

October 14, 2021

BY HAND DELIVERY AND ELECTRONIC MAIL

Luly E. Massaro, Commission Clerk
Rhode Island Public Utilities Commission
89 Jefferson Boulevard
Warwick, RI 02888

**RE: Docket 5127 – 2021 Annual Retail Rate Filing
Responses to PUC Data Requests – Set 6**

Dear Ms. Massaro:

On behalf of The Narragansett Electric Company d/b/a National Grid (“Company”), I have enclosed nine copies of the Company’s responses to the Sixth Set of data requests of the Public Utilities Commission (“Commission”) in the above-mentioned proceeding.

Consistent with the instructions issued by the Commission on March 16, 2020, and updated on October 2, 2020, this filing is being made electronically. Nine (9) hard copies will be submitted to the Commission within twenty-four (24) hours, with four (4) hard copies being three-hole punched.

Thank you for your attention to this matter. If you have any questions, please contact me at 781-907-2126.

Very truly yours,



Laura C. Bickel
RI Bar # 10055

Enclosures

cc: Docket 5127 Service List
Jon Hagopian, Esq., Division of Public Utilities and Carriers
John Bell, Division of Public Utilities and Carriers
Albert Vitali, Esq., Office of Energy Resources
John Harrington, Esq., Public Utilities Commission

STATE OF RHODE ISLAND
PUBLIC UTILITIES COMMISSION

2021 Annual Retail Rates Filing)) Docket No. 5127
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**MOTION OF THE NARRAGANSETT ELECTRIC COMPANY D/B/A
NATIONAL GRID FOR PROTECTIVE TREATMENT OF
CONFIDENTIAL INFORMATION**

The Narragansett Electric Company d/b/a National Grid (“National Grid” or the “Company”) hereby respectfully requests that the Public Utilities Commission (“PUC”) grant protection from public disclosure certain confidential information submitted by the Company in the above referenced docket. The reasons for the protective treatment are set forth herein. The Company also requests that, pending entry of that finding, the PUC preliminarily grant the Company’s request for confidential treatment pursuant to 810-RICR-00-00-1.3(H)(2).

The records that are the subject of this Motion that require protective treatment from public disclosure are Attachments PUC 6-11, 6-12, 6-21 (as an Excel File only), and 6-32 (collectively, the “Confidential Records”) which were filed by the Company on October 14, 2021 in the above referenced docket as part of the Company’s Responses to the PUC’s Sixth Set of Data Requests. Attachments PUC 6-11 and 6-12 contain host customer account numbers. Attachment PUC 6-21 contains host customer and credit recipient account numbers and names, and will be submitted via the Company’s encryption software Egress Switch. Attachment PUC 6-32 contains customer premise numbers. National Grid requests protective treatment of the Confidential Records in accordance with 810-RICR-00-00-1.3(H), R.I. Gen. Laws § 38-2-2-(4)(A)(I)(b), and R.I. Gen. Laws § 38-2-2-(4)(B).

I. LEGAL STANDARD

For matters before the PUC, a claim for protective treatment of information is governed by the policy underlying the Access to Public Records Act (“APRA”), R.I. Gen. Laws § 38-2-1 et seq. See 810-RICR-00-00-1.3(H)(1). Under APRA, any record received or maintained by a state or local governmental agency in connection with the transaction of official business is considered public unless such record falls into one of the exemptions specifically identified by APRA. See R.I. Gen. Laws §§ 38-2-3(a) and 38-2-2(4). Therefore, if a record provided to the PUC falls within one of the designated APRA exemptions, the PUC is authorized to deem such record confidential and withhold it from public disclosure.

II. BASIS FOR CONFIDENTIALITY

The Confidential Records are exempt from public disclosure pursuant to R.I. Gen. Laws § 38-2-2-(4)(A)(I)(b) as “[p]ersonnel and other personal individually identifiable records otherwise deemed confidential by federal or state law or regulation, or the disclosure of which would constitute a clearly unwarranted invasion of personal privacy pursuant to 5 U.S.C. § 552 et seq” and R.I. Gen. Laws § 38-2-2(4)(B) as “[t]rade secrets and commercial or financial information obtained from a person, firm, or corporation that is of a privileged or confidential nature.” In this case, both R.I. Gen. Laws § 38-2-2-(4)(A)(I)(b) and R.I. Gen. Laws § 38-2-2(4)(B) are applicable. However, the Company notes that qualifying for exemption under either provision is enough to satisfy the legal standard for withholding the Confidential Records from public disclosure.

The Confidential Records consist of lists of the Company’s customers, account numbers, and premise numbers. Releasing such information to the public would constitute a clearly unwarranted invasion of personal privacy pursuant to 5 U.S.C. § 552 et seq. Accordingly, the Confidential Records may be withheld from public disclosure pursuant to R.I. Gen. Laws § 38-2-2-(4)(A)(I)(b).

The Confidential Records may also be withheld from public disclosure pursuant to R.I. Gen. Laws § 38-2-2(4)(B). *The Attorney General's Guide to Open Government in Rhode Island 6th Edition*¹ provides guidance as to the scope of R.I. Gen. Laws § 38-2-2(4)(B)'s applicability. It states that:

If a request is made for financial or commercial information that a person is obliged to provide to the government, it is exempt from disclosure if the disclosure is likely either: (1) to impair the government's ability to obtain information in the future, or (2) to cause substantial harm to the competitive position of the person from whom the information was obtained. If a request is made for financial or commercial information that is provided to the government on a voluntary basis, it is exempt from disclosure if the information "is a kind that would customarily not be released to the public by the person from whom it was obtained." *The Providence Journal Company v. Convention Center Authority*, 774 A.2d 40 (R.I. 2001).

The Confidential Records consist of commercial information, specifically customer billing information and account numbers. National Grid would customarily not release this information to the public and its submission of the Confidential Records to the PUC is needed to comply with a PUC discovery request.

Accordingly, National Grid is providing the Confidential Records to fulfil its regulatory responsibilities. Therefore, Confidential Records are exempt from public disclosure "if the disclosure is likely either: (1) to impair the government's ability to obtain information in the future, or (2) to cause substantial harm to the competitive position of the person from whom the information was obtained." See *The Attorney General's Guide to Open Government in Rhode Island 6th Edition*, p. 22.

The release of the Confidential Records is likely to cause substantial harm to the competitive position of National Grid and harm its customers. The Confidential Records contain

¹ <http://www.riag.ri.gov/Forms/AGguidetoopengovernment.pdf>

commercially sensitive customer billing information and account numbers, the disclosure of which could negatively impact the Company's customers. The Company has set forth the legal basis for confidential treatment herein.

III. CONCLUSION

For the foregoing reasons, the Company respectfully requests that the PUC grant this motion for protective treatment of Attachments PUC 6-11, 6-12, 6-21, and 6-32.

Respectfully submitted,

NATIONAL GRID

By its attorney,



Laura C. Bickel
RI Bar # 10055

Dated: October 14, 2021

CERTIFICATE OF SERVICE

I hereby certify that on October 14, 2021, I delivered a true copy of the foregoing Motion via electronic mail to the parties on the Service List for Docket No. 5127.

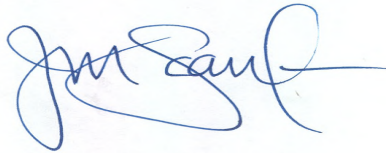


Joanne M. Scanlon

Certificate of Service

I hereby certify that a copy of the cover letter and any materials accompanying this certificate was electronically transmitted to the individuals listed below.

The paper copies of this filing are being hand delivered to the Rhode Island Public Utilities Commission and to the Rhode Island Division of Public Utilities and Carriers.



Joanne M. Scanlon

October 14, 2021
Date

**National Grid – 2021 Annual Retail Rate Filing - Docket No. 5127
Service List Updated 4/1//2021**

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PUC 6-1

Request:

Billing Questions

For calendar years 2019 and 2020, did National Grid charge back any net metering customers for excess net metering credits? If so, please provide a table with information regarding which net metering customer accounts were charged back, when they were charged back, the dollar amount they were charged back, and which method National Grid used to estimate the charges (volumetric or monetary).

Response:

The Company has not yet applied an excess net metering credit charge for calendar year 2019 and/or 2020 on any net metering customer's account for the reasons stated in the Company's response to data request PUC 5-1.

The Narragansett Electric Company
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PUC 6-2

Request:

During which monthly billing cycle(s) does National Grid estimate and execute charges for excess net metering credits?

Response:

While the Company has not yet applied charges for the reversal of excess net metering credits as a result of annual reconciliations described in the response to data request PUC 6-1, it has considered a process for them. Every customer is assigned one of 20 meter reading/billing cycles. After all energy delivered during a calendar year is billed in the following January, the Company would calculate charges during the February through March period, contact the customer with options as discussed in the Company's response to data request PUC 5-1, and then process the charges during the April or May billing cycles of the applicable year.

PUC 6-3

Request:

Does National Grid allow a single customer account to be allocated net metering credits from multiple remote net metering facilities?

Response:

Yes. The Company's net metering provision does not prohibit a single customer account from receiving net metering credits from multiple net metering facilities as long as each net metering facility meets the net metering eligibility requirements, such as ensuring that the customer's load is not double-counted when sizing the net metering facility.

The Narragansett Electric Company
d/b/a National Grid
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PUC 6-4

Request:

Referencing page 4 of Attachment PUC 5-1-1, National Grid explains the monetary method as: “compare January to January credit balance.” Regarding the specific vintage of items being compared, what does “January to January mean”? Please explain the phrase using specific vintages of billing data (ex: first bill of the year, second bill of the year, twelfth bill of the year, etc.)

Response:

“Compare January to January credit balance” means identifying an excess net metering credit amount for a 12-month duration starting with the month of January. The starting balance on the account of the “Host Customer” (i.e., the customer “hosting” the net metering facility) will be shown on January’s Month 1 bill. This starting balance corresponds to the date when the bill was generated, which in the example below is 1/27/2020. The end balance of the calendar year corresponds to the date billed of the subsequent January’s bill. In this example, this bill date is 1/27/2021. Even though the January 2021 bill could be labeled the 13th bill of the year, the start and end dates of the analysis for this example are exactly 12 months or 365 days apart, and the Company would compare the excess balance on the account on 1/27/2020 and 1/27/2021. Any credit accumulated in Month 1 would technically count the previous year’s accumulated balance, whereas months 2-13 are considered in the 2020 analysis, in the example below.

Billing Cycle Start Date	Billing Cycle End Date	Bill Date	Host Bill Month Issued	Host Bill Month
12/20/2019	1/24/2020	1/27/2020	January	Month 1
1/24/2020	2/24/2020	2/25/2020	February	Month 2
2/24/2020	3/26/2020	4/01/2020	March	Month 3
3/26/2020	4/28/2020	4/28/2020	April	Month 4
4/28/2020	5/22/2020	5/26/2020	May	Month 5
5/22/2020	6/24/2020	6/24/2020	June	Month 6
6/24/2020	7/28/2020	7/28/2020	July	Month 7

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PUC 6-4, page 2

Billing Cycle Start Date	Billing Cycle End Date	Bill Date	Host Bill Month Issued	Host Bill Month
7/28/2020	8/24/2020	8/26/2020	August	Month 8
8/24/2020	9/23/2020	9/24/2020	September	Month 9
9/23/2020	10/21/2020	10/22/2020	October	Month 10
10/21/2020	11/19/2020	11/20/2020	November	Month 11
11/19/2020	12/23/2020	12/28/2020	December	Month 12
12/23/2020	1/25/2021	1/27/2021	January	Month 13

PUC 6-5

Request:

Referencing page 4 of Attachment PUC 5-1-1, please describe what “compare January to January credit balance” means in mathematical terms. Then, perform the mathematical “comparison” to estimate the “total credit accumulated” under the following hypothetical scenarios:

- a. Customer's Year 1 January bill equals \$100 and Year 2 January bill equals -\$100.
- b. Customer's Year 1 January bill equals \$0 and Year 2 January bill equals -\$100.
- c. Customer's Year 1 January bill equals -\$100 and Year 2 January bill equals -\$200.

Response:

The Company intends to perform annual reconciliations each calendar year. “Compare January to January credit balance” means identifying any excess credits at the end of a 12-month period that begins with January. To determine excess credits for a given calendar year, the Company would exclude any credits remaining from a prior year. If an account has a net positive charge at the end of a year, then the value for excess credits is zero. The mathematical equation is:
Total Credit Accumulated = $\text{abs}(\text{Year 2 Excess Credit}) - [\text{if Year 1 excess credits} < 0 \text{ then use } \text{abs}(\text{Year 1 Excess Credit}) \text{ otherwise use } 0]$

- a. Customer's Year 1 January bill equals \$100 and Year 2 January bill equals -\$100.
Year 1 Excess Credit: 0
Year 2 Excess Credit: -\$100
Total credit accumulated = \$100
- b. Customer's Year 1 January bill equals \$0 and Year 2 January bill equals -\$100.
Year 1 Excess Credit: 0
Year 2 Excess Credit: -\$100
Total credit accumulated = \$100
- c. Customer's Year 1 January bill equals -\$100 and Year 2 January bill equals -\$200.
Year 1 Excess Credit: -\$100
Year 2 Excess Credit: -\$200
Total credit accumulated = \$100

PUC 6-6

Request:

Referencing page 7 of Attachment PUC 5-1-1, what is a parent case SF?

Response:

“Parent Case SF” is a data field that the Company created in its online distributed generation (“DG”) application portal to identify a “host” for a net metering facility. The term “SF” refers to the underlying tool used for the online application portal, which in this case is a “Salesforce” product.

PUC 6-7

Request:

On page 9 of Attachment PUC 5-1-1, National Grid writes that “generation is a better overall estimate.”

- a. If this statement is based on an analysis, please provide the analysis.
- b. If this statement is based on reasoning and/or assumptions, please briefly explain that basis.
- c. How do the scenario results included on page 9 of Attachment PUC 5-1-1 support this position.

Response:

- a. The Company does not have a formal analysis to provide.
- b. The Company's perception of its obligation is that must perform annual reconciliations of net metering customers and determine whether their excess generation exceeds 100% or 125% of consumption. In order to reach a conclusion for each facility, the Company needed either actual total consumption or actual total generation. However, net metering facilities only use bi-directional meters, installed at the point of interconnection. Such meters only measure *net* usage or *net* generation over a billing period – they do not record *actual* usage or *actual* generation.

