Clean Energy COLLECTIVE®

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Community Solar
RFTA Meter Allocation Review
June 2015 Thru December 2015

COLORADO COMPANIES TO WATCH
2012 Award Winner

U.S. DEPARTMENT OF ENERGY
National Innovative Green Power Program of the Year

SEIA Solar Energy Industries Association®

2012 National Photovoltaic Project of Distinction Award

SEPA solar electric power association

CLIMATE CHANGE BUSINESS JOURNAL • EBI Inc. • CLIMATE CHANGE BUSINESS JOURNAL • CCBJ AWARD WINNER
2011 BUSINESS ACHIEVEMENT AWARD WINNER

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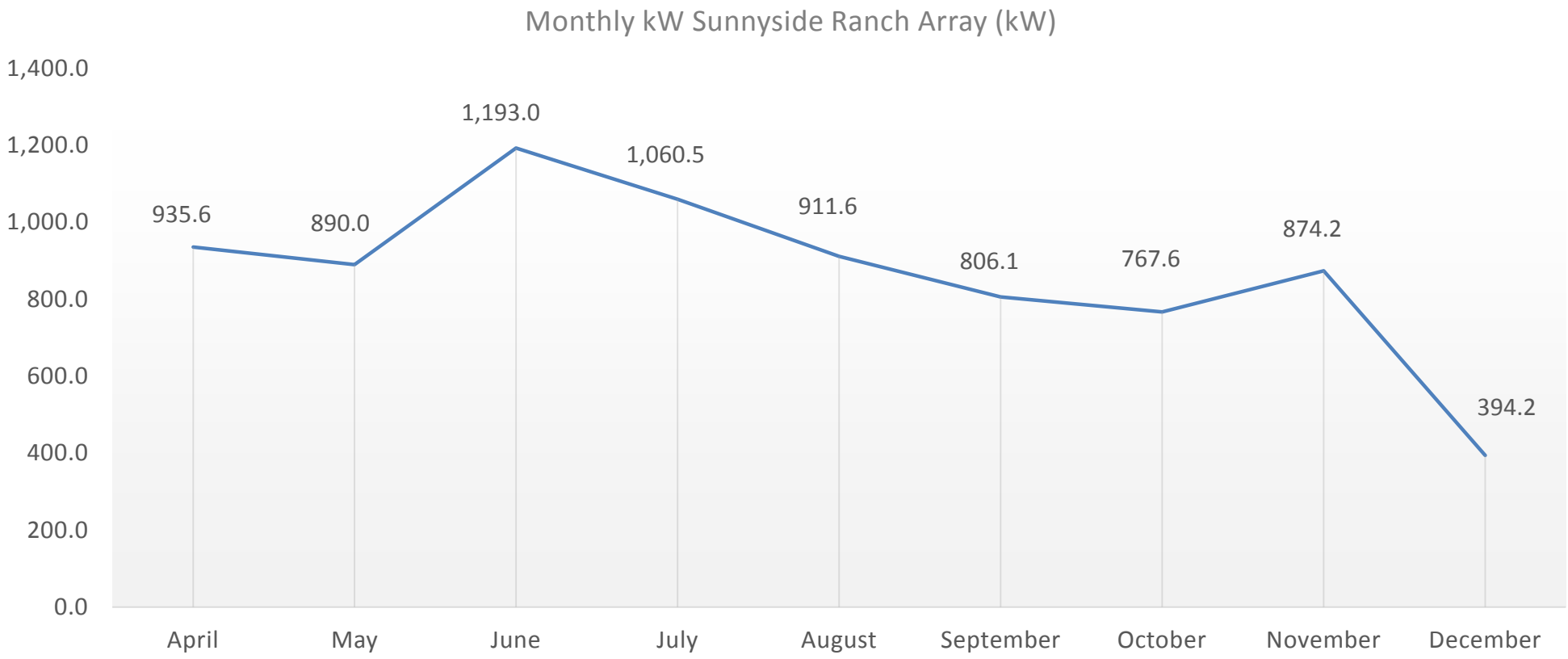
Monthly Solar Array Production



