



MASSACHUSETTS SREC UPDATE

DECEMBER 11, 2014

SPEAKERS



Steven Eisenberg

CEO



Alex Sheets

Vice President

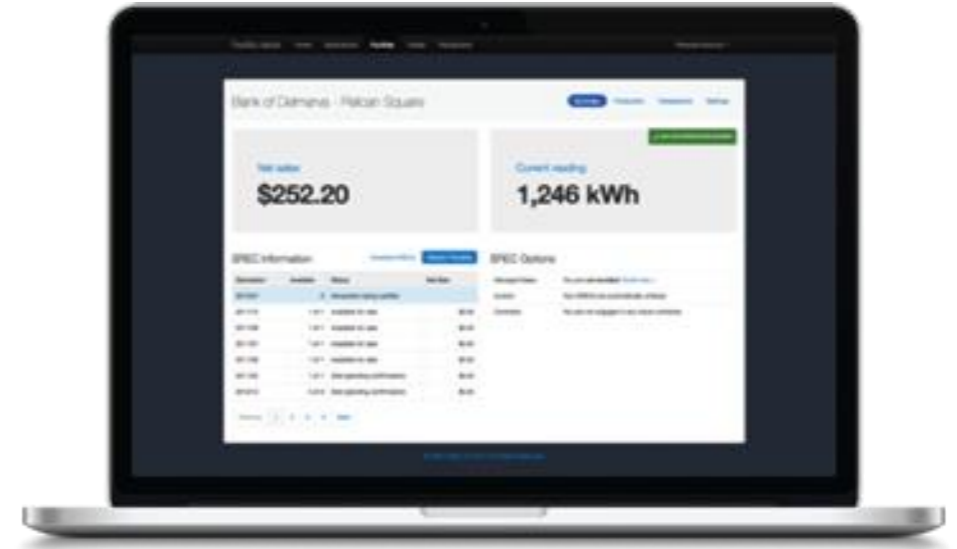
AGENDA

- Company Overview
- SREC-II Program Overview
- SREC-I and SREC-II Capacity and Supply
- SREC-I and SREC-II Pricing
- Solar Task Force Update
- Q&A

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TRANSACTION & MANAGEMENT PLATFORM

- **Since 2008**
- **140+ MW under management**
- **10,000+ facilities under management**
- **100% SREC focused**
- **Brokerage model**



CLIENTS



CORPORATE

Electricity suppliers and institutional clients with systems above 250 kW



RESIDENTIAL & SMALL COMMERCIAL

Home owners and commercial systems smaller than 250 kW



INSTALLERS & DEVELOPERS

Turn-key SREC solutions for solar installers and developers

PRODUCTS & SERVICES

BROKERAGE

Spot transactions

Structured forward solutions

Monthly spot auctions

SOFTWARE

Onboarding with regulators &
registries

Tracking production & SRECs issued

Executing & settling SREC
transactions

SREC-II PROGRAM OVERVIEW

Features	SREC-II
Program start	April 25, 2014
Adjustable Minimum Standard	Yes
Decreasing ACP Rate Schedule	Yes
SCCA Opt-in Schedule	Yes, 40 quarters from qualification date
Decreasing SCCA Price	Starts at \$285/SREC and decreases over time
Program Cap	1,600 MW less final SREC-I qualified capacity
Market Sectors	Yes
SREC Factors	Yes
Project Size Maximum	Yes, 6 MW DC

MARKET SECTORS

	Market Sector	Factor
A	<ol style="list-style-type: none">1. Generation Units with a capacity of ≤ 25 kW DC2. Solar Canopy Generation Units3. Emergency Power Generation Units4. Community Shared Solar Generation Units5. Low or Moderate Income Housing Generation Units	1.0
B	<ol style="list-style-type: none">1. Building Mounted Generation Units2. Ground mounted Generation Units with a capacity > 25 kW DC with 67% or more of the electric output on an annual basis used by an on-site load	0.9
C	<ol style="list-style-type: none">1. Generation Units sited on Eligible Landfills2. Generation Units sited on Brownfields3. Ground mounted Generation Units with a capacity of ≤ 650 kW with less than 67% of the electrical output on an annual basis used by an on-site load.	0.8
MG	Unit that does not meet the criteria of Market Sector A, B, or C.	0.7