Accordingly, the Company had to develop a method of approximating actual Total Generation and Total Consumption, using the total *net* excess kWh for each net metering account. Using statistical support, the Company tested whether using estimated generation or estimated usage estimate would affect its reconciliation results, which might suggest which value was generally a better one to use. The Company used as a sample the 638 net metering facilities that had net excess generation in calendar year 2019.

The Company's analysis, which is summarized in the table on page 9 of Attachment PUC 5-1-1, revealed that its use of estimated generation would result in a lower percentage of generation compared to consumption values, which would in turn result in a lower net metering reconciliation charge for many accounts. However, these results were insufficient to draw a final conclusion about which value to use.

PUC 6-7, page 2

The Company's statement that "generation is a better overall estimate" is based more on logic, general reasoning, and confidence in the superior accuracy of that value as compared to the estimated usage. For example, estimated generation is calculated based on the customer's actual AC System Size, whereas the customer's estimated usage depends fully on the customer's historical usage a net metering application was submitted. Also, energy consumption can vary over time, as the customer increases electrical load or takes more energy efficiency measures. The Company reasons that, generally, estimated generation is a better baseline than estimated consumption, for the following reasons:

1. Customer usage is more likely to significantly vary, year to year, than generation.
2. Customer usage varies significantly between customers of the same system size, making it harder to verify the accuracy of the usage estimate.
3. Estimated generation will be the same for systems of the same size, making it a better baseline for the Company to use.
4. Estimated consumption depends on months of usage data whereas estimated generation only depends on system size.

Also, using estimated generation could give customers an opportunity to provide their actual generation values from their generation meter, if available, for the purpose of calculating this charge, and a more exact calculation could be completed.

PUC 6-8

Request:

On page 9 of PUC 5-1-1, National Grid writes that “under consuming [is the] most likely scenario – allocation behavior, oversized.”

- a. If this statement is based on an analysis, please provide the analysis.
- b. If this statement is based on reasoning and/or assumptions, please briefly explain that basis.
- c. How do the scenario results included on page 9 of Attachment PUC 5-1-1 support this position.

Response:

- a. The Company does not have a formal analysis to provide.
- b. The Company's reasoning can be summarized as follows. Per the reasoning outlined in 6-7, the Company's best “baseline” value to use in analyzing customers' consumption as compared to their generation is an estimate of their generation. To approximate total generation and consumption the had Company to decide if it was more reasonable to model its observed excess kilowatt-hours (“kWh”) as “excess generation” or “under consumption,” as compared to this baseline. The Company reasons that it is more likely that customers used less electricity than expected as opposed to the system generating more electricity than expected. Due to physical constraints based on system size, it is unlikely that a system will generate significantly more than estimated.
- c. In 2019, a total of 263 behind-the-meter projects showed a net excess kWh that was greater than 15% of their generation estimates. The Company views it as more likely that these customers under-consumed as opposed to their systems generating 15% more than estimated. As a result, while the Company modeling appears to show that any observed excess is due to “under consumption” rather than over-generation, with only a net meter in place for such customers, the excess kWh could be the combined effect of both under-consumption and over-generation.

PUC 6-9

Request:

Referencing the scenario results included on page 9 of Attachment PUC 5-1-1, please describe the population (e.g., size and source) from which the dataset was derived.

Response:

To achieve an acceptable high degree of confidence, the Company used 638 net metering facilities with excess generation in calendar year 2019 as its data sample. The source of this information was data from the Company's billing system combined with associated project information from the Company's online interconnection application portal, which was deployed in April 2017.

PUC 6-10

Request:

Please explain what “missing data” means in the context of the scenario results included on page 9 of Attachment PUC 5-1-1.

Response:

As mentioned in the Company's response to data request PUC 6-9, the Company's online application portal is one of source of information; specifically, for estimated annual generation or estimated customer usage information. The Company's online application portal was launched in April of 2017; therefore, fewer than 638 net metering facilities have the necessary information readily available in the online application portal. “Missing data” refers to those net metering facilities for which estimated generation or usage estimates were not readily available from the online application portal.

PUC 6-11

Request:

The results included on page 9 of Attachment PUC 5-1-1 show that the scenario analysis for Gen Estimate and Under-Consuming yielded 3 negative data points. Please provide the underlying data and calculations for each of those 3 negatives.

Response:

Please see Attachment PUC 6-11 for the underlying data and calculations for each of those three (3) instances

Logically, a net metering facility cannot have net excess generation that exceeds actual generation. In the attached examples, net excess generation exceeds estimated generation, which is used as a proxy for actual generation. These negative results suggest that the estimated generation value is either incorrect or otherwise cannot be used for this analysis. This is one reason that the Company concluded that it could not use the scenario analysis to reach a conclusion about whether to use estimated generation or estimated usage as a variable for the net metering reconciliation calculation.

REDACTED

Host Account #	Total Net Excess kWh	Estimated Generation	Estimated Usage	% Usage over Generation	Excess generation 100-125%	Excess Generation 125+%
Account 1	-971	606.5	-364.6	-166%	971	0
Account 2	-1143	352.59	-790.4	-45%	1143	0
Account 3	-5093	5077.3	-15.7	-32339%	5093	0

PUC 6-12

Request:

The results included on page 9 of Attachment PUC 5-1-1 show that the scenario analysis for Usage Estimate and Under-Consuming yielded 56 negative data points. Please provide the underlying data and calculations for each of those 56 negatives.

Response:

Please see Attachment PUC 6-12 for the underlying data and calculations supporting each of those 56 instances. Similar to the logic discussed in PUC 6-11, a net metering facility cannot have net excess generation that exceeds actual generation. In the attached examples, net excess generation exceeds estimated usage, which is used as a proxy for actual generation. This scenario is impossible and discouraged the Company from using the scenario analysis to choose between estimated generation or estimated usage as a variable for the net metering reconciliation calculation.

	Host Account #	Total Net Excess kWh	3-year average usage at the time of interconnection application	Estimated Usage	% Usage over Generation	Excess generation 100-125%	Excess Generation 125+%
(1)	Account 1	(387,524)	0	(387,524)	0%	387,524	0
(2)	Account 2	(217,666)	0	(217,666)	0%	217,666	0
(3)	Account 3	(5,772)	3,037	(2,735)	-111%	5,772	0
(4)	Account 4	(5,011)	0	(5,011)	0%	5,011	0
(5)	Account 5	(1,609)	753	(856)	-88%	1,609	0
(6)	Account 6	(618)	537	(81)	-663%	618	0
(7)	Account 7	(1,499)	31	(1,468)	-2%	1,499	0
(8)	Account 8	(5,093)	54	(5,039)	-1%	5,093	0
(9)	Account 9	(1,339,291)	0	(1,339,291)	0%	1,339,291	0
(10)	Account 10	(3,475)	3,227	(248)	-1301%	3,475	0
(11)	Account 11	(4,426)	571	(3,855)	-15%	4,426	0
(12)	Account 12	(395,160)	0	(395,160)	0%	395,160	0
(13)	Account 13	(300,321)	0	(300,321)	0%	300,321	0
(14)	Account 14	(5,766)	589	(5,177)	-11%	5,766	0
(15)	Account 15	(3,428)	978	(2,450)	-40%	3,428	0
(16)	Account 16	(35,680)	1,987	(33,693)	-6%	35,680	0
(17)	Account 17	(26,046)	503	(25,543)	-2%	26,046	0
(18)	Account 18	(23,132)	4,517	(18,615)	-24%	23,132	0
(19)	Account 19	(1,043)	405	(638)	-63%	1,043	0
(20)	Account 20	(1,108)	0	(1,108)	0%	1,108	0
(21)	Account 21	(1,675)	1,405	(270)	-520%	1,675	0
(22)	Account 22	(534)	396	(138)	-287%	534	0
(23)	Account 23	(2,020)	483	(1,537)	-31%	2,020	0
(24)	Account 24	(1,150)	4	(1,146)	0%	1,150	0
(25)	Account 25	(6,205)	1,186	(5,019)	-24%	6,205	0
(26)	Account 26	(2,385)	688	(1,697)	-41%	2,385	0
(27)	Account 27	(4,218)	0	(4,218)	0%	4,218	0
(28)	Account 28	(3,245)	947	(2,298)	-41%	3,245	0
(29)	Account 29	(611)	511	(100)	-511%	611	0
(30)	Account 30	(1,450)	1,031	(419)	-246%	1,450	0
(31)	Account 31	(1,186)	638	(548)	-116%	1,186	0
(32)	Account 32	(3,496)	157	(3,339)	-5%	3,496	0
(33)	Account 33	(2,637)	2,557	(80)	-3196%	2,637	0
(34)	Account 34	(692)	574	(118)	-486%	692	0
(35)	Account 35	(2,501)	117	(2,384)	-5%	2,501	0
(36)	Account 36	(6,921)	1,802	(5,119)	-35%	6,921	0
(37)	Account 37	(1,796)	843	(953)	-88%	1,796	0
(38)	Account 38	(3,639)	1,465	(2,174)	-67%	3,639	0
(39)	Account 39	(6,480)	427	(6,053)	-7%	6,480	0
(40)	Account 40	(1,844)	1,563	(281)	-556%	1,844	0
(41)	Account 41	(708)	198	(510)	-39%	708	0
(42)	Account 42	(2,566)	1,484	(1,082)	-137%	2,566	0
(43)	Account 43	(664)	265	(399)	-66%	664	0
(44)	Account 44	(1,736)	974	(762)	-128%	1,736	0
(45)	Account 45	(1,236)	664	(572)	-116%	1,236	0
(46)	Account 46	(705)	123	(582)	-21%	705	0
(47)	Account 47	(24,008)	12,639	(11,369)	-111%	24,008	0
(48)	Account 48	(779)	689	(90)	-766%	779	0
(49)	Account 49	(5,926)	0	(5,926)	0%	5,926	0
(50)	Account 50	(2,488)	2,366	(122)	-1939%	2,488	0
(51)	Account 51	(2,372)	2,325	(47)	-4947%	2,372	0
(52)	Account 52	(1,241)	640	(601)	-106%	1,241	0
(53)	Account 53	(971)	57	(914)	-6%	971	0
(54)	Account 54	(2,341)	2,332	(9)	-25911%	2,341	0
(55)	Account 55	(5,425)	4,797	(628)	-764%	5,425	0
(56)	Account 56	(3,643)	2,168	(1,475)	-147%	3,643	0
(57)	Account 57	(5,117)	92	(5,025)	-2%	5,117	0
(58)	Account 58	(598)	454	(144)	-315%	598	0
(59)	Account 59	(2,632)	1,963	(669)	-293%	2,632	0
(60)	Account 60	(1,342)	156	(1,186)	-13%	1,342	0
(61)	Account 61	(5,017)	3,422	(1,595)	-215%	5,017	0
(62)	Account 62	(3,543)	0	(3,543)	0%	3,543	0
(63)	Account 63	(1,420)	1,273	(147)	-866%	1,420	0
(64)	Account 64	(1,541)	828	(713)	-116%	1,541	0
(65)	Account 65	(1,741)	108	(1,633)	-7%	1,741	0
(66)	Account 66	(1,073)	0	(1,073)	0%	1,073	0
(67)	Account 67	(2,592)	2,572	(20)	-12860%	2,592	0
(68)	Account 68	(2,283)	0	(2,283)	0%	2,283	0

PUC 6-13

Request:

Please confirm that a negative result using the “under consuming” model represents a model results with negative total consumption.

Response:

Yes, a negative result using the “under consuming” model represents negative consumption, which seems impossible. The Company reasons that negative results occur when:

1. It uses “estimated generation” as the baseline, and excess generation exceeds estimated generation; and
2. It uses “estimated usage” as the baseline, and excess generation exceeds the estimated usage.

If the Company were to re-attempt the scenario analysis, it would use a hybrid approach of combining different calculation models such that all resulting data makes sense. However, as explained in the response to data request PUC 6-7, the Company chose to use estimated annual generation in order to give customers an opportunity to provide their actual generation values from the internal inverter-based meter for the project, if available. Using “estimated generation” allows the Company to offer customers this option, allowing for an exact calculation to be performed for the net metering charge.

The Narragansett Electric Company
d/b/a National Grid
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PUC 6-14

Request:

Referencing the data tables starting on page 5 of Attachment PUC 5-1-2, all of the entries under the first column are listed as an "Account." Do the rows in these data tables represent customer accounts or net metering facilities, or something else?

Response:

Each row in these data tables represents a net metering facility.

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PUC 6-15

Request:

Please confirm whether the following is true for each of the four data tables in Attachment PUC 5-1-2. If they are not true, please correct them:

- a. Table 1 contains data from calendar year 2019; charges were calculated using the volumetric method, the generation estimate model, and the under-consuming model.
- b. Table 2 contains data from calendar year 2020; charges were calculated using the volumetric method, the generation estimate model, and the under-consuming model.
- c. Table 3 contains data from calendar year 2019; charges were calculated using the monetary method, the generation estimate model, and the under-consuming model.
- d. Table 4 contains data from calendar year 2020; charges were calculated using the monetary method, the generation estimate model, and the under-consuming model.

Response:

Statements a, b, c, and d above are correct for behind-the-meter (“BTM”) facilities. Standalone facilities do not require the generation estimate or the under-consuming model because actual generation and usage are known. As described in the Company’s response to data request PUC 6-7, the Company declined to use the scenario analysis to determine net metering charges. Instead, the Company used estimated annual generation for the calculation, which allows BTM customers to provide actual generation from their generation meter or production meter.

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PUC 6-16

Request:

Referencing the second table included on page 2 of PUC 5-2, please re-file the table with a new, additional column that lists the actual billed dollar amounts (e.g., cumulative credits) for each of the 12 billing cycles.

Response:

The last column in the below table represents actual billed dollar amounts (i.e., previous bill balance plus current bill balance.)

For example, the bill amount of -\$211.93 for the January bill represents credit balance on the accounts that is being carried forward from the previous month and it could be result of accumulation of net metering credits, customer payments, or other applicable credits.

