	108
2020	43	37	40	120

Customer-Sited Local Solar Projection (MW)





Contact Us

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Thank You!