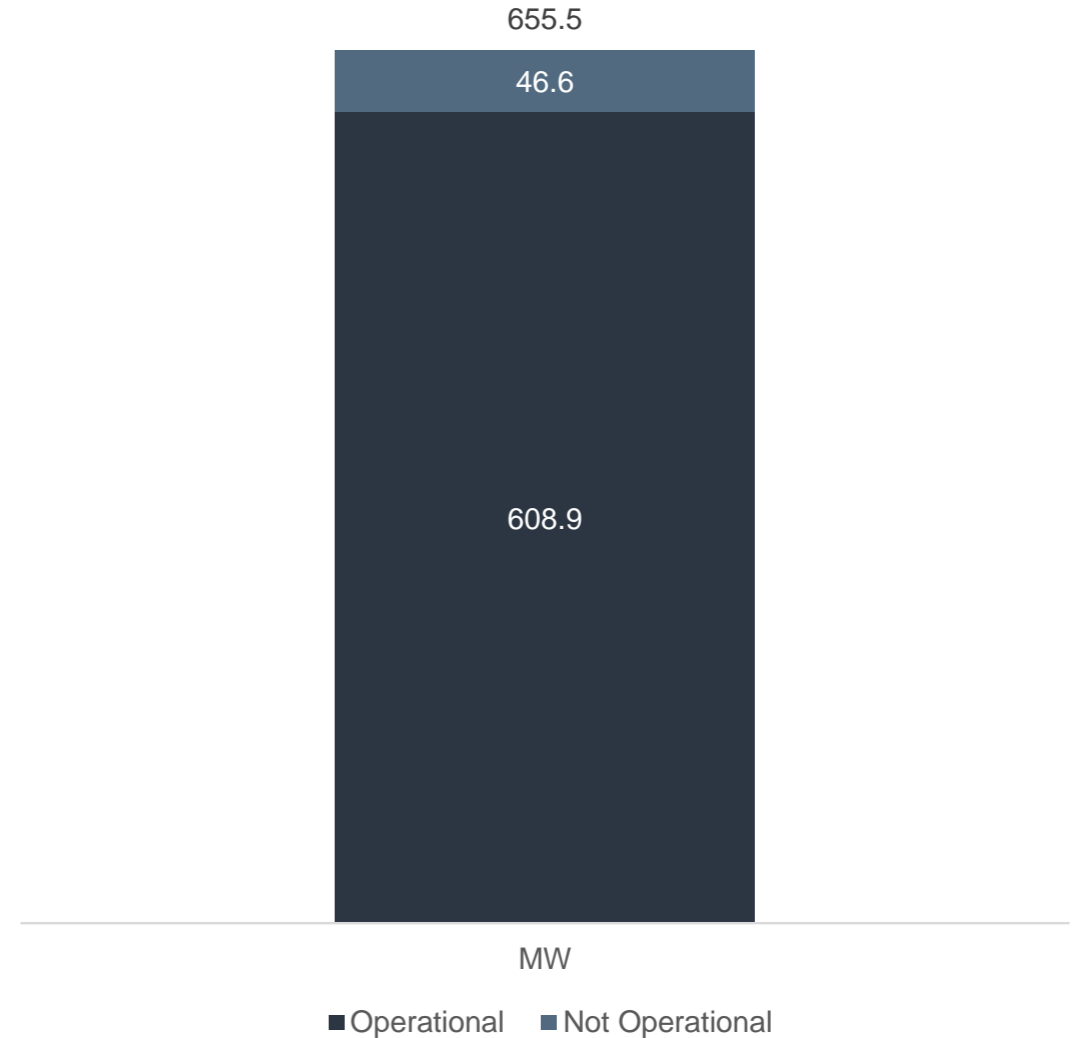
SACP AND SCCA SCHEDULES

Year	Auction Price <u>Bid</u>	Auction Price <u>After 5% Fee</u>	ACP Rate
2014	300	285	375
2015	300	285	375
2016	300	285	350
2017	285	271	350
2018	271	257	350
2019	257	244	333
2020	244	232	316
2021	232	221	300
2022	221	210	285
2023	210	199	271
2024	199	189	257
2025+	Values announced by DOER each year to maintain 10-year forward schedule.		