Billing Cycle Start Date	Billing Cycle End Date	Monthly Meter Reading	Net Usage (kWh)	Net Excess Generation (kWh)	Monthly Charge (Delivery Charges + Supply Service + Other Charges/Adjustments)	Renewable Net Metering Credits	Bill Amount
12/20/2019	1/24/2020	97524	101	0	\$31.06	\$0.00	-\$211.93
1/24/2020	2/24/2020	97511	0	-13	\$9.06	-\$2.45	-\$205.32
2/24/2020	3/26/2020	97311	0	-200	\$9.06	-\$37.79	-\$234.05
3/26/2020	4/28/2020	97097	0	-214	\$9.06	-\$34.91	-\$259.90
4/28/2020	5/22/2020	96749	0	-348	\$7.25	-\$55.15	-\$307.80
5/22/2020	6/24/2020	96356	0	-393	\$9.06	-\$62.28	-\$361.02
6/24/2020	7/28/2020	96111	0	-245	\$9.06	-\$39.26	-\$391.22
7/28/2020	8/24/2020	96049	0	-62	\$9.06	-\$9.96	-\$392.12
8/24/2020	9/23/2020	95938	0	-111	\$9.06	-\$17.91	-\$400.97
9/23/2020	10/21/2020	95888	0	-50	\$9.33	-\$8.85	-\$400.49
10/21/2020	11/19/2020	95947	59	0	\$22.64	\$0.00	-\$377.85
11/19/2020	12/23/2020	96179	232	0	\$61.52	\$0.00	-\$316.33
Total			392 kWh	-1,636 kWh	\$195.22	-\$268.56	
Net Balance at the end of year			-1,243 kWh		-\$73.34		

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PUC 6-17

Request:

On page 2 of its responses to both PUC 5-2 and 5-3, National Grid included a 7-column table containing the information requested in parts d-g of the original data requests. The values included in the Billing Cycle Start Date, Billing Cycle End Date, and Monthly Meter Reading columns are identical in both responses. Assuming this was a typo, please refile the response with corrected values for the first three columns.

Response:

Please find below correct table for response PUC 5-2

Billing Cycle Start Date	Billing Cycle End Date	Monthly Meter Reading	Net Usage (kWh)	Net Excess Generation (kWh)	Monthly Charge (Delivery Charges + Supply Service + Other Charges/Adjustments)	Renewable Net Metering Credits
12/20/2019	1/24/2020	97524	101	0	\$31.06	\$0.00
1/24/2020	2/24/2020	97511	0	-13	\$9.06	-\$2.45
2/24/2020	3/26/2020	97311	0	-200	\$9.06	-\$37.79
3/26/2020	4/28/2020	97097	0	-214	\$9.06	-\$34.91
4/28/2020	5/22/2020	96749	0	-348	\$7.25	-\$55.15
5/22/2020	6/24/2020	96356	0	-393	\$9.06	-\$62.28
6/24/2020	7/28/2020	96111	0	-245	\$9.06	-\$39.26
7/28/2020	8/24/2020	96049	0	-62	\$9.06	-\$9.96
8/24/2020	9/23/2020	95938	0	-111	\$9.06	-\$17.91
9/23/2020	10/21/2020	95888	0	-50	\$9.33	-\$8.85
10/21/2020	11/19/2020	95947	59	0	\$22.64	\$0.00
11/19/2020	12/23/2020	96179	232	0	\$61.52	\$0.00
Total			392 kWh	-1,636 kWh	\$195.22	-\$268.56
Net Balance at the end of year			-1,243 kWh		-\$73.34	

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PUC 6-17, page 2

Please find below correct table for response PUC 5-3. There is no monthly meter read for interval meters.

Billing Cycle Start Date	Billing Cycle End Date	Monthly Meter Reading	Total Usage (Host + Satellite) (kWh)	Net Excess Generation (kWh)	Monthly Host Charge (Delivery Charges + Supply Service + Other Charges/Adjustments)	Renewable Net Metering Credits
12/10/2018	1/8/2019	Interval*	75,740	-52,184	\$13.47	-\$9,684.82
1/8/2019	2/6/2019	Interval	143,520	-72,255	\$13.47	-\$13,409.82
2/6/2019	3/7/2019	Interval	78,800	-78,065	\$13.47	-\$14,488.09
3/7/2019	4/7/2019	Interval	69,980	-132,268	\$13.47	-\$23,932.34
4/7/2019	5/7/2019	Interval	87,700	-101,335	\$13.47	-\$16,719.25
5/7/2019	6/9/2019	Interval	94,460	-151,551	\$13.47	-\$25,004.40
6/9/2019	7/9/2019	Interval	88,000	-136,412	\$13.47	-\$22,409.63
7/9/2019	8/7/2019	Interval	87,720	-141,988	\$13.47	-\$23,090.09
8/7/2019	9/9/2019	Interval	90,120	-141,144	\$13.47	-\$23,027.12
9/9/2019	10/7/2019	Interval	84,420	-112,002	\$13.92	-\$18,786.37
10/7/2019	11/5/2019	Interval	67,020	-71,069	\$13.92	-\$12,599.13
11/5/2019	12/8/2019	Interval	68,700	-63,573	\$13.92	-\$11,270.21
Total			1,036,180	-1,253,846	\$162.99	-\$214,421.27
Net Balance at the end of year			-217,666 kWh		-\$214,258.28	

*This is an interval meter with remote collection capability via communication back to the Company. The Company receives the meter data every 15 minutes and then uses the accumulated totals to bill on the customer's monthly cycle billing date. Due to this, there is not a need for a specific meter reading.

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PUC 6-18

Request:

On page 3 of its response to PUC 5-3, National Grid writes “the aggregate excess net metering credit balance at the end of calendar year 2019 on all seven satellite customer accounts was \$121,243.03.” Regarding this excess credit balance, please provide evidence for each of the satellite accounts that shows the \$121,243.03 of allocated credits were generated exclusively by the 780 kW AC net metering facility in question.

Response:

Please find below a table showing a list of six satellite accounts that were receiving credits from the 780 kW AC net metering facility in calendar year 2019, which had an excess balance of \$121,243.03. There were only six satellite accounts and the Company mistakenly included the host account when counting seven satellite accounts in the response to PUC 5-3.

Satellite Account	Total Net Metering Credits received from Facility 1	Total Net Metering Credits received from Facility 2	Net metering credit balance at the end of CY 2019
1	\$38,566.42		\$0
2	\$38,566.42		\$163.4
3	\$42,851.60	\$44,284.38	\$49,231.76
4	\$42,851.60	\$44,284.38	\$51,477.28
5	\$23,568.33		\$7,679.71
6	\$27,853.53		\$12,690.88
Total Credit Received	\$214,257.90	\$88,568.76	\$121,243.03

Two out of the six satellite accounts were receiving credits from two net metering facilities. The \$121,243.03 of excess credit was not generated exclusively by the 780 kW AC net metering facility. In total, six satellite accounts received \$302,826.66 (\$214,257.90 from the 780 kW AC used in this example, “Facility 1,” and \$88,568.76 from another facility, “Facility 2”).

PUC 6-19

Request:

Referencing the response to PUC 5-3, please explain how the \$0.35 balance on the host account should be reconciled in the total charges and credits.

Response:

When analyzing remote net metering facilities, the Company reviews net metering credit balances on host accounts, as well as balances on "satellite" accounts (i.e., recipients of allocated credits). The 35 cents could represent the total credit accumulated for that facility from credits that were "unallocated" to the satellites.

It is common to have a few cents left on the host account after the net metering credit transfer(s) are completed, each billing period. The Company allocates net metering credits using a percentage, which may result in a dollar amount with several digits after the decimal. The Company's billing system is designed to truncate after the first two digits beyond the decimal. For example, if the calculated transfer amount is \$10.12345 based on the percentage allocation provided by the customer, then the billing system will only transfer \$10.12 to the satellite account. The remaining \$0.00345 will be left behind on the host account. These leftover fractions of cents could add up to 35 cents, as shown in the example in the Company's response to Data Request 5-3, for a net metering facility in a given year, along with any credits that the host customer did not allocate to satellite customers. The Company refers to these remainders collectively as "unallocated" net metering credits.

PUC 6-20

Request:

On page 3 of its response to PUC 5-3, National Grid writes “using the volumetric method... this customer would receive a charge of \$16,418.55, which is the difference between crediting the 21% excess generation as an Excess Renewable Net Metering Credit and a Renewable Net Metering Credit. However, using this method leaves the difference between the monetary and volumetric methods of \$90,501.69 on the off-taking accounts.” In this example, please explain the following:

- a. To whom would National Grid charge the \$16,418.55: the host customer, the satellite accounts, or someone else?
- b. If the answer to subpart a is the satellite customers, how would National Grid allocate the \$16,418.55 charge among the different satellite accounts?

Response:

- a. The host customer and satellite accounts with excess net metering credits should jointly bear this cost of the charge, on a pro rata basis. No other customers should bear any portion of the charge.
- b. As noted previously, the Company would prefer to use the monetary method for this net metering reconciliation, especially because the Company has testified to its use of this method since 2009, and it resembles what net metering programs do, nationally.

The Company has perceived two options to apply the charge of \$16,418.55 to the host and/or the satellites.

Option 1 – Apply the charge only to the host customer account and either collect it as a reduction to the host's future net metering credits, or require a separate payment.

Option 2 – Re-transfer some amount of unused net metering credits from satellite accounts back to the host customer account, and then apply the charge to the host customer account and/or the satellite accounts.

Either way, the Company would apply prorated charges to the affected customer accounts, but the method selected for the reconciliation (monetary or volumetric) would noticeably affect these charges.

PUC 6-20, page 2

Please see Attachment 6-20 for an example of using the monetary versus the volumetric method. The examples show a solar farm that earns a net metering credit on the Small C&I rate C-06 of 18.2c per kWh as compared to the underlying cost per kWh an off-taking account that has a school on the Large Demand C&I Rate G-32 currently pays. Example 1 shows the dollar amount on the rate G-32 bill if the customer elected to purchase their total use of 135,000 kWhs using net metering credits. Since the underlying account on the G-32 rate has an average cost of only 15.9c per kwh, the net metering credits cover all charges (fixed and volumetric) of the entire bill and results in \$3,175 in overpayments to that monthly bill. To prevent this, the customer should only have purchased 117,000 kWhs at the net metering credit rate. Example 2 shows the same example, but only credits the volumetric charges resulting in an overpayment of the bill of \$9,737. To prevent this, the customer should only have purchased 53,300 kWhs in net metering credits.

Example of Monetary vs Volumetric method for applying net metering credits
Effective 10/8/21

Rate	C06		NM credit for solar farm using the C06 rate
Customer charge per month (fixed)	\$10		
Renewable Energy Growth per month (fixed)	\$3.78		
LIHEAP per month (fixed)	\$0.80		
Distribution per kwh (volumetric)	\$0.05592		\$0.05592
Tranmission per kwh (volumetric)	\$0.03300		\$0.03300
Transition per kwh (volumetric)	(\$0.00145)		(\$0.00145)
EE per kwh (volumetric)	\$0.01143		
Renewable Dist Chg (NM, LTCs) per kwh (volumetric)	\$0.01160		
Default Svc per kwh (volumetric)	\$0.09509		\$0.09509
Renewable energy Standard Charge per kwh (volumetric)	\$0.00665		
 totals			
Fixed charges	\$14.58		
volumetric charge per kwh	\$0.21224	NM credit value per kwh	\$0.18256

Effective 10/8/21

Rate	G32
Customer charge per month (fixed)	\$1,100
Renewable Energy Growth per month (fixed)	\$308.96
LIHEAP per month (fixed)	\$0.80
Distribution per kwh (volumetric)	\$0.00946
Tranmission per kwh (volumetric)	\$0.01403
Transition per kwh (volumetric)	(\$0.00145)
EE per kwh (volumetric)	\$0.01143
Distribution demand charge per kW (not kwhs)	\$6.69
transmission demand charge per kW (not kwhs)	\$4.76
Renewable Dist Chg (NM, LTCs) per kwh (volumetric)	\$0.01160
Default Svc per kwh (volumetric)	\$0.05871
Renewable energy Standard Charge per kwh (volumetric)	\$0.00665

totals		
Fixed charges	\$	1,409.76
volumetric charge per kwh	\$	0.1104
demand charges per kw	\$	11.45

A meduim size high school comparison

Example #1 - NM credits can credit entire bill

assumed use		
peak demand in kws		450
monthly use in kwhs		135,000
estimated supply cost	\$	0.05871
monthly bill	\$	21,470.45
average cost per kwh	\$	0.159
Net metering credits based on 135,000 kwhs	\$	24,645.60 (135,000*\$0.18)
if NM credit can cover all charges on the bill NM credit for all kWHs at the C06 rate overpayment on bill	\$	3,175.15 (\$24,645-\$21,740)

If the customer 'bought' 135,000 kWHs from a net metering project the credits would exceed the bill by \$3,175 that month alone. To buy just enough net metering credits, the customer should only buy 117,000 kwhs (\$21,740/\$0.18)

A meduim size high school comparison

Example #2 - NM credits can't credit any fixed (non-volumetric) charges

assumed use		
peak demand in kws		450
monthly use in kwhs		135,000
estimated supply cost		\$0.05871
Fixed charges (customer, REG, LIHEAP, demand)	\$	6,562.26
volumetric (kwh) charges	\$	14,908.19
monthly bill	\$	21,470.45

calculated average cost per kwh	\$	0.159
NM credit for all kWhs only volumetric charges at the C06 rate	\$	24,645.60
overpayment on volumetric charges on bill	\$	9,737.41 (\$24,645-\$14,908)

If the customer 'bought' 135,000 kWhs from a net metering project the credits would exceed the volumetric charges on the bill by \$9,737 that month alone.

To buy just enough net metering credits to only credit the volumetric charges alone, the customer would have to purchase only 53,300 kWhs of NM credits (\$14,908/\$0.18)

PUC 6-21

Request:

Re-file the tables in Attachment PUC 5-1-2 (pages 5-49) in a machine-readable format. Add a title to each of the four tables that denotes the year and method type. Add a column to each table that lists the Facility ID for the net metering facility to which each line (account) corresponds. Add column headers and labels.

Response:

Please refer to the Confidential Excel version of Attachment PUC 6-21.

PUC 6-22

Request:

Sizing Questions

On page 2 of Attachment PUC 5-2-1, National Grid describes the size of the PV facility in question as 5 kW AC / 6.2 kW DC. Based on this information, please do the following:

- a. Calculate the real DC:AC ratio of the facility.
- b. Provide the DC:AC ratio that National Grid used when approving the facility's interconnection application.

Response:

- a. $6.2 \text{ kW} / 5 \text{ kW} = 1.2 \text{ DC:AC ratio}$.
- b. The Company does not use the DC:AC ratio when approving an interconnection application.

