

# **Blue Sky Utility 2017 LLC (PECO Winery Square)**

Quarterly Report- Q2 2018 4/1/2018 – 6/30/2018

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### 1 | Executive Summary

In Q2 2018, the portfolio performed -0.28% below the predicted production for the quarter.

The system's production closely matched the expected production.

	Simulation PVSyst	Production Meter	Production Variance	Invoiced*	Accrued Credits**	Value Created	Projected Revenue ***	Revenue Variance
Month	kWh	kWh	kWh	\$	\$	\$	\$	\$
18-Apr	47,018	47,098	+80	\$2,951.67	\$ 6,800.43	\$9,752.10	\$6,732.93	+\$3,019.17
18-May	56,001	55,498	-503	\$4,371.29	\$10,071.13	\$14,442.42	\$15,359.49	-\$917.07
18-Jun	57,685	57,662	-23	\$4,449.67	\$10,251.71	\$14,701.38	\$17,421.53	-\$2,720.15
Q2 Total	160,704	160,258	-446	\$4,449.67	\$27,123.27	\$38,895.90	\$39,513.95	-\$618.05

<sup>\*</sup>April and May invoices will be rolled into the credits and recouped at yearly true-up.

## **Summary By Quarter**

	Simulation PVSyst	Production Meter	Production Variance	Invoiced	Accrued Credits*	Value Created	Projected Revenue**	Revenue Variance
Quarter	kWh	kWh	kWh	\$	\$	\$	\$	\$
18 – Q1	80,676	91,530	+10,854	\$5,179.91	\$0.00	\$5,179.91	\$9,047.37	-\$3,867.46
18 – Q2	160,704	160,258	-446	\$11,772.63	\$27,123.27	\$38,895.90	\$39,513.95	-\$618.05
2018 Total	241,380	251,788	10,408	\$16,952.54	\$27,123.27	\$44,075.81	\$48,561.32	-\$4,485.51

<sup>\*</sup>Q1 credits are included in Q2 credits due to PG&E NEMV credit/billing rollout system.

<sup>\*\*</sup>The \$ value of the solar generation credits generated during the billing period.

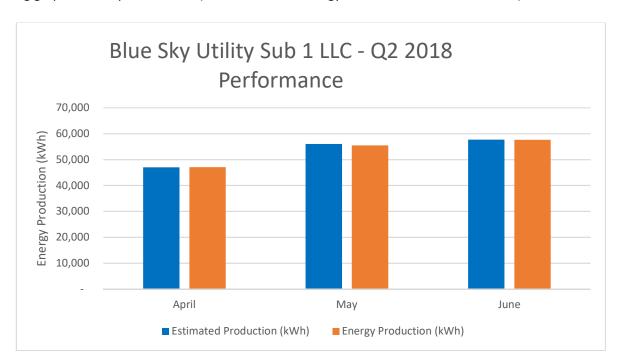
#### 2 | Portfolio Performance

The predicted energy output for the Blue Sky Utility 2017 LLC project during Apr-May 2018 was **160,704 kWh**. The actual energy output for the Blue Sky Utility 2017 LLC project during Apr-May 2018 was **160,258 kWh**.

The performance of the portfolio is evaluated by comparing the produced energy to two quantities: (1) the energy forecasted/modeled during pre-acquisition of each array (PVSyst model), to which the quantities are labeled as "predicted" will be associated, and (2) the energy expected using the same model as the forecast, but applied to the actual irradiance, temperature, and wind speed observed at the site during the reporting period. Quantities associated with the specific energy production are labeled as "actual".

#### 3 | Forecasted vs. Actual Energy

The following graphs shows performance (Actual-metered energy v. Predicted- PVSYST forecast) for Q2 2018.



### 4 | Weather Adjusted Performance

	Assumed Average Irradiance	Measured Average Irradiance	Assumed Average Temperature	Measured Average Temperature	Expected kWh production variance*
MONTH	W/m²	W/m²	°F	°F	(+/-) kWh
18-Apr	183.60	181.22	53.34	52.10	- 802
18-May	223.70	218.54	60.09	59.78	- 961
18-Jun	225.40	226.19	63.48	64.50	+ 666

<sup>\*</sup>Taking the environmental data into account, we expected the system to underperform in April and May and outperform in June.

#### 5 | Operations & Maintenance

The following table details all operations/maintenance related issues and corrective actions for Q2 2018.

Project SVP	Issue/Date	Corrective Action	Resolved/Not Resolved	kWh Lost
Blue Sky Utility 2017 III, LLC	n/a	n/a	n/a	0

### 6 | Availability

The overall availability for this quarter was 100.00% and there were no outages.

### 7 | Billings & Collections

PG&E took five billing periods to apply credits to the benefitting Winery Square NEMV accounts. Therefore, Blue Sky Utility could not invoice the clients during this period until the credits were officially applied. Blue Sky Utility will recoup the created value from clients in upcoming months and/or at the yearly true up in January 2019.

Blue Sky Utility 2017 III, LLC				
MONTH	INVOICE AMOUNTS (\$)	COLLECTIONS (\$)		
18-Apr	\$0.00	\$0.00		

18-May	\$0.00	\$0.00
18-Jun	\$4,449.67	\$0.00

# 8 | Financials

Financials are attached below or sent in separate document.