SREC-I CAPACITY

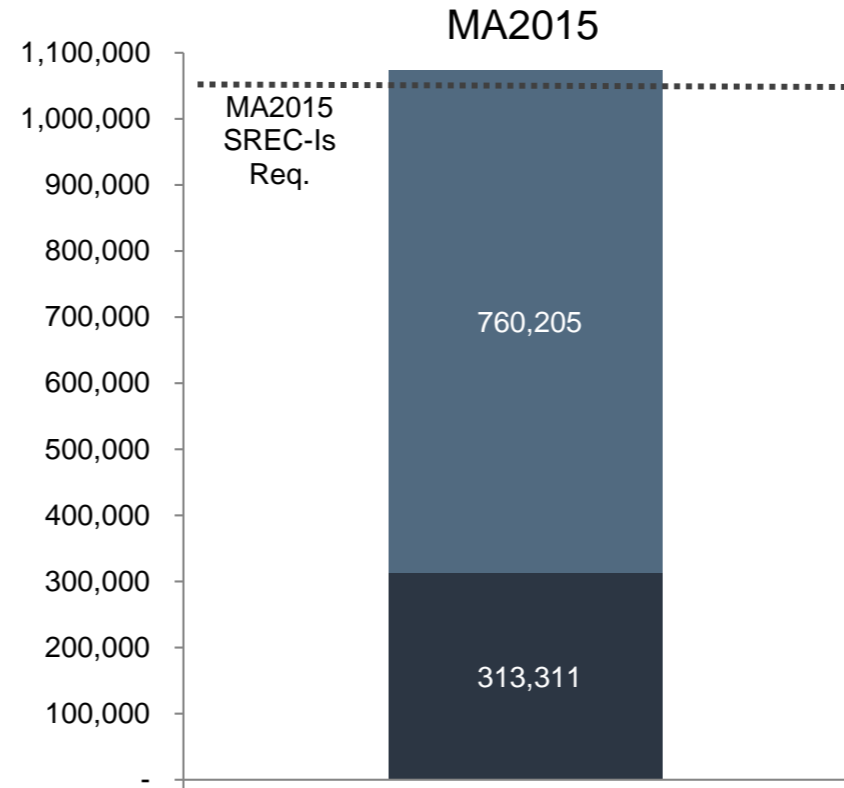
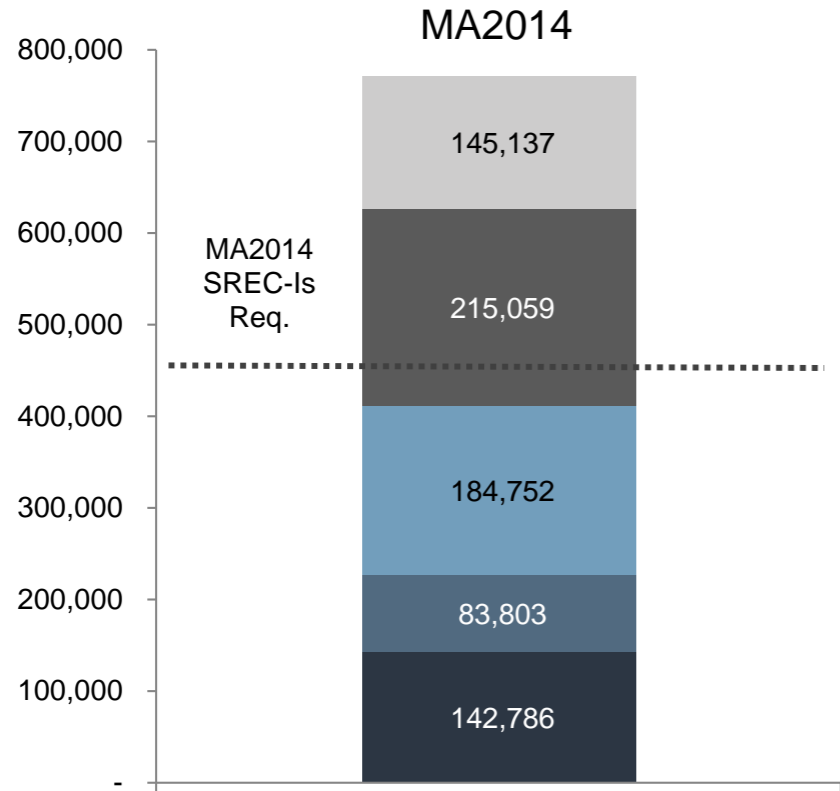
As of December 9, 2014

- 655.5 MW and 11,787 Projects Qualified
- 608.9 MW and 11,758 Projects Operational
- 46.6 MW and 29 Projects Not Operational