PUC 6-23

Request:

Referencing page 2 of Attachment PUC 5-3-1, National Grid notes that the PV facility in question is sized at 780 kW AC and 1038 kW DC. Based on this information, please do the following:

- a. Calculate the real DC:AC ratio of the facility.
- b. Provide the DC:AC ratio that National Grid used when approving the facility's interconnection application.

Response:

- a. $1038 \text{ kW} / 780 \text{ kW} = 1.33 \text{ DC: AC Ratio}$
- b. As stated in the Company's response to data request 6-22, the Company does not use the DC: AC ratio when approving an interconnection application.

PUC 6-24

Request:

On page 1 of Attachment PUC 5-2-1, National Grid lists the estimated annual generation from the PV facility as 7,052 kWh. Please explain the following:

- a. Was this estimate supplied to National Grid by the facility owner/applicant or estimated by National Grid?
- b. If it was supplied by the facility owner/applicant, please note when it was supplied to National Grid (relative to the filing of the interconnection application), and with what supporting evidence, if any.
- c. If it was estimated by National Grid, explain when it was estimated (relative to the filing of the interconnection application) and how the estimate was derived.

Response:

- a. In part. The Company calculated estimated annual generation using AC nameplate rating information provided by the customer.
- b. The applicant/facility owner provides the project parameters at the time the interconnection application is submitted.
- c. The Company estimates annual generation during the application phase, because it is required in order to deem an application complete.

PUC 6-25

Request:

Page 1 of the Schedule B in RIPUC Tariff No. 2241 requests a net metering facility applicant supply the "Estimated annual generation in kWhs of Eligible Net Metering System." Please explain the following:

- a. Does National Grid require this estimate to be supplied by every applicant, or just remote net metering facility applicants?
- b. When it reviews the application for compliance with the sizing requirements set forth in RI General Laws 39-26.4-2(5), how does National Grid use this applicant-supplied annual generation estimate?

Response:

- a. National Grid requires or develops an estimate of annual generation for all net metering applications, including those of remote net metering facilities. If a customer provides its own estimate, the Company verifies it.
- b. Until recently, the Company took the estimated annual generation and accepted the claim of the applicant that it had sufficient consumption to consume all net metering credits expected. However, the Company has recently developed a new Schedule B tool on its website for applicants to use for sizing, and to allow the Company to standardize its review of their expected future program compliance. Please see Attachment PUC 6-25 for a static version of this tool.

RI Sizing Calculator

Update the yellow fields below. Once populated the sizing review will display at the bottom.

Step 1: Enter the customer's 3 average year average usage in kWh		
Step 2: Enter the proposed panel/DC system details:		
Must match site plan provided	Azimuth	# of Panels
Side 1		
Side 2		
Side 3		
Side 4		
Side 5		
Side 6		
Total		0
Step 3: Enter the proposed inverter/AV system details:		
Net metering only	# of Inverter	Inverter Size AC
Inverter 1		
Inverter 2		
Inverter 3		
Inverter 4		
Total		0
Sizing Review		
Net Metering Size Test	Populate required information Populating the DC system details in Step 2, can help more accurately size the system	
ReGrowth Size Test	Populate required information	

Used for calculation. Do not update.				
	Capacity Factor	Proposed System DC kW	Production Kwh	
Side 1	0			
Side 2	0			
Side 3	0			
Side 4	0			
Side 5	0			
Side 6	0			
Total	0		0	
	Capacity Factor	Proposed System AC kW	Production Kwh	
Inverter 1	0.161	0		
Inverter 2	0.161	0		
Inverter 3	0.161	0		
Inverter 4	0.161	0		
Total		0	0	
Direction	Min Azimuth (Degrees) <small>Greater than</small>	Max Azimuth (Degrees) <small>Less than or equal to</small>	Capacity Factor	
North	0	45	0.119	
East	45	135	0.122	
SE	135	160	0.129	
South	160	200	0.136	
SW	200	225	0.129	
West	225	315	0.122	
North	315	360	0.119	

PUC 6-26

Request:

Consider the following hypothetical scenario: a residential customer seeks to interconnect a 5 kW AC / 10 kW DC net-metered solar facility. Assume that National Grid collects information on the AC and DC system sizes from the interconnecting customer. In this hypothetical scenario, please provide the following:

- a. A description of how National Grid would estimate the annual generation (kWh) from the facility for purposes of program eligibility review. Provide your methodology and data inputs.
- b. An estimate of the annual generation (kWh) from the facility, using the hypothetical information provided above and any system/environmental assumptions the Company currently employs. In your response, please provide the assumptions that support the estimate.

Response:

- a. Currently, the Company is estimating the annual generation (kWh) for eligibility review in its Sizing Calculator with the following formula:

$$\text{Estimated Annual Generation (kWh)} = \text{System AC Rating} \times 0.161 \text{ capacity factor} \times 8,760 \text{ hours in a year}$$

- b. In the given scenario, the estimated annual generation equals 7,051.8 kWh. The Company assumes a 0.161 capacity factor for solar PV.

While the Company perceives the value of including system and environmental assumptions in an estimate of annual generation, the net metering application today does not collect such data, whereas Renewable Energy Growth program applicants must provide it.

PUC 6-27

Request:

Consider the following hypothetical scenario: a residential customer seeks to interconnect a 5 kW AC / 10 kW DC solar facility and enroll it in the Renewable Energy Growth program. Assume that National Grid collects information on the AC and DC system sizes from the interconnecting customer. In this hypothetical scenario, please provide the following:

- a. A description of how National Grid would estimate the annual generation (kWh) from the facility for purposes of program eligibility review. Provide your methodology and data inputs.
- b. An estimate of the annual generation (kWh) from the facility, using the hypothetical information provided above and any system/environmental assumptions the Company finds appropriate. In your response, please provide the assumptions that support your estimate.

Response

- a. The Company estimates annual generation (kWh) for a Renewable Energy Growth Program ("RE Growth") system using a similar formula as it uses for net metering systems, where system rating is multiplied by capacity factor and by the number of hours in a year. However, RE Growth system annual generation also inserts DC system rating and has a range of capacity factors, depending on the azimuth of the solar panels. The Company made this change after collaborating with the DG board and DG stakeholders. Please see Attachment PUC 6-27 for a copy of a presentation to the DG board.

The sizing formula for REGrowth systems is:

DC system rating x Capacity Factor (0.119 - 0.136) x 8,760 hours in a year
Customers must size their REGrowth system to meet no more than 100% of the site's three-year average usage. The system's AC rating is then compared to quotient of the following equation to ensure the system is not oversized:

$$\text{Three-year average usage (kWh)} \div \text{Capacity factor depending on azimuth} \div 8,760 \text{ hours in a year} = \text{Max DC system size}$$

Azimuth inputs are used to determine capacity factor for a given system based on the table below, and are required from the Company on a customer's application for a REGrowth system:

PUC 6-27, page 2

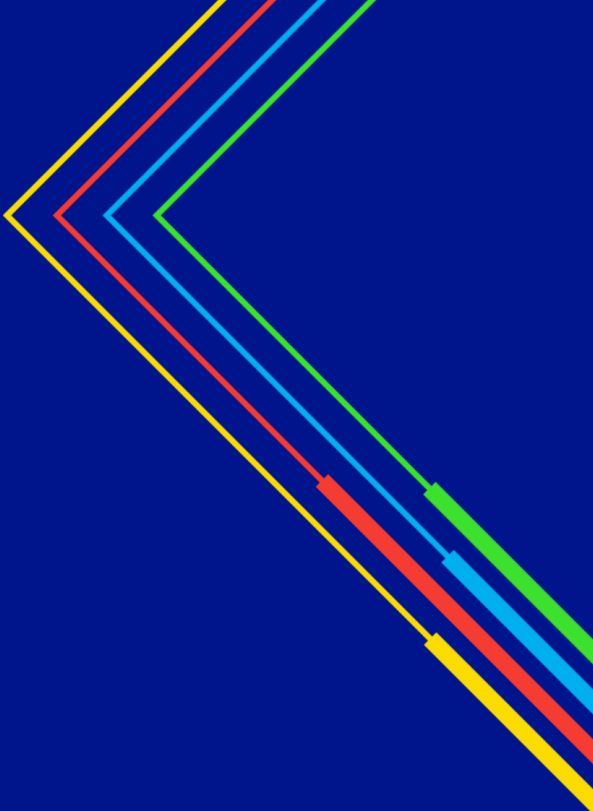
Direction	Azimuth (Degrees)	Capacity Factor
North	(315, 360] [0, 45]	0.119
East	(45, 135]	0.122
West	(225, 315]	0.122
SE & SW	(135, 160] (200, 225]	0.129
Due South	(160, 200]	0.136

- b. The estimated generation of a 10 kW DC system can be inserted into the first equation in part (a). The Capacity Factor depends on the customer provided azimuth of the system and is determined according to the table above. Both values are multiplied together and then also multiplied by 8,760 hours per year.

Capacity Factor Research Outcome

3/22/2021

nationalgrid



Disclaimer:

This presentation has been prepared solely as an aid to discussions between National Grid and interested stakeholders, and should not be used for any other purposes. This presentation and the discussion to follow contains high level, general information (not project specific) which may not be applicable in all circumstances. National Grid makes no guarantees of completeness, accuracy, or usefulness of this information, or warranties of any kind whatsoever, express or implied. National Grid assumes no responsibility or liability for any errors or omissions in the content. Nothing contained in this presentation or discussions shall constitute legal or business advice or counsel.

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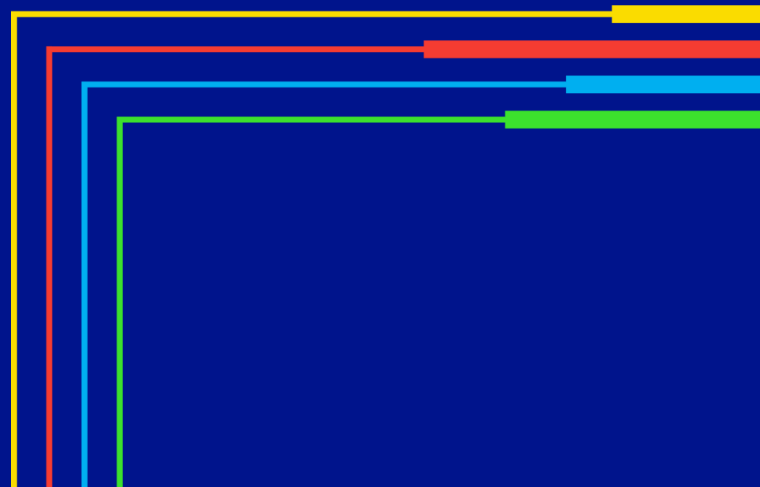
Study Details

- **Compared PV Watts estimates with NG Estimated Generation for 303 roof mounted RE-Growth projects <25 kW**
- **PV Watts Inputs: Tilt, Azimuth, DC-AC Ratio, type = roof mounted**
- **NG Estimate pulled from GridForce**
- **95% confidence interval with a 5.4% +/- margin of error based on sample size**
 - **With an average capacity factor of 12.78%, this means we can be 95% sure that the actual number is between 12.09% and 13.47%.**

1

Inputs

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Tilt and Azimuth of Arrays

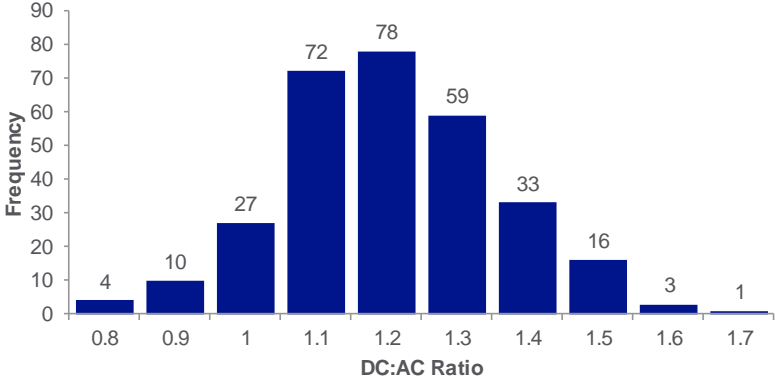
- **82% of systems fall between 150 and 208 degrees**
 - 25% sample systems at 180°
- **Optimal tilt can be considered latitude (~41.45) +/- 15 depending on the season**
- **72% systems fall in the ideal range for RI**
- **Table: Darker green = higher count of systems meeting these conditions**

Count of Input Ranges Azimuth	Tilt				
	0-9'	10-19'	20-29'	30-39'	40-50'
0-39			1		1
40-79			1	3	1
80-119	2	3	26	4	6
120-159		6	13	12	3
160-199	2	17	59	34	13
200-239	1	7	15	9	6
240-279		10	20	17	7
280-319			1	2	
320-360					1

DC:AC Ratio

- **49% of projects have DC:AC ratios between 1.1 and 1.2**
- **13% systems with a ratio less than 1**
- **7% systems with a ratio greater than 1.5**