- Average solar production trends thru November 2015
- December production drops due to weather, snow loads between December 14th and December 18th are above average

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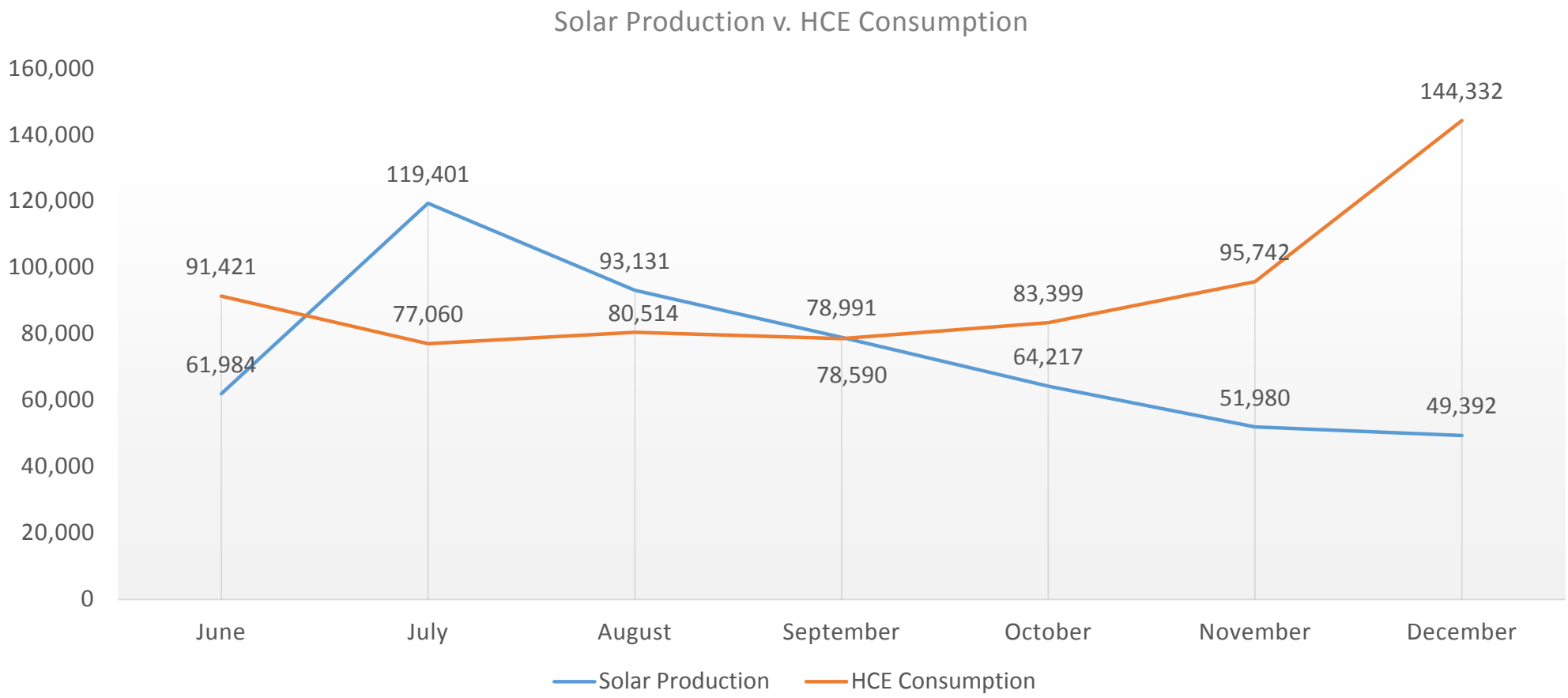
Solar Production v. Actual HCE Usage



- Through the initial 7 month production period RFTA has offset 80% of their HCE electrical power usage with solar over specific meters