SREC-I SUPPLY – SCENARIO 1

Assuming all 2013 reminted and 2014 SRECs go towards 2014 compliance



2014 Oversupply =

~310,000

2015 Oversupply =

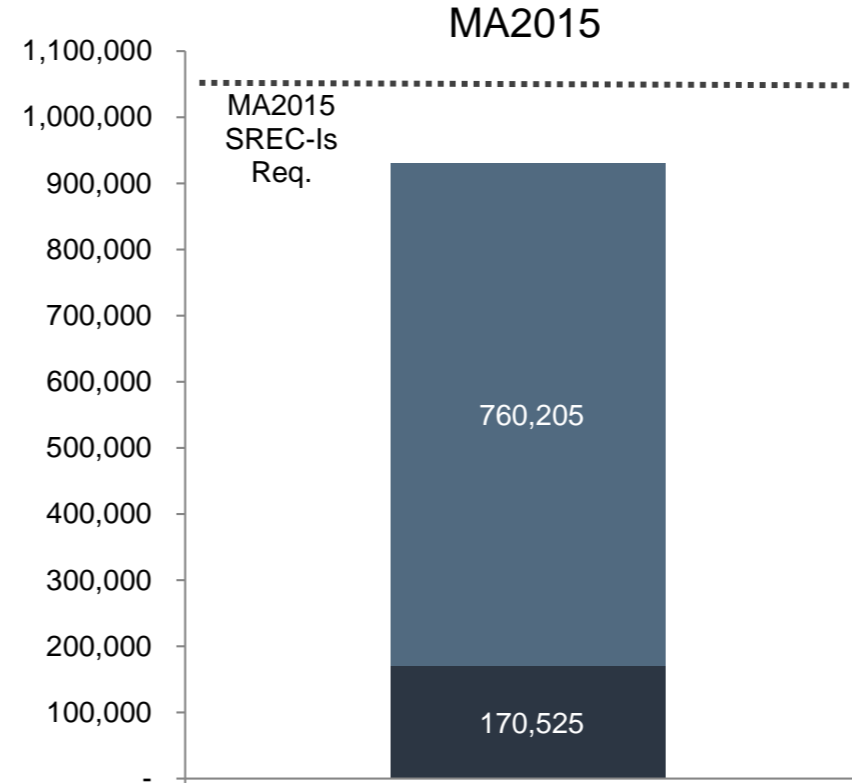
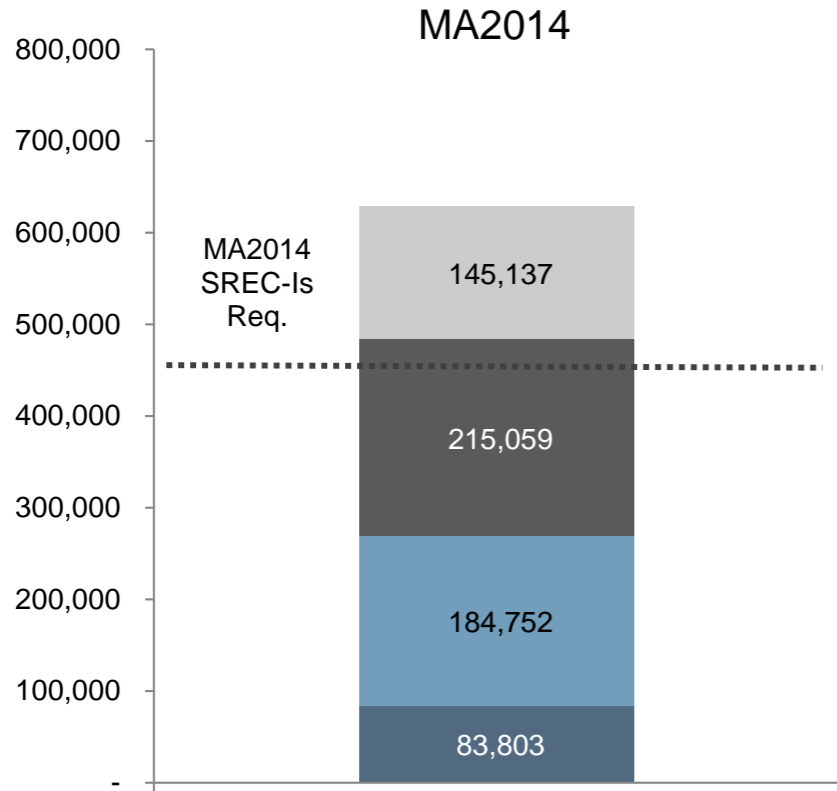
~40,000

- MA2013 Reminted
- Q1 2014 SRECs Issued
- Q2 2014 SRECs Issued
- Q3 2014 PTS MWh
- Q4 2014 Estimate