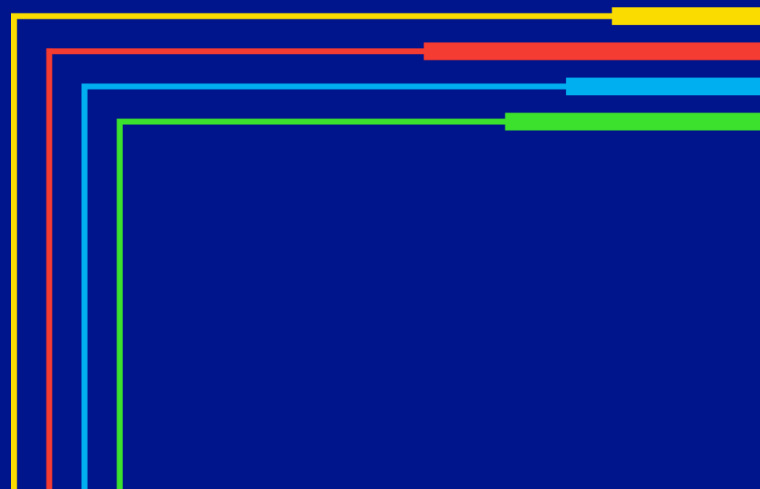
DC:AC Ratio of Systems



2

Results

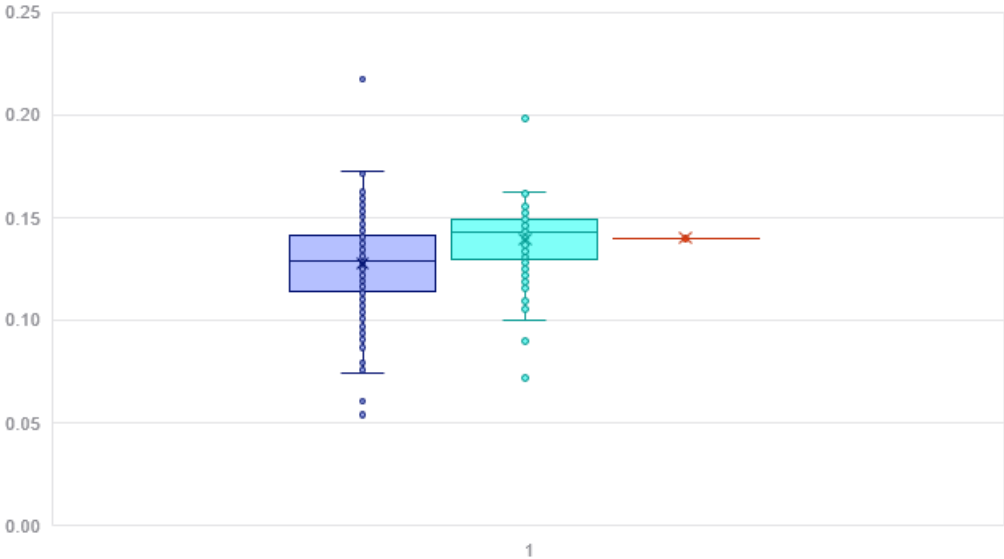
nationalgrid



Findings

- **NG Estimate and PV Watts both appear to be overestimates**
- **No significant difference between PV Watts and NG Estimate accuracy**
- **Potential to build table with tilt and azimuth based on actual CFs (requires additional data / further investigation)**
- **Actual mean capacity factor is between 12.09% and 13.47% with 95% confidence**

Comparing Capacity Factors

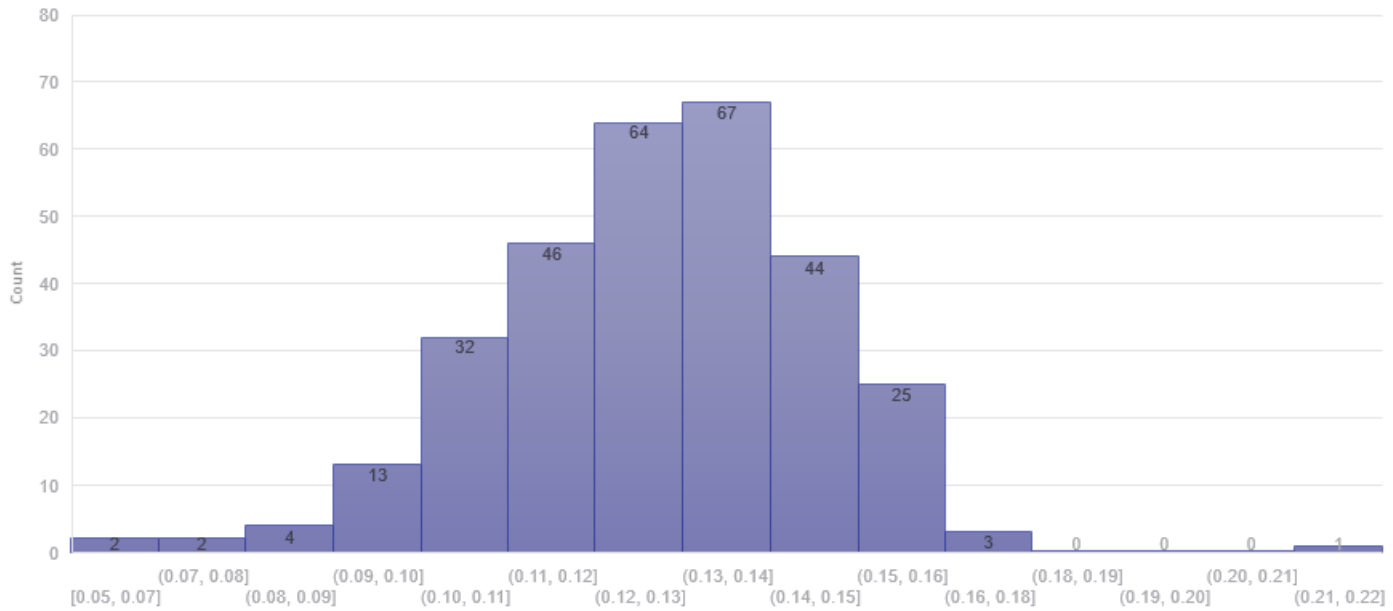


Actual CF	
Mean	.1278
Median	.1287
Min	.0541
Max	.2172

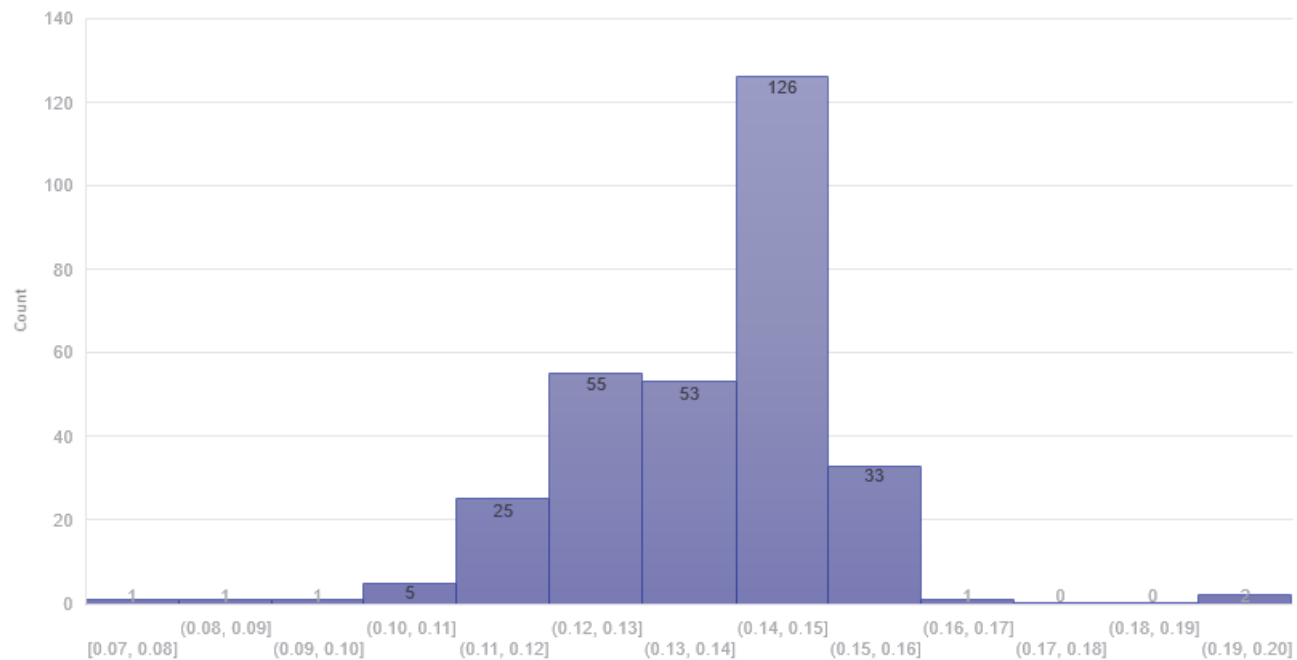
- Actual CF
- PV Watts CF
- NG CF = .14

PV Watts CF	
Mean	.1394
Median	.1432
Min	.0718
Max	.1987

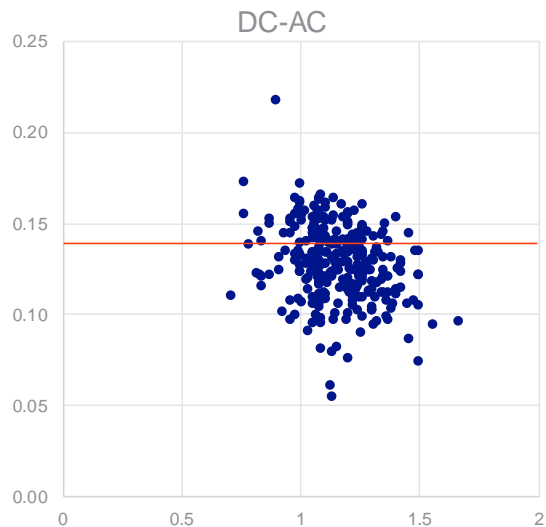
Actual Capacity Factor



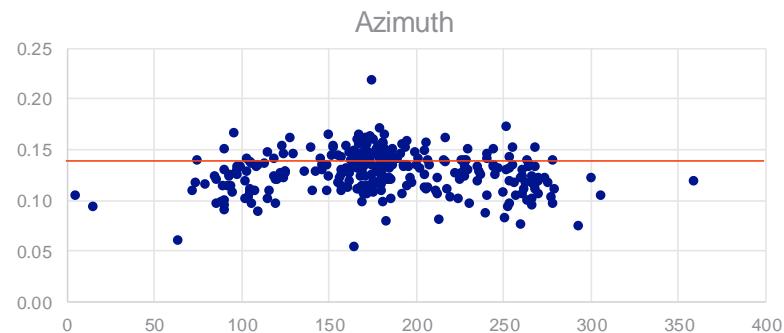
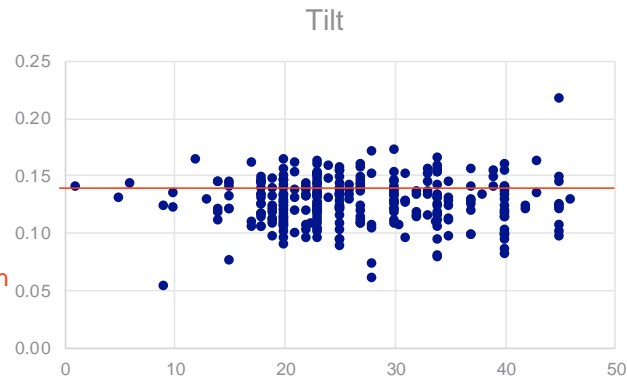
PV Watts Capacity Factor



How do inputs affect actual CF?



NG Estimate in orange



Tables

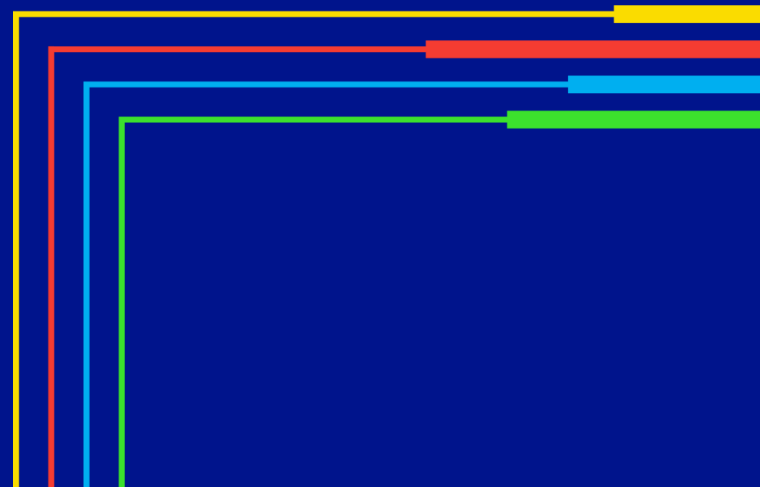
PV Watts CF	Tilt			
	0-14	15-29	30-44	45-60
Azimuth				
0-39		0.0998	0.0719	
40-79		0.1151	0.1120	
80-119	0.1266	0.1292	0.1228	0.1233
120-159	0.1367	0.1433	0.1417	
160-199	0.1384	0.1499	0.1519	0.1517
200-239	0.1333	0.1423	0.1431	0.1504
240-279	0.1312	0.1285	0.1242	0.1199
280-319		0.1091		
320-360			0.0899	

Count	Tilt			
	0-14	15-29	30-44	45-60
Azimuth				
0-39		1	1	
40-79		4	1	
80-119	3	28	8	2
120-159	1	18	15	
160-199	5	73	42	5
200-239	2	21	14	1
240-279	3	27	21	3
280-319		3		
320-360			1	

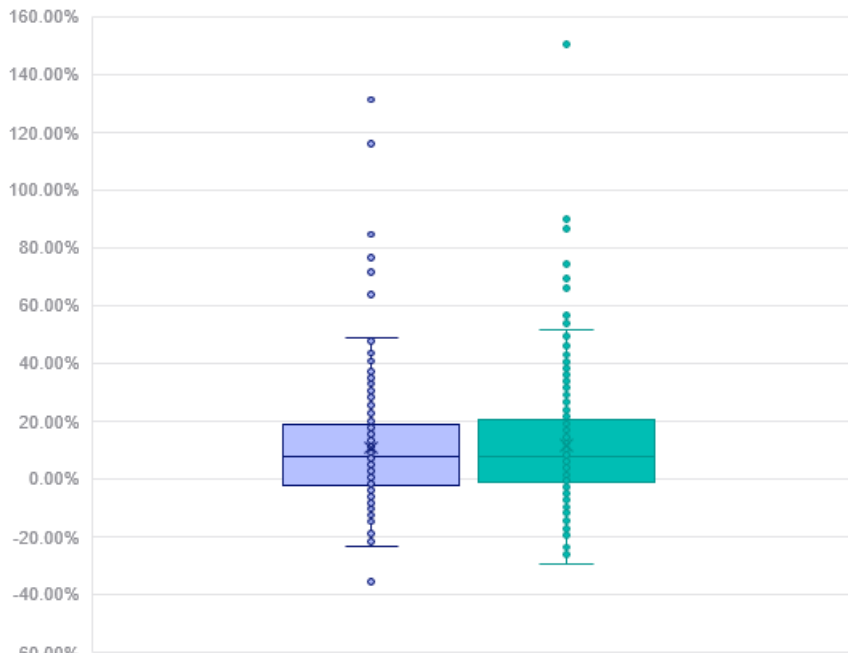
Actual CF	Tilt			
	0-14	15-29	30-44	45-60
Azimuth				
0-39		0.1051	0.0939	
40-79		0.1065	0.1161	
80-119	0.1282	0.1207	0.1191	0.0994
120-159	0.1345	0.1285	0.1351	
160-199	0.1249	0.1362	0.1334	0.1464
200-239	0.1258	0.1283	0.1234	0.1220
240-279	0.1295	0.1191	0.1183	0.1287
280-319		0.0999		
320-360			0.1179	

