



Utah Solar Incentive Program

2014 Annual Report

Executive Summary

In Docket No. 11-035-104, Rocky Mountain Power (“Company”) received approval to offer an expanded Solar Photovoltaic Incentive program. On August 10, 2012, Rocky Mountain Power filed an Application for Approval with the Public Service Commission of Utah (“Commission”) requesting authority to implement a Solar Incentive Pilot program (“Program”), which was approved by the Commission on October 1, 2012. In the initial order approving the Program, the Commission directed the Company to provide annual reports on the Program containing information on the number of applications, the number and size of completed projects, generation data for large systems, and the number, if any, of surrendered deposits. This is the first report provided pursuant to the Commission’s direction and presents information on the program results through May 20, 2014. Due to the structure of the program, this report will not provide all of the information requested by the Commission. The report instead will focus on the results from the 2013 Capacity Reservation period held in January 2013.

Goals of the Program

The intent of this Program is to encourage the development of 60 Megawatts of distributed solar generation capacity over the 5+ years of the program. In order to accomplish this, Rocky Mountain Power will provide a rebate style incentive to customers who install distributed solar generation facilities after being accepted into the program.

Key Dates, Data and Activities for 2013 Program

- Applications were accepted for two weeks beginning January 15, 2013 and concluding January 28, 2013. A lottery was conducted to assign queue position for all applications. Customers were then notified of acceptance into the program in order of queue position.
- 2013 Program capacity: Residential: 500 kW; Small Non-Residential 3 MW; Large Non-Residential 3 MW.
- The 2013 Program employed a waiting list. Applicants on this list were offered capacity in the program if a previously approved applicant did not pay the reservation deposit, withdrew or canceled their project. As such, participant numbers fluctuate throughout the year as accepted projects are removed from the program, and reservations are offered to other customers on the waiting list.
- The percentage of projects that failed to pay the deposit in the Small Non-Residential program sector was unexpectedly high. In that program sector, all projects on the waiting list from the January capacity reservation period were offered capacity and there was still significant available capacity. In order to fill this program sector, Rocky Mountain Power reopened the application process on May 8, 2013 to accept projects on a first come, first served basis. Within 40 minutes, the Company received applications sufficient to fill the remaining capacity and develop a small waiting list.

Summary of 2013 Results as of May 20, 2014

The following tables summarize the results from the 2013 program year for the Utah Solar Incentive Program. The results suggest that there was significant interest in the program, with 1,359 total applications submitted during the two week enrollment window. This is especially true in the Residential program sector, where 1,040 applications with a total capacity of 4,192 kW were submitted to participate in the 500 kW program. However, these results are tempered by the high percentage of initial applicants that did not pay the security deposit after being selected to participate in the program. The lack of deposit payment was especially dramatic in the Small Non-Residential program sector where only 55% of initially selected projects paid the deposit. Table 1 below shows the total number of applications submitted, while Table 2 shows the total kW of the projects associated with those applications.

Table 1. 2013 Program Applications

	Residential	Small Non-Res	Large Non-Res	Total
Received	1,040	319	74	1,433
Offered Capacity	211	319	25	555
Offered Capacity- Did Not Pay Deposit	39	152	13	204
Paid Deposit	172	167	12	351
Completed- As of May 20, 2014	130	82	2	214

Table 2. 2013 Program Capacity kW ^{CSI-AC}

	Residential	Small Non-Res	Large Non-Res	Total
Received	4,173 kW	6,033 kW	19,286 kW	29,492 kW
Offered Capacity	615 kW	6,033 kW	4,621 kW	11,269 kW
Offered Capacity- Did Not Pay Deposit	124 kW	3,061 kW	1,791 kW	4,976 kW
Paid Deposit	491 kW	2,972 kW	2,829 kW	6,292 kW
Completed- As of May 20, 2014	358 kW	1,502 kW	716 kW	2,576 kW

At this point, 42 projects are currently active. In the residential and small non-residential program sectors, these are typically customers that were offered capacity after the initial enrollment window when other customers withdrew from the program.

Table 3. Currently Active Applications as of May 20, 2014

	Residential	Small Non-Res	Large Non-Res	Total
Projects	6	26	10	42
kW ^{CSI-AC}	21 kW	470 kW	2,113 kW	2,606 kW

Surrendered Deposits

Currently, 95 customers have paid the deposit and then failed to complete the project. Customers in the residential and small commercial program sectors have 12 months and large non-residential projects have 18 months after being notified of acceptance into the program to build their project. Only at that point is their deposit forfeit if the project is not installed. At the time of this report, the large non-residential program sector has not reached the initial 18 month deadline.

Table 4. 2013 Surrendered Deposits

As of May 15, 2013	Residential	Small Non-Res	Large Non-Res	Total
Quantity	36	59	0	95
Amount	\$3,600	\$20,716.14	0	\$24,316.14

Carry Forward Capacity for 2014 Program Year

Capacity from projects that receive reservations but are not completed is carried forward and offered to program applicants from future program years. In order to determine the amount of additional capacity, the remaining capacities value is determined and then converted into additional capacity at the current program years incentive level.

Table 5. 2014 Additional Capacity

	2013 Remaining Capacity (kW)	2013 Incentive Rate	Rollover Funds (Cap x Inc. Rate)	2014 Incentive Rate	2013 Rollover Capacity (kW)	2014 New Capacity	Total 2014 Capacity as of May 20, 2014
Residential	120.424	\$1.25	\$150,530.00	\$1.20	125.442	500	625.442
Small Non-Residential	1026.801	\$1.00	\$1,026,801.00	\$0.95	1080.843	3500	4580.843
Large Non-Residential	170.503	\$0.80	\$136,402.40	\$0.75	181.870	6000	6181.870

Summary of 2014 Preliminary Results as of May 20, 2014

The following tables summarize the results from the reservation period for the 2014 program year for the Utah Solar Incentive Program. The Company is still offering reservations to customers on the waiting list when capacity comes available.

Table 6. 2014 Program Applications

	Residential	Small Non-Res	Large Non-Res	Total
Received	1,466	513	89	2,068
Offered Capacity	248	513	33	794
Offered Capacity- Did Not Pay Deposit	67	336	13	416
Paid Deposit	181	177	20	378
Completed- As of May 20, 2014	11	1	0	12

Table 7. 2014 Program Capacity kW _{CSI-AC}

	Residential	Small Non-Res	Large Non-Res	Total
Received	6,077 kW	10,030 kW	24,448 kW	40,555 kW
Offered Capacity	845 kW	10,030 kW	8,716 kW	19,591 kW
Offered Capacity- Did Not Pay Deposit	236 kW	6,701 kW	2,663 kW	9,600 kW
Paid Deposit	609 kW	3,329 kW	6,054 kW	9,992 kW
Completed- As of May 20, 2014	40 kW	3 kW	0 kW	43 kW

System Specific Information

Attachment A of this document includes more specific information for completed projects that received funding through the Utah Solar Incentive Program. Specifically included in the attachment is the size of the system in both kW_{DC} and kW_{CSI-AC} quantities, the amount of incentive the project received, and the general location of each system.

Production Meter Data

In compiling the production data for the two large non-residential projects that have been completed problems with the production meters were identified. The Company is currently working with both projects to ensure that data moving forward is collected correctly.