- MA2014 Purchased or Reminted
- 2015 SREC Forecast

SREC-I SUPPLY – SCENARIO 2

2013 reminted volumes not used towards 2014, but 2015 or 2016



2014 Oversupply =

~170,000

2015 Undersupply =

~100,000

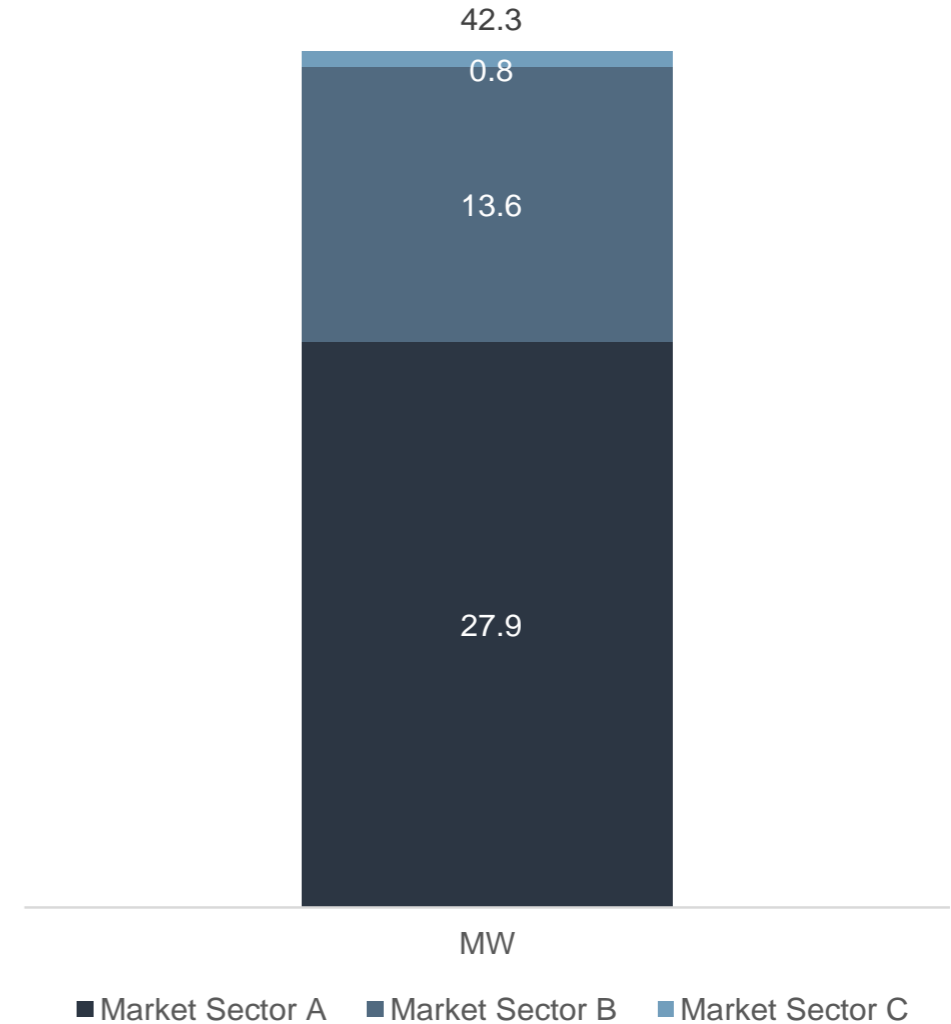
- MA2013 Reminted
- Q1 2014 SRECs Issued
- Q2 2014 SRECs Issued
- Q3 2014 PTS MWh
- Q4 2014 Estimate

- MA2014 Purchased or Reminted
- 2015 SREC Forecast

SREC-II CAPACITY

As of December 9, 2014

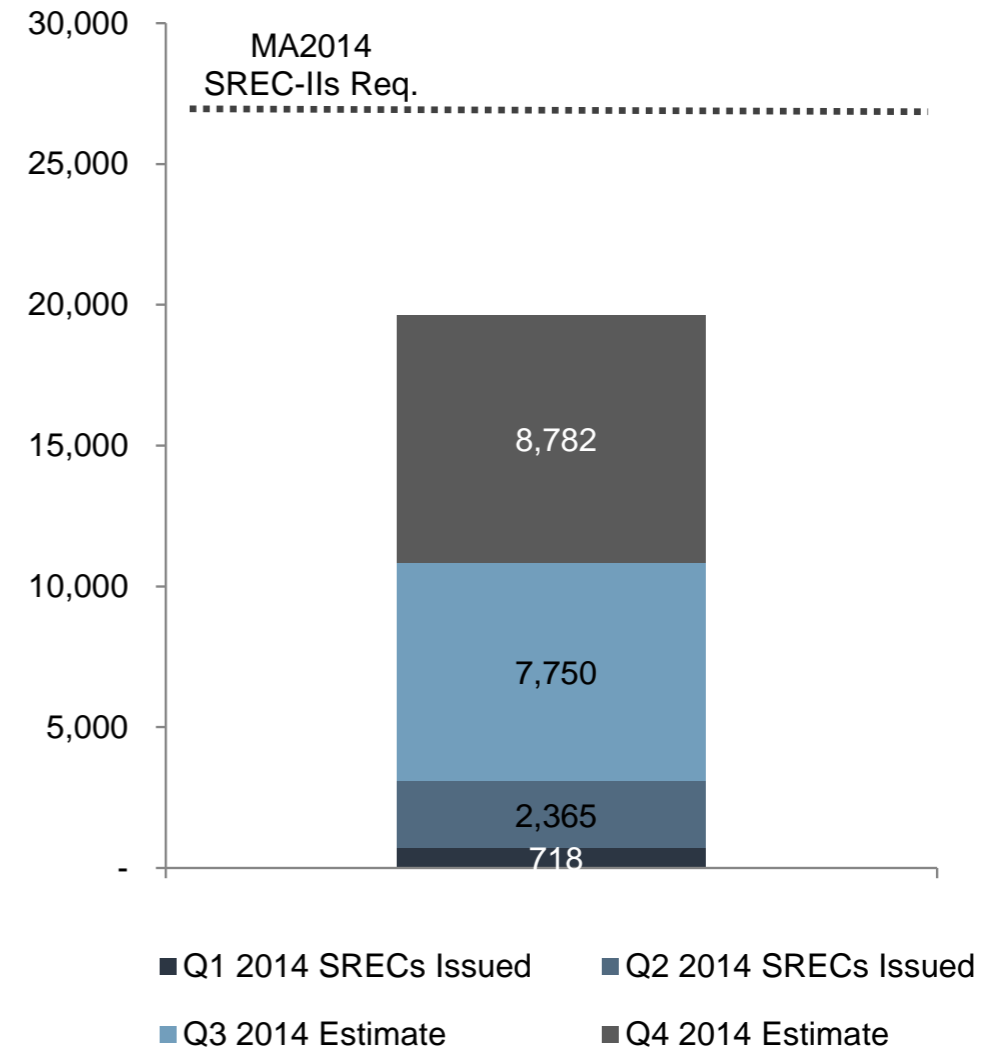
- 180.2 MW and 4,216 Projects Qualified
- 42.3 MW and 4,134 Projects Operational
- 137.9 MW and 82 Projects Not Operational