.14/Actual CF	Tilt			
	0-14	15-29	30-44	45-60
Azimuth				
0-39		133.20%	149.05%	
40-79		131.48%	120.55%	
80-119	109.23%	115.96%	117.52%	140.90%
120-159	104.10%	108.95%	103.66%	
160-199	112.06%	102.77%	104.94%	95.61%
200-239	111.25%	109.16%	113.41%	114.72%
240-279	108.10%	117.52%	118.33%	108.78%
280-319		140.16%		
320-360			118.79%	

Appendix



Percent Variance vs Actuals: PV Watts and NG Estimate

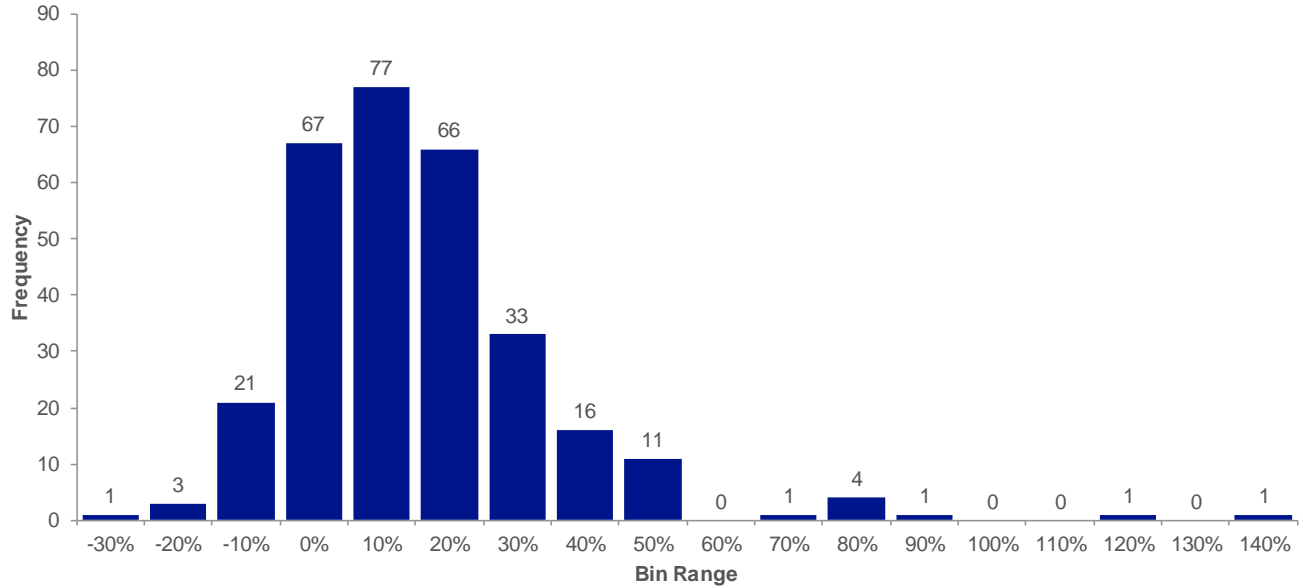


NG Estimate	
Mean	10.72%
Absolute mean	15.10%
Median	7.43%
Min	-35.5%
Max	131.13%

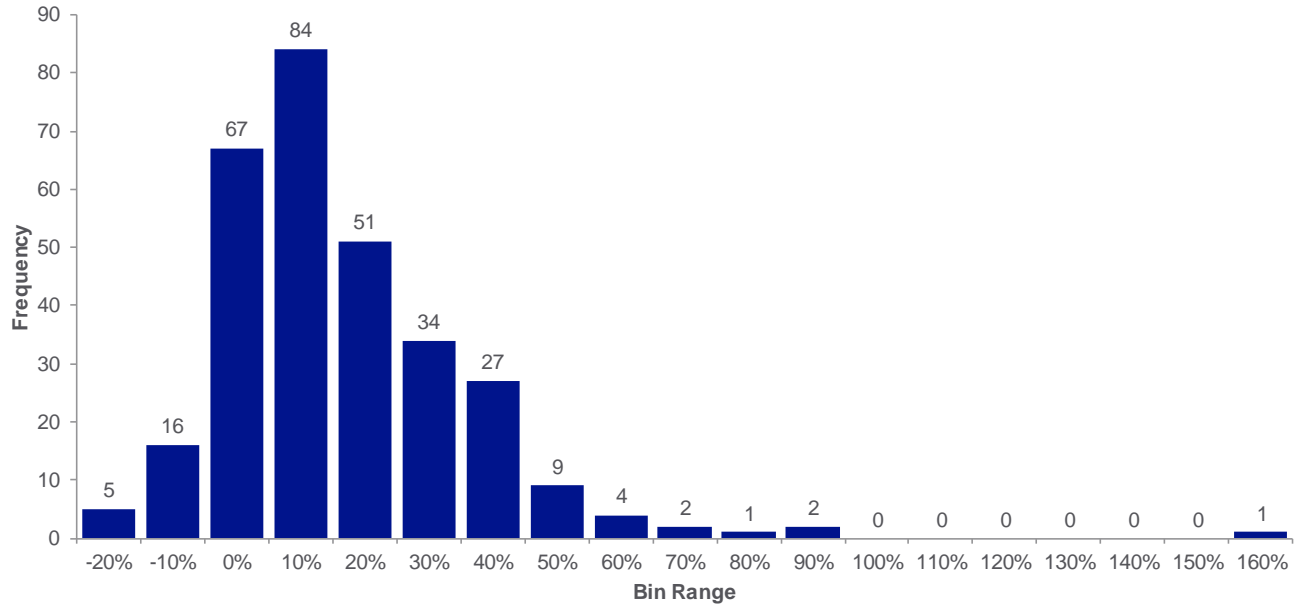
- % Variance NG Estimate [(NG Estimate - Actual)/Actual]
- % Variance PV Watts [(PV Watts - Actual)/Actual]

PV Watts Estimate	
Mean	11.50%
Absolute mean	15.62%
Median	7.94%
Min	-29.59%
Max	150.41%

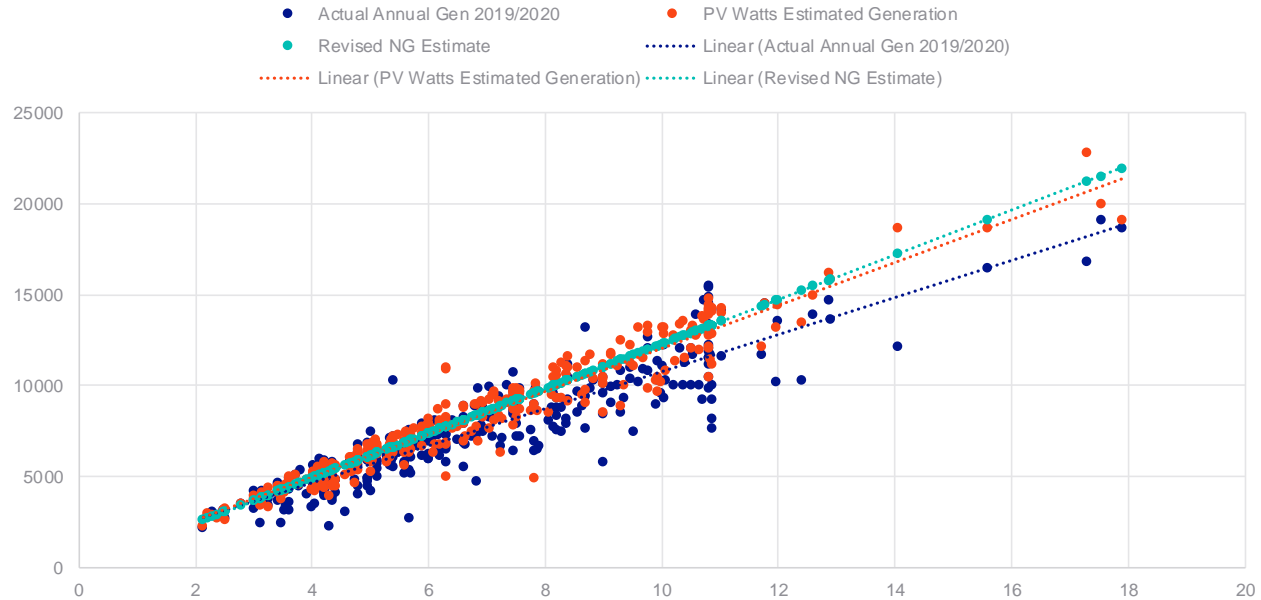
Percent Variance NG Estimate



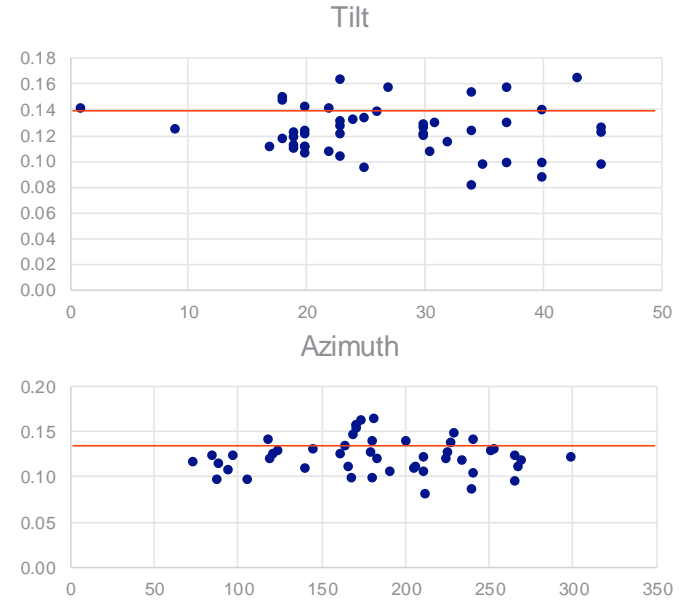
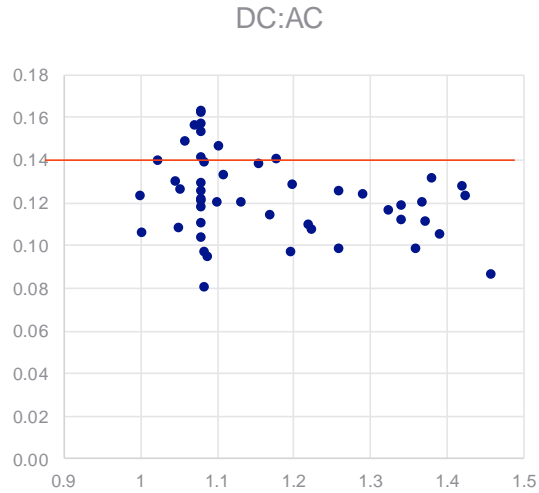
Percent Variance PV Watts Estimate



Annual Generation vs. DC Capacity (Revised NG)



How do inputs affect actual CF for large systems? (systems > 10 kw)



Tables

Average PV Watts CF	Tilt				
	0-9'	10-19'	20-29'	30-39'	40-50'
Azimuth					
0-39		0.10			0.07
40-79		0.12	0.11	0.11	
80-119	0.13	0.13	0.13	0.12	0.12
120-159		0.14	0.14	0.14	0.14
160-199	0.14	0.14	0.15	0.15	0.15
200-239	0.13	0.14	0.14	0.14	0.15
240-279		0.13	0.13	0.12	0.12
280-319		0.11	0.11		
320-360					0.09

Average Actual CF	Tilt				
	0-9'	10-19'	20-29'	30-39'	40-50'
Azimuth					
0-39		0.11			0.09
40-79		0.12	0.10	0.12	
80-119	0.13	0.13	0.12	0.13	0.11
120-159		0.13	0.13	0.13	0.14
160-199	0.10	0.13	0.14	0.13	0.14
200-239	0.14	0.13	0.13	0.12	0.13
240-279		0.12	0.12	0.12	0.11
280-319		0.12	0.09		
320-360					0.12

Count of Input Ranges	Tilt				
	0-9'	10-19'	20-29'	30-39'	40-50'
Azimuth					
0-39			1		1
40-79			1	3	1
80-119	2	3	26	4	6
120-159		6	13	12	3
160-199	2	17	59	34	13
200-239	1	7	15	9	6
240-279		10	20	17	7
280-319		1	2		
320-360					1

PUC 6-28

Request:

Page 2 of the Schedule B in RIPUC Tariff No. 2241 requests a net metering facility applicant supply the "Total three-year average kWh usage for all accounts as associated with an Eligible Net Metering System Site." In addition to requesting the total annual usage for all associated accounts, does National Grid request the annual usage for each of individual accounts? If so, please describe when and how National Grid collects that data from the applicant.

Response:

In the past, the Company relied on customer attestations regarding the accuracy of customer usage information for each "satellite" account, and compared the stated kWh usage against estimated annual generation to ensure that the customer was sizing their system properly. Since the Company discovered large accumulations of net metering credits on satellite accounts for various reasons mentioned in PUC 5-1, the Company has changed its review process. The Company is now requiring applicants to provide three-year average kWh usage for each satellite account to which they plan to transfer credits. The Company has developed a tool for customers to supply such information to the Company, which can be found on the Company's Interconnection Documents webpage, and has been provided as Attachment PUC 6-25.

PUC 6-29

Request:

It is Commission staff's understanding that as part of its interconnection approval process, National Grid reviews the Schedule B for each prospective remote net metering facility to ensure compliance with the sizing requirements set forth in R.I. Gen. Laws § 39-26.4-2(5). Regarding prospective remote net metering facilities with one or more off-taking satellite accounts, please explain the following:

- a. Does National Grid assess sizing compliance by comparing total generation to the aggregate usage of all off-taking accounts? If so, explain National Grid's review methodology. In your response, please provide a real-world example.
- b. Does National Grid also assess sizing compliance by comparing allocated generation to the individual usage of each off-taking account? If so, explain National Grid's review methodology. In your response, please provide a real-world example.

Response:

- a. Please refer to the Company's response to data request PUC 6-28.

This year, the Company created a new Schedule B tool for Net Metering systems with multiple credit recipients, where applicants/customers input the same information, but where the Excel tool sums their allocations to check the customer's addition efficiently.