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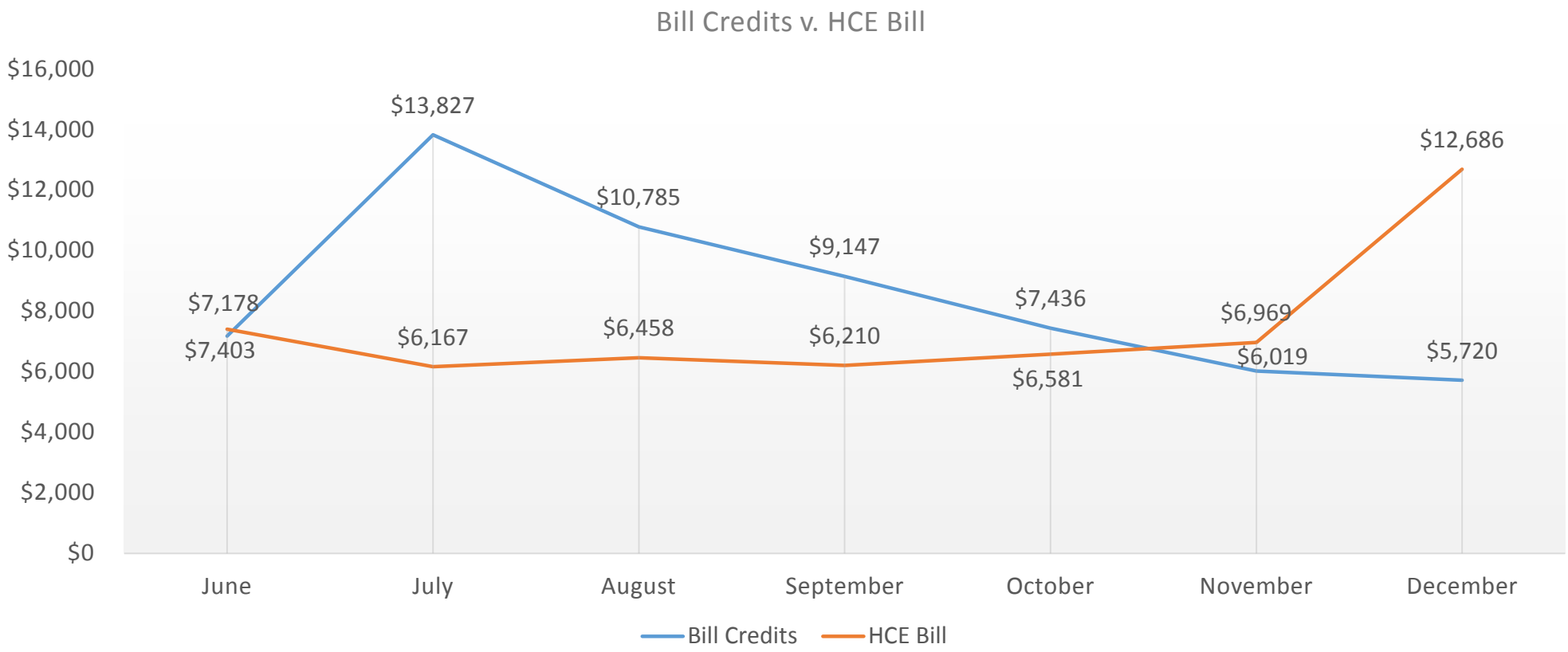
Bill Credits v. Actual HCE Bill



- The initial 7 month period has resulted in a reduction of HCE bills by 115%
  - CEC suggests rebalancing the RFTA meter portfolio to allow monthly usage of total credits earned, reducing excess credits carried over to subsequent months

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7 Month Totals - Meter Summary