SREC-II SUPPLY - 2014

In December 2014, DOER announced:

- Revised compliance for 2014 & 2015
- 2014 = 26,642 SRECs
 - Down 35% from 41,279
- 2015 = 131,007 SRECs
 - Down 19% from 161,958
- Managed Growth projects will not be granted extensions for weather delay



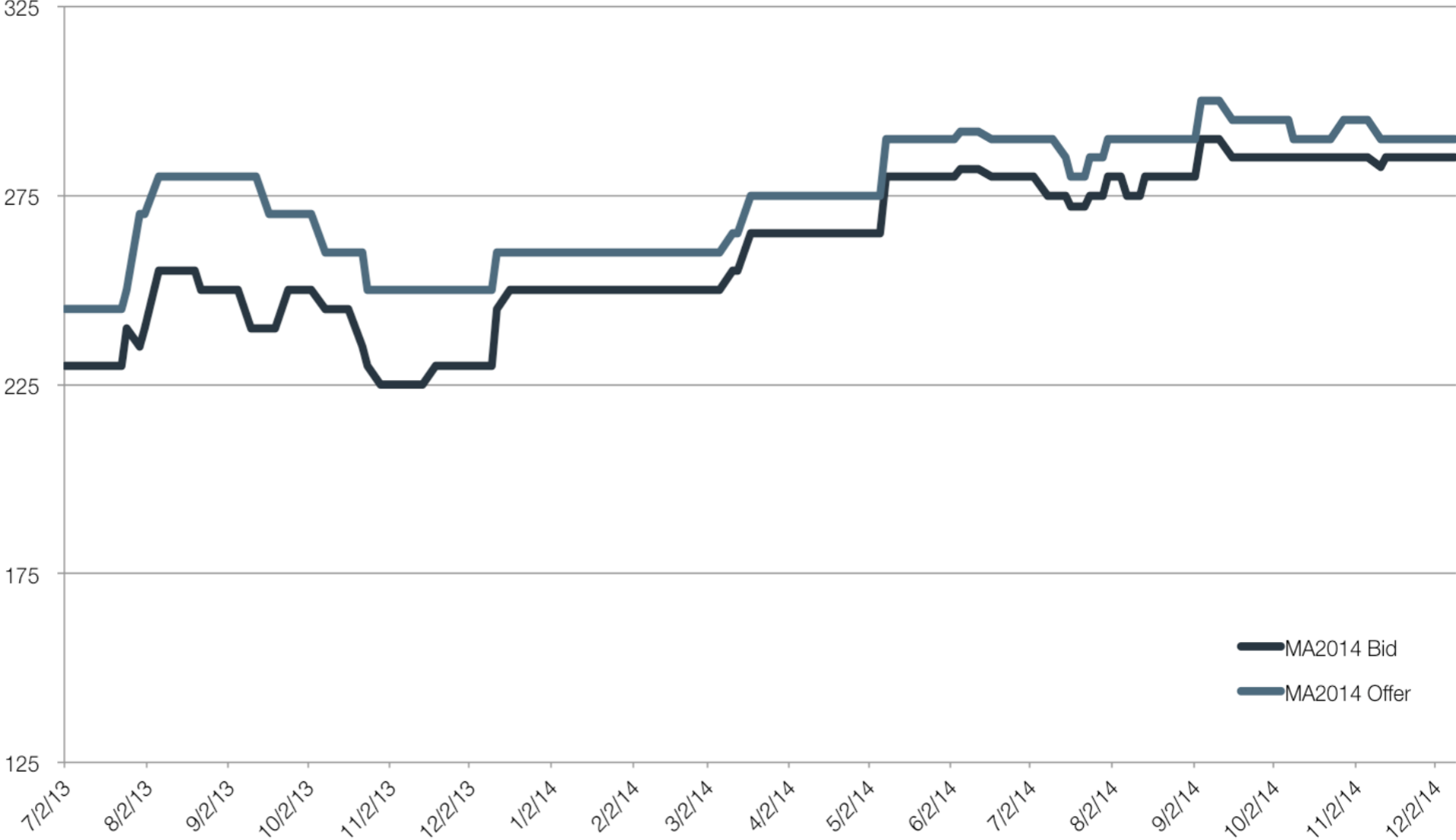
SREC-II SUPPLY - 2015

2015 Compliance Obligation = 131,007 SRECs

- Current capacity can produce ~47,000 MA2015 SREC-IIs
- At recent monthly build, Sectors A-C will produce ~79,000
- With A, B, and C at 10 MW/month (4 MW, 3 MW, & 3 MW) in 2015, almost 110,000 SRECs would be issued
- Greater per month build rates and the roll out of managed growth will lead to larger issuance figures
- No managed growth projects are operational yet