For example, if a 100 kWAC system has an estimated annual generation of 141,036 kWh, then the Schedule B form includes the customer's breakdown of up to 141,036 kWh in Net Metering credits. If the host has 5 credit recipients on its form, the allocation may look like the breakdown below:

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission's Sixth Set of Data Requests
Issued September 21, 2021

PUC 6-29, page 2

Host Customer Information					
Host Customer Name					
Facility Street Address					
Host Billing Account Number					
Estimated Annual Generation (kWh)		141036			
Average 3-yr kWh Usage of Host (N/A if standalone)		0			
Is this an initial submission (Yes/No)?		Yes			
Date					
Total Estimated Annual Usage (kWh)		145000	Total Percent Allocated		100.0000%
Sizing Eligibility Criteria:		Satisfied			
Customer Name	Account Number	Billing Address	Special Entity Type	Amount of Net Metering Credit being Allocated (% (enter 5.25% as 5.25))	Average 3 year kWh historical usage
	1		Public Entity	20.0000	29000.0000
	2		Public Entity	20.0000	29000.0000
	3		Public Entity	20.0000	29000.0000
	4		Public Entity	30.0000	43500.0000
	5		Public Entity	10.0000	14500.0000

- b. Yes, National Grid assesses sizing compliance by comparing allocated generation to the 3-year average usage of credit recipient accounts. The percentage allocation on the Company's current Excel-based Schedule B form (above) shows the percentage allocation to a credit recipient in terms of credit dollars, ensuring that the total allocation does not sum more than 100%.

The column for 3-year average usage on a recipient account is validated against the total generation not consumed on-site, which in the example above is all the Net Metering system's generation by providing an error message if any one recipient's average usage is less than the approximate kWh their credits account for. An example of this validation is below:

The Narragansett Electric Company
d/b/a National Grid
RIPUC Docket No. 5127
In Re: 2021 Annual Retail Rate Filing
Responses to the Commission’s Sixth Set of Data Requests
Issued September 21, 2021

PUC 6-29, page 3

Host Customer Information						
Host Customer Name						
Facility Street Address						
Host Billing Account Number						
Estimated Annual Generation (kWh)		141036				
Average 3-yr kWh Usage of Host (N/A if standalone)		0				
Is this an initial submission (Yes/No)?		Yes				
Date						
Total Estimated Annual Usage (kWh)		115500	Total Percent Allocated		100.0000%	
Sizing Eligibility Criteria: Not Satisfied. Generation exceeds usage by 25,536 kWh						
Allocation Warning: Allocation exceeds usage for 2 satellite(s) (See column M)						
Customer Name	Account Number	Billing Address	Special Entity Type	Amount of Net Metering Credit being Allocated (%) (enter 5.25% as 5.25)	Average 3 year kWh historical usage	
	1		Public Entry	20.0000	29000.0000	
	2		Public Entry	20.0000	29000.0000	
	3		Public Entry	20.0000	14000.0000	allocation exceeds usage
	4		Public Entry	30.0000	20000.0000	allocation exceeds usage
	5		Public Entry	10.0000	23500.0000	

In this example, accounts 3 and 4 maintained an acceptable percentage in their percent allocation column, but their 3-year average usages were less than the approximate generation that is allocated to them, based on the breakdown of credits. Due to this sizing compliance issue, the message, “Not Satisfied. Generation exceeds usage by 25,536 kWh” Appears in the “Sizing Eligibility Criteria” section of the tool and “Allocation exceeds usage” appears to the right of cells with inadequate 3-year average usage.

PUC 6-30

Request:

Regarding the Renewable Energy Growth Program, which enrollment categories are subject to the three-year annual consumption sizing rule **by law and tariff?**

Response:

As far as Renewable Energy Growth Program projects are concerned, community remote distributed generation systems may only transfer credits to accounts in an amount that does not exceed a credit recipient's three-year average usage, relative to their allocation of credits from a Host system's estimated annual usage, according to R.I. Gen Laws § 39-26.6-27. However, there are other rules that apply to project participants and recipients of credits.

PUC 6-31

Request:

Regarding the Regarding the Renewable Energy Growth Program, which enrollment categories are subject to the three-year annual consumption sizing rule **by tariff only?**

Response:

According to the Renewable Energy Growth Program (“REGrowth”) tariffs, both for Residential and Non-Residential Customers, all REGrowth systems are subject to sizing requirements similar to their net metering system counterparts.

Small Residential REGrowth systems are subject to sizing based on a site’s three-year average usage. Commercial-scale projects in all size classes are also subject to this rule. In the case of an applicant selecting Option 2 for its compensation during the life of the REGrowth system, the applicant opts to be paid in a combination of direct payment to the Host and to bill credit recipients. Similar to net metering “host customers”, REGrowth “hosts” cannot allocate more credits than what would correspond to any recipient’s three-year average usage.

PUC 6-32

Request:

For all facilities that fall under the categories identified in response to PUC 6-31 and 6-32, using data from calendar-year 2019, please provide in a table:

- a. a unique entry identifier;
- b. the enrollment category (e.g., small solar, CRDG, shared solar, etc.);
- c. the estimated annual generation;
- d. the actual 2019 generation;
- e. the ratio of actual generation to estimated generation;
- f. the estimated annual usage;
- g. the actual 2019 usage; and
- h. the ratio of actual usage to estimated usage.

In all responses above, please assume usage and generation refer to kilowatt-hours and not monetary metrics. Please exclude any facility that did not become operation before January 2019.

Response:

Please see Attachment PUC 6-32.

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	12,105	11,630	0.961	1,344	10,384	7.726	7/29/2015
	Small Scale	10,645	9,319	0.875	8,341	10,595	1.270	8/31/2015
	Small Scale	10,302	10,030	0.974	16,257	16,085	0.989	9/25/2015
	Small Scale	10,989	10,780	0.981	9,153	10,589	1.157	10/9/2015
	Small Scale	10,302	11,132	1.081	9,222	7,744	0.840	10/9/2015
	Small Scale	7,358	5,716	0.777	8,505	8,982	1.056	10/9/2015
	Small Scale	5,838	4,777	0.818	4,747	6,291	1.325	10/27/2015
	Small Scale	8,241	7,230	0.877	7,448	7,163	0.962	11/3/2015
	Small Scale	12,019	11,311	0.941	10,901	16,034	1.471	11/4/2015
	Small Scale	10,989	9,207	0.838	14,627	15,816	1.081	11/17/2015
	Small Scale	11,332	10,182	0.899	9,177	6,122	0.667	11/17/2015
	Small Scale	9,787	7,625	0.779	9,523	8,727	0.916	12/7/2015
	Small Scale	11,258	13,009	1.155	11,235	10,669	0.950	12/9/2015
	Small Scale	11,884	12,768	1.074	44,382	42,360	0.954	12/14/2015
	Small Scale	2,815	3,064	1.089	3,030	3,568	1.178	12/23/2015
	Small Scale	5,629	5,917	1.051	6,199	7,210	1.163	12/23/2015
	Small Scale	10,731	11,913	1.110	9,150	9,158	1.001	12/23/2015
	Small Scale	3,753	3,040	0.810	5,020	4,292	0.855	12/23/2015
	Small Scale	10,952	10,393	0.949	8,823	11,666	1.322	12/23/2015
	Small Scale	5,494	5,194	0.945	4,526	4,485	0.991	12/23/2015
	Small Scale	9,382	10,185	1.086	10,582	7,754	0.733	12/28/2015
	Small Scale	8,738	8,297	0.950	9,420	8,918	0.947	12/28/2015
	Small Scale	3,440	3,767	1.095	3,321	4,807	1.447	12/28/2015
	Small Scale	12,362	7,801	0.631	6,310	2,068	0.328	12/31/2015
	Small Scale	7,506	7,280	0.970	7,054	6,728	0.954	12/31/2015
	Small Scale	10,633	11,482	1.080	10,169	9,746	0.958	1/7/2016
	Small Scale	7,555	7,953	1.053	6,740	8,384	1.244	1/7/2016
	Small Scale	6,733	5,935	0.881	9,408	8,850	0.941	1/7/2016
	Small Scale	8,757	8,093	0.924	20,306	18,006	0.887	1/12/2016
	Small Scale	7,481	7,171	0.959	6,376	7,502	1.177	1/19/2016
	Small Scale	5,948	6,756	1.136	13,858	15,462	1.116	1/19/2016
	Small Scale	8,757	5,804	0.663	8,374	8,128	0.971	1/19/2016
	Small Scale	13,392	10,709	0.800	8,904	12,450	1.398	1/29/2016
	Small Scale	7,506	5,979	0.797	1,758	8,071	4.591	2/1/2016
	Small Scale	5,887	5,298	0.900	4,768	5,861	1.229	2/1/2016
	Small Scale	12,019	8,948	0.745	13,090	11,764	0.899	2/2/2016
	Small Scale	12,019	12,285	1.022	12,855	12,014	0.935	2/3/2016
	Small Scale	10,302	9,772	0.949	5,987	6,339	1.059	2/3/2016
	Small Scale	12,019	10,533	0.876	17,471	18,321	1.049	2/3/2016
	Small Scale	12,479	10,948	0.877	16,772	13,990	0.834	2/3/2016
	Small Scale	5,629	5,208	0.925	5,479	4,497	0.821	2/3/2016
	Small Scale	5,985	4,939	0.825	5,251	6,209	1.182	2/3/2016
	Small Scale	5,629	6,134	1.090	6,920	6,408	0.926	2/10/2016
	Small Scale	5,525	5,921	1.072	5,573	5,915	1.061	2/12/2016
	Small Scale	4,378	4,525	1.034	5,303	4,855	0.916	2/18/2016
	Small Scale	11,957	9,698	0.811	9,553	10,264	1.074	2/18/2016
	Small Scale	11,884	9,013	0.758	16,888	17,845	1.057	2/18/2016
	Small Scale	5,004	5,244	1.048	5,575	4,550	0.816	2/18/2016
	Small Scale	4,550	4,115	0.904	4,690	4,745	1.012	2/29/2016
	Small Scale	10,320	9,258	0.897	10,314	11,169	1.083	2/29/2016
	Small Scale	8,444	7,758	0.919	9,530	9,591	1.006	3/4/2016
	Small Scale	9,137	8,934	0.978	18,247	17,023	0.933	3/4/2016
	Small Scale	9,725	10,120	1.041	13,085	16,693	1.276	3/4/2016
	Small Scale	4,967	5,418	1.091	6,284	8,913	1.418	3/4/2016
	Small Scale	6,623	5,966	0.901	5,677	5,020	0.884	3/7/2016
	Small Scale	8,462	8,293	0.980	34,427	56,551	1.643	3/10/2016
	Small Scale	11,700	6,886	0.589	9,486	14,759	1.556	3/11/2016
	Small Scale	5,985	6,068	1.014	6,721	4,113	0.612	3/15/2016
	Small Scale	13,392	10,548	0.788	15,367	16,999	1.106	3/21/2016
	Small Scale	9,425	9,911	1.052	10,308	8,953	0.869	3/23/2016
	Small Scale	9,566	7,264	0.759	9,352	12,261	1.311	3/23/2016
	Small Scale	7,653	6,161	0.805	8,098	7,896	0.975	3/23/2016
	Small Scale	11,798	11,645	0.987	13,412	12,964	0.967	3/23/2016
	Small Scale	10,007	8,109	0.810	32,062	12,831	0.400	3/23/2016
	Small Scale	10,725	5,333	0.497	6,247	5,125	0.820	3/23/2016
	Small Scale	11,185	11,510	1.029	4,764	4,497	0.944	3/23/2016
	Small Scale	5,316	4,511	0.849	6,002	5,939	0.990	3/23/2016
	Small Scale	8,444	8,767	1.038	8,748	8,067	0.922	3/23/2016
	Small Scale	6,623	5,682	0.858	10,149	8,321	0.820	3/23/2016
	Small Scale	9,100	9,346	1.027	9,435	10,121	1.073	3/23/2016
	Small Scale	7,015	5,272	0.752	1,344	6,507	4.842	3/23/2016
	Small Scale	10,725	9,515	0.887	9,979	8,606	0.862	3/23/2016
	Small Scale	13,392	12,891	0.963	11,607	11,848	1.021	3/23/2016
	Small Scale	13,282	11,269	0.848	12,449	11,780	0.946	3/23/2016
	Small Scale	6,255	6,018	0.962	7,642	8,667	1.134	3/23/2016
	Small Scale	12,350	10,846	0.878	10,123	10,374	1.025	3/23/2016
	Small Scale	5,519	4,767	0.864	19,552	19,137	0.979	3/23/2016
	Small Scale	6,009	5,827	0.970	8,602	13,610	1.582	3/23/2016
	Small Scale	12,117	13,177	1.087	12,354	13,321	1.078	3/23/2016
	Small Scale	13,073	6,212	0.475	12,570	13,743	1.093	3/23/2016
	Small Scale	11,038	10,936	0.991	11,253	12,846	1.142	3/23/2016
	Small Scale	5,629	4,747	0.843	7,350	7,402	1.007	3/28/2016
	Small Scale	7,506	5,841	0.778	10,193	11,908	1.168	3/28/2016
	Small Scale	5,887	5,796	0.985	5,544	5,183	0.935	3/28/2016
	Small Scale	6,255	6,112	0.977	8,012	5,234	0.653	3/28/2016
	Small Scale	4,194	2,839	0.677	6,960	5,982	0.859	3/28/2016
	Small Scale	5,838	6,366	1.091	12,294	15,805	1.286	4/7/2016
	Small Scale	5,629	5,823	1.034	8,014	6,395	0.798	4/7/2016
	Small Scale	11,700	11,766	1.006	13,154	11,744	0.893	4/7/2016
	Small Scale	6,377	4,285	0.672	4,860	5,872	1.208	4/8/2016