June - December 2015							
Address	**System Size (kW)**	**7 Month Solar Generation (kWh)**	**Total HCE Usage (kWh)**	**Running Solar Offset %**	**Solar Credit Amount**	**Total HCE Bill ($)**	**Excess Credit (-)/HCE Bill**
AMF/Pitkin County Bus Barn	313.54	321,117	532,800	60%	-$37,185	$40,391	$3,206
Brush Creek BRT Station	85.36	87,354	10,165	859%	-$10,116	$1,036	-$9,079
AABC BRT Upvalley/37644 Highway 82	24.44	25,011	18,035	139%	-$2,896	$1,724	-$1,172
AABC BRT Downvalley/37645 Highway 82	19.74	20,201	5,387	375%	-$2,339	$579	-$1,760
El Jebel BRT Upvalley	11.75	12,025	18,128	66%	-$1,392	$1,794	$401
Basalt BRT Upvalley	11.99	12,265	14,558	84%	-$1,420	$1,412	-$8
Buttermilk BRT Upvalley	8.93	9,139	15,238	60%	-$1,058	$1,511	$453
Willits BRT Upvalley/19722 Hwy. 82	8.93	9,139	9,473	96%	-$1,058	$980	-$78
Buttermilk BRT Downvalley	5.88	6,012	5,371	112%	-$696	$576	-$120
Basalt BRT Park-n-Ride #1 Lights	4.94	5,050	6,984	72%	-$585	$737	$152
Basalt BRT Downvalley	4.94	5,050	7,270	69%	-$585	$762	$177
El Jebel BRT Downvalley	2.82	2,886	4,044	71%	-$334	$468	$134
Willits BRT Downvalley/19100 Hwy. 82	2.82	2,886	2,390	121%	-$334	$311	-$24
Aspen Junction Park-n-Ride	0.94	962	1,215	79%	-$111	$192	$81
Total	506.995	519,096	651,058	80%	-60,111	$52,473	-$7,638

CEC suggests changes made to:

- Brush Creek BRT Station/AABC BRT Downvalley – Reducing capacity on these locations will help offset bill credits on other meters outlined .

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Meter Adjustment

Address	System Size (kW)	7 Month Solar Generation (kWh)	Total HCE Usage (kWh)	*Running Solar Offset %	Solar Credit Amount	Total HCE Bill ($)	% Bill Credit offset
AMF/Pitkin County Bus Barn	403.46	413,183	532,800	78%	-$47,842	$45,653	105%
Brush Creek BRT Station	8.595	8,796	10,165	87%	-$1,019	$1,235	82%
AABC BRT Downvalley/37645 Highway 82	6.58	6,734	5,387	125%	-$779	$652	120%

- Moved 76.76kW from Brush Creek Station to Pitkin County Bus Barn
  - Reducing Brush Creek Capacity to 8.595kW
- Moved 13.16kW from AABC BRT Downvalley to Pitkin County Bus Barn
  - Reducing AABC Downvalley to 6.58kW
- Pitkin County Bus Barn has a 403.46kW system assigned after the change
- Change went in effect as of January Statements