SREC-I PRICING: 2014 MARKET

MA14: 285 @ 290

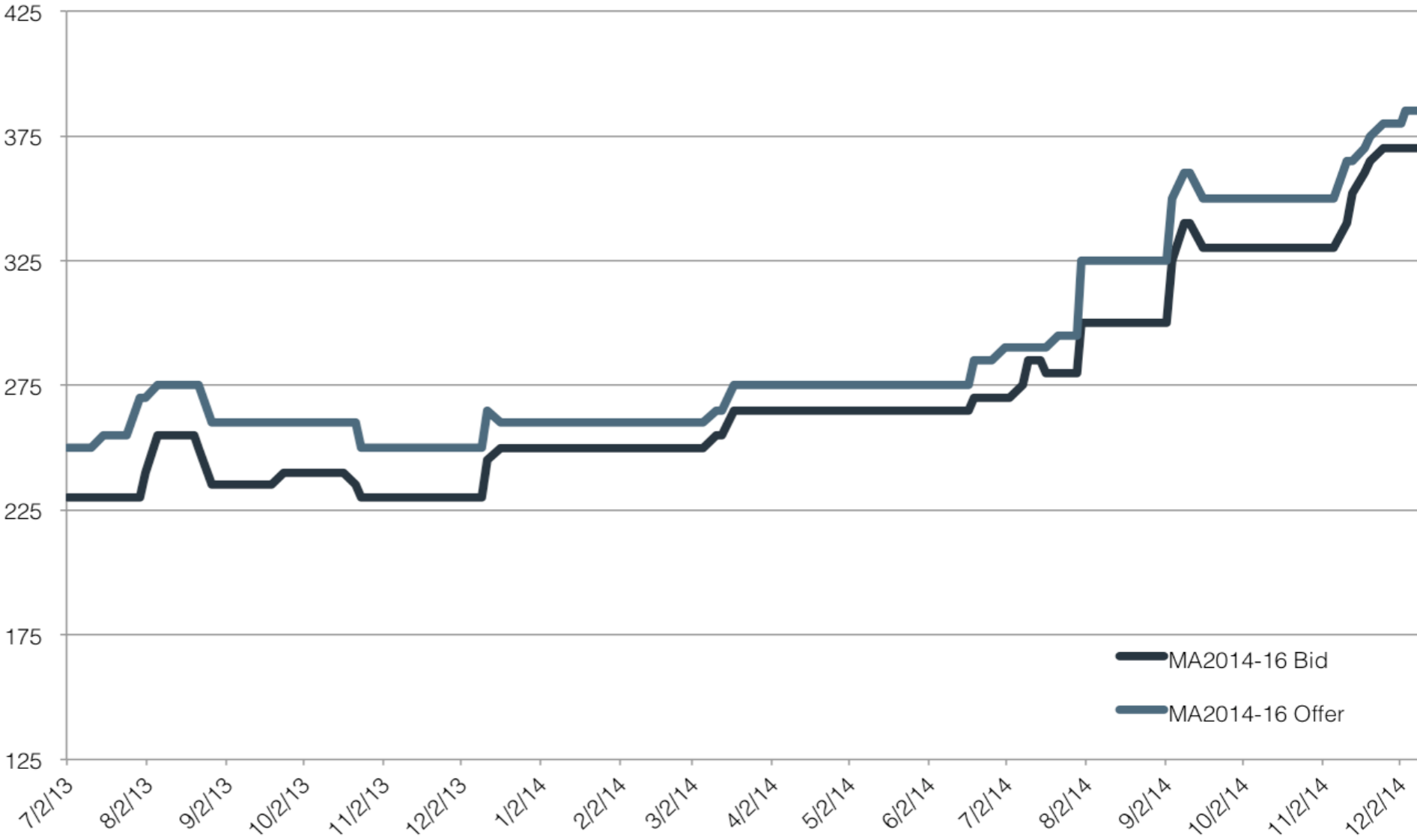


SREC-I PRICING: 3 YEAR FORWARD MARKET

MA15: 420 @ 435

MA16: 410 @ 420

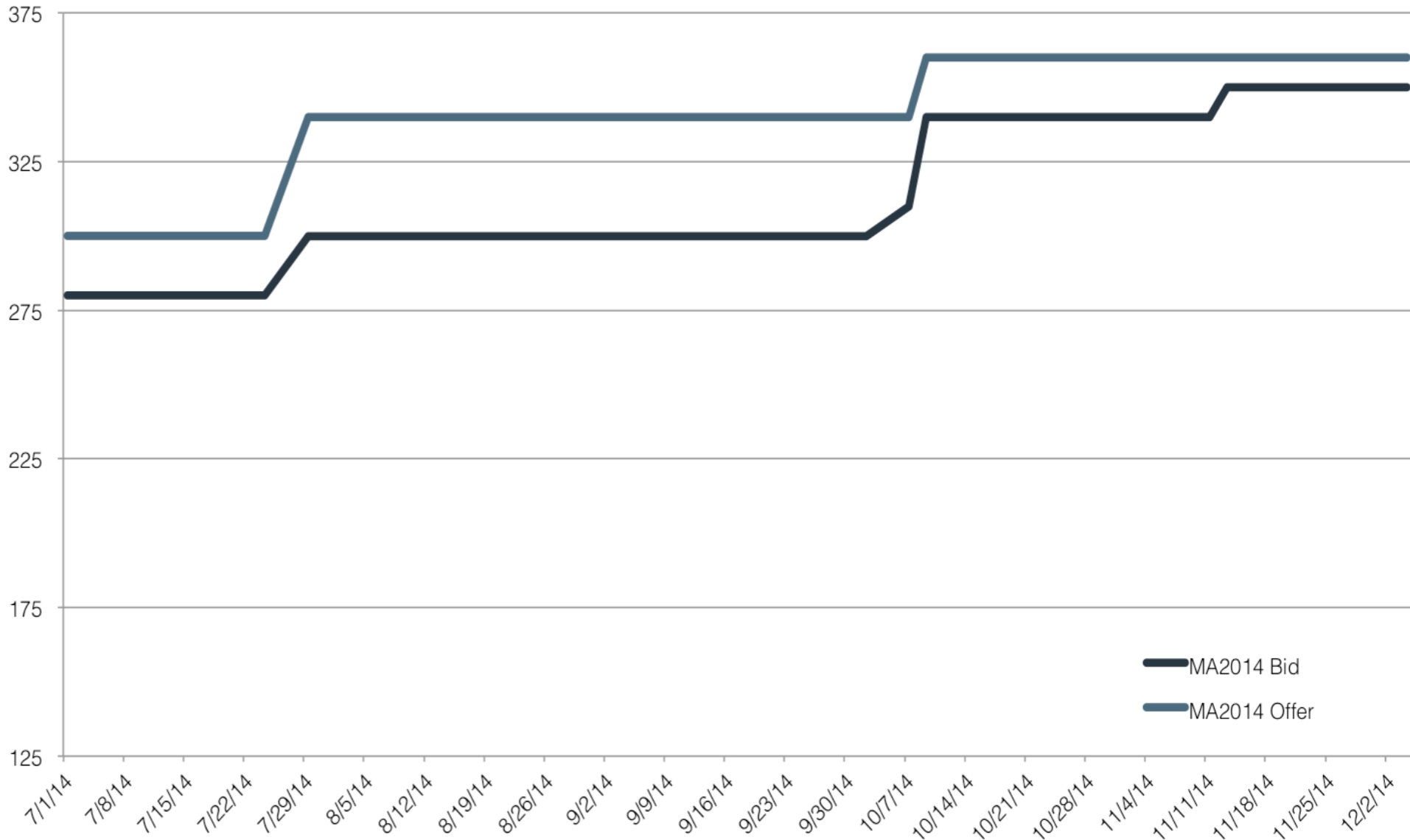
MA17: 290 @ 305



SREC-II PRICING

MA14: 350 @ 360

MA15: 275 @ 315



POLICY UPDATE – TASK FORCE

- First meeting occurred November 13
 - Ground Rules, Framework Document, Scope of work for consultant
- Second meeting to occur December 15
 - Consultant presentation
- End-goal: Draft report + Comments, Draft report + Comments, Final report by March



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