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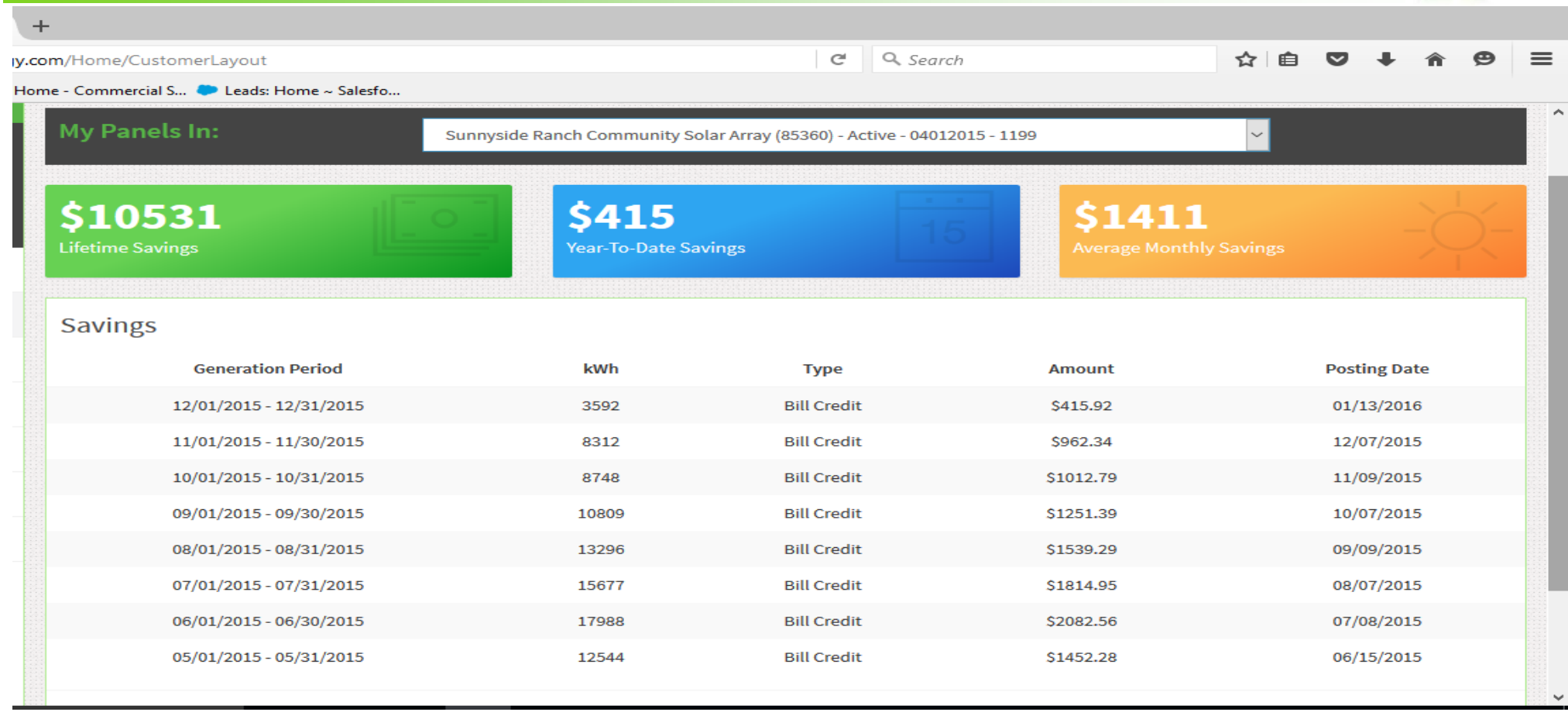
New MyOwnCleanEnergy.com



Generation Period	kWh	Type	Amount	Posting Date
12/01/2015 - 12/31/2015	3592	Bill Credit	$415.92	01/13/2016
11/01/2015 - 11/30/2015	8312	Bill Credit	$962.34	12/07/2015
10/01/2015 - 10/31/2015	8748	Bill Credit	$1012.79	11/09/2015
09/01/2015 - 09/30/2015	10809	Bill Credit	$1251.39	10/07/2015
08/01/2015 - 08/31/2015	13296	Bill Credit	$1539.29	09/09/2015
07/01/2015 - 07/31/2015	15677	Bill Credit	$1814.95	08/07/2015
06/01/2015 - 06/30/2015	17988	Bill Credit	$2082.56	07/08/2015
05/01/2015 - 05/31/2015	12544	Bill Credit	$1452.28	06/15/2015

- Currently working on building a new www.MyOwnCleanEnergy.com webpage
  - Will create easier reporting for each premise
- Expected launch Q1 2016

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Summary

- Currently offsetting 80% of usage with solar with assigned meters
- Currently offsetting 115% bills with on-bill credits
  - Adjusting meters will evenly distribute solar credits across meters reducing any monthly overage
- Better meter visibility with new www.MyOwnCleanEnergy.com

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