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	7,653	6,935	0.906	7,702	8,019	1.041	4/18/2016
	Small Scale	9,615	10,711	1.114	11,624	13,931	1.198	4/18/2016
	Small Scale	13,282	13,174	0.992	12,663	12,939	1.022	4/18/2016
	Small Scale	10,081	7,253	0.719	19,412	19,521	1.006	4/18/2016
	Small Scale	6,843	6,633	0.969	13,376	11,050	0.826	4/18/2016
	Small Scale	5,942	5,603	0.943	19,418	20,334	1.047	4/18/2016
	Small Scale	11,773	10,321	0.877	13,984	19,453	1.391	4/18/2016
	Small Scale	6,255	7,064	1.129	8,262	5,949	0.720	4/18/2016
	Small Scale	11,479	8,794	0.766	12,918	9,383	0.726	4/18/2016
	Small Scale	9,566	8,664	0.906	9,072	10,065	1.109	4/18/2016
	Small Scale	10,989	11,272	1.026	30,862	27,021	0.876	4/18/2016
	Small Scale	6,365	5,071	0.797	14,796	18,381	1.242	4/18/2016
	Small Scale	9,566	9,778	1.022	11,835	8,220	0.695	4/18/2016
	Small Scale	8,389	7,262	0.866	6,058	5,507	0.909	4/18/2016
	Small Scale	8,125	8,065	0.993	7,295	6,804	0.933	4/18/2016
	Small Scale	13,245	14,778	1.116	15,551	14,230	0.915	4/18/2016
	Small Scale	4,464	3,836	0.859	11,727	10,342	0.882	4/18/2016
	Small Scale	7,506	5,935	0.791	5,681	4,889	0.861	4/18/2016
	Small Scale	10,946	8,253	0.754	8,718	8,142	0.934	4/19/2016
	Small Scale	8,450	7,310	0.865	7,922	9,319	1.176	4/19/2016
	Small Scale	5,592	5,776	1.033	5,153	4,511	0.875	4/19/2016
	Small Scale	5,151	5,231	1.016	11,919	10,712	0.899	4/19/2016
	Small Scale	10,007	7,520	0.751	24,571	25,589	1.041	4/20/2016
	Small Scale	5,985	5,524	0.923	7,550	5,464	0.724	4/20/2016
	Small Scale	5,617	5,720	1.018	13,759	12,839	0.933	4/20/2016
	Small Scale	7,457	8,972	1.203	10,709	14,264	1.332	4/20/2016
	Small Scale	11,038	11,943	1.082	11,067	8,376	0.757	4/21/2016
	Small Scale	3,900	3,772	0.967	3,350	3,146	0.939	4/21/2016
	Small Scale	5,691	5,647	0.992	5,832	6,274	1.076	4/25/2016
	Small Scale	12,264	9,666	0.788	20,141	29,580	1.469	4/27/2016
	Small Scale	8,928	8,272	0.927	13,260	13,671	1.031	4/27/2016
	Small Scale	6,402	5,450	0.851	11,553	12,346	1.069	4/27/2016
	Small Scale	7,015	6,315	0.900	8,067	7,862	0.975	4/27/2016
	Small Scale	3,189	3,372	1.058	2,187	2,398	1.096	4/27/2016
	Small Scale	10,523	9,367	0.890	9,119	13,618	1.493	4/27/2016
	Small Scale	10,204	8,122	0.796	12,361	11,614	0.940	4/27/2016
	Small Scale	9,566	9,700	1.014	11,811	10,858	0.919	4/27/2016
	Small Scale	9,198	8,935	0.971	8,193	7,604	0.928	4/28/2016
	Small Scale	10,841	9,649	0.890	12,635	16,304	1.290	4/28/2016
	Small Scale	13,392	14,240	1.063	19,971	20,677	1.035	4/28/2016
	Small Scale	7,015	5,908	0.842	6,407	7,359	1.149	4/29/2016
	Small Scale	13,392	14,650	1.094	13,889	8,914	0.642	4/29/2016
	Small Scale	8,830	10,121	1.146	9,500	11,330	1.193	4/29/2016
	Small Scale	5,004	5,278	1.055	6,774	7,776	1.148	4/29/2016
	Small Scale	6,255	4,359	0.697	7,168	7,035	0.981	4/29/2016
	Small Scale	12,141	12,467	1.027	21,782	32,950	1.513	4/29/2016
	Small Scale	5,323	4,059	0.763	6,811	5,439	0.799	4/29/2016
	Small Scale	3,777	4,125	1.092	17,806	16,312	0.916	5/2/2016
	Small Scale	8,775	7,505	0.855	6,671	6,314	0.946	5/2/2016
	Small Scale	11,148	8,140	0.730	10,978	14,415	1.313	5/2/2016
	Small Scale	10,486	10,961	1.045	10,745	11,488	1.069	5/2/2016
	Small Scale	13,392	11,049	0.825	19,627	16,759	0.854	5/3/2016
	Small Scale	3,753	4,077	1.086	3,809	3,652	0.959	5/3/2016
	Small Scale	12,166	10,386	0.854	64,049	52,615	0.821	5/5/2016
	Small Scale	5,629	4,638	0.824	4,936	3,757	0.761	5/6/2016
	Small Scale	9,247	6,796	0.735	7,428	7,735	1.041	5/6/2016
	Small Scale	12,344	13,032	1.056	13,496	10,974	0.813	5/9/2016
	Small Scale	7,015	5,853	0.834	5,296	5,195	0.981	5/9/2016
	Small Scale	10,927	8,916	0.816	9,487	9,248	0.975	5/10/2016
	Small Scale	6,990	5,219	0.747	9,433	10,436	1.106	5/10/2016
	Small Scale	9,100	10,767	1.183	9,611	9,871	1.027	5/11/2016
	Small Scale	9,566	9,618	1.005	29,457	28,556	0.969	5/11/2016
	Small Scale	6,567	4,938	0.752	7,143	5,333	0.747	5/12/2016
	Small Scale	6,567	4,938	0.752	7,143	5,333	0.747	5/12/2016
	Small Scale	12,025	9,649	0.802	10,252	6,636	0.647	5/12/2016
	Small Scale	9,247	8,312	0.899	9,682	10,874	1.123	5/12/2016
	Small Scale	12,509	11,997	0.959	13,412	14,910	1.112	5/12/2016
	Small Scale	6,592	5,712	0.867	21,907	14,080	0.643	5/13/2016
	Small Scale	2,361	1,865	0.790	3,144	5,621	1.788	5/13/2016
	Small Scale	5,316	4,868	0.916	5,453	5,273	0.967	5/13/2016
	Small Scale	10,670	11,282	1.057	6,226	8,062	1.295	5/13/2016
	Small Scale	10,645	10,608	0.997	10,089	8,906	0.883	5/13/2016
	Small Scale	10,204	10,631	1.042	9,416	7,686	0.816	5/13/2016
	Small Scale	10,670	9,214	0.864	10,700	13,615	1.272	5/13/2016
	Small Scale	5,151	6,068	1.178	5,444	6,794	1.248	5/13/2016
	Small Scale	5,592	3,249	0.581	13,079	12,969	0.992	5/13/2016
	Small Scale	6,831	5,863	0.858	5,066	4,012	0.792	5/13/2016
	Small Scale	8,241	7,615	0.924	9,175	9,509	1.036	5/13/2016
	Small Scale	3,434	6,876	2.002	4,303	5,333	1.239	5/13/2016
	Small Scale	13,392	8,766	0.655	9,696	8,658	0.893	5/16/2016
	Small Scale	6,856	8,268	1.206	14,777	14,481	0.980	5/16/2016
	Small Scale	6,990	6,334	0.906	6,446	9,190	1.426	5/16/2016
	Small Scale	3,753	3,522	0.939	4,651	3,987	0.857	5/19/2016
	Small Scale	9,198	8,872	0.965	9,292	9,518	1.024	5/19/2016
	Small Scale	13,650	11,008	0.806	10,408	12,869	1.236	5/19/2016
	Small Scale	7,334	5,536	0.755	13,510	10,741	0.795	5/19/2016
	Small Scale	13,159	13,611	1.034	26,366	24,362	0.924	5/20/2016
	Small Scale	9,198	8,460	0.920	12,982	12,657	0.975	5/20/2016
	Small Scale	8,131	6,470	0.796	7,892	7,610	0.964	5/20/2016
	Small Scale	13,392	12,600	0.941	20,790	18,900	0.909	5/24/2016

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	9,934	9,596	0.966	9,040	9,337	1.033	5/24/2016
	Small Scale	4,660	3,909	0.839	3,555	3,389	0.953	5/24/2016
	Small Scale	6,868	6,497	0.946	11,380	12,068	1.060	5/24/2016
	Small Scale	6,451	8,660	1.342	9,348	5,939	0.635	5/24/2016
	Small Scale	10,136	10,285	1.015	7,118	9,858	1.385	5/24/2016
	Small Scale	4,544	4,680	1.030	2,517	3,180	1.263	5/27/2016
	Small Scale	7,358	7,638	1.038	7,376	10,586	1.435	6/1/2016
	Small Scale	8,125	8,784	1.081	11,329	8,841	0.780	6/2/2016
	Small Scale	4,464	3,059	0.685	5,520	5,658	1.025	6/2/2016
	Small Scale	10,670	10,519	0.986	6,493	177	0.027	6/2/2016
	Small Scale	6,745	4,956	0.735	5,834	6,604	1.132	6/7/2016
	Small Scale	5,740	5,357	0.933	5,300	5,488	1.035	6/7/2016
	Small Scale	13,282	10,881	0.819	17,678	19,661	1.112	6/7/2016
	Small Scale	13,135	10,665	0.812	11,104	9,188	0.827	6/7/2016
	Small Scale	2,502	1,639	0.655	6,111	9,775	1.600	6/7/2016
	Small Scale	7,800	6,825	0.875	6,961	10,541	1.514	6/7/2016
	Small Scale	9,124	10,115	1.109	7,169	9,025	1.259	6/7/2016
	Small Scale	6,843	6,872	1.004	20,707	18,274	0.883	6/7/2016
	Small Scale	3,127	2,761	0.883	6,779	7,303	1.077	6/7/2016
	Small Scale	6,831	6,753	0.989	11,481	11,735	1.022	6/7/2016
	Small Scale	11,185	11,678	1.044	14,947	13,797	0.923	6/7/2016
	Small Scale	11,737	10,865	0.926	18,782	18,975	1.010	6/7/2016
	Small Scale	9,069	7,744	0.854	13,827	14,392	1.041	6/7/2016
	Small Scale	6,623	6,686	1.010	9,486	13,516	1.425	6/7/2016
	Small Scale	10,400	10,057	0.967	16,284	16,069	0.987	6/7/2016
	Small Scale	9,321	11,228	1.205	16,320	23,007	1.410	6/7/2016
	Small Scale	10,302	12,296	1.194	11,017	10,828	0.983	6/7/2016
	Small Scale	5,629	5,441	0.967	6,667	4,475	0.671	6/7/2016
	Small Scale	7,506	6,644	0.885	8,496	9,689	1.140	6/8/2016
	Small Scale	5,102	4,510	0.884	9,943	8,967	0.902	6/8/2016
	Small Scale	12,025	9,353	0.778	15,146	12,622	0.833	6/8/2016
	Small Scale	13,073	11,250	0.861	9,520	11,519	1.210	6/8/2016
	Small Scale	9,198	5,765	0.627	8,868	17,015	1.919	6/8/2016
	Small Scale	13,184	8,938	0.678	10,880	10,062	0.925	6/8/2016
	Small Scale	10,523	7,498	0.713	9,424	12,276	1.303	6/8/2016
	Small Scale	7,800	7,170	0.919	6,847	8,367	1.222	6/8/2016
	Small Scale	7,015	7,636	1.089	8,490	6,405	0.754	6/8/2016
	Small Scale	5,948	5,148	0.865	7,767	6,473	0.833	6/8/2016
	Small Scale	6,623	7,441	1.124	2,512	4,182	1.665	6/8/2016
	Small Scale	9,198	1,742	0.189	11,027	10,898	0.988	6/8/2016
	Small Scale	4,869	7,598	1.561	8,487	6,395	0.754	6/8/2016
	Small Scale	10,302	9,548	0.927	9,849	10,307	1.047	6/8/2016
	Small Scale	9,382	5,846	0.623	22,577	24,968	1.106	6/8/2016
	Small Scale	3,660	4,022	1.099	4,510	5,018	1.113	6/8/2016
	Small Scale	10,989	9,937	0.904	30,489	15,110	0.496	6/8/2016
	Small Scale	7,015	7,226	1.030	7,609	8,731	1.147	6/9/2016
	Small Scale	6,868	5,252	0.765	7,422	6,401	0.862	6/9/2016
	Small Scale	9,934	5,476	0.551	11,151	7,150	0.641	6/9/2016
	Small Scale	6,990	8,035	1.149	7,169	6,728	0.938	6/9/2016
	Small Scale	7,665	5,710	0.745	6,327	5,163	0.816	6/9/2016
	Small Scale	4,066	2,761	0.679	3,859	3,087	0.800	6/9/2016
	Small Scale	13,245	11,135	0.841	12,244	11,316	0.924	6/9/2016
	Small Scale	5,102	5,385	1.056	6,341	8,763	1.382	6/9/2016
	Small Scale	17,488	14,138	0.808	18,604	17,008	0.914	6/9/2016
	Small Scale	10,841	9,987	0.921	19,249	22,165	1.151	6/9/2016
	Small Scale	13,392	11,438	0.854	20,690	20,548	0.993	6/10/2016
	Small Scale	16,483	22,077	1.339	14,794	11,906	0.805	6/10/2016
	Small Scale	10,007	6,885	0.688	12,176	9,859	0.810	6/10/2016
	Small Scale	12,448	12,068	0.969	12,185	12,177	0.999	6/13/2016
	Small Scale	6,623	5,802	0.876	5,530	15,562	2.814	6/13/2016
	Small Scale	9,382	7,966	0.849	10,893	17,437	1.601	6/13/2016
	Small Scale	6,083	5,511	0.906	13,876	13,272	0.956	6/13/2016
	Small Scale	10,670	5,848	0.548	10,399	14,730	1.416	6/13/2016
	Small Scale	12,117	10,756	0.888	14,010	15,601	1.114	6/13/2016
	Small Scale	6,843	6,946	1.015	6,803	5,535	0.814	6/13/2016
	Small Scale	6,500	6,346	0.976	31,168	29,288	0.940	6/13/2016
	Small Scale	2,894	2,766	0.956	5,164	3,353	0.649	6/13/2016
	Small Scale	11,229	10,729	0.955	14,917	14,620	0.980	6/14/2016
	Small Scale	6,255	6,344	1.014	10,609	11,095	1.046	6/15/2016
	Small Scale	11,970	11,188	0.935	12,507	13,552	1.084	6/15/2016
	Small Scale	5,316	3,311	0.623	9,832	12,549	1.276	6/16/2016
	Small Scale	5,519	5,565	1.008	6,645	6,672	1.004	6/16/2016
	Small Scale	5,629	4,747	0.843	6,013	5,260	0.875	6/16/2016
	Small Scale	4,783	4,297	0.898	5,224	5,726	1.096	6/16/2016
	Small Scale	8,830	6,881	0.779	20,690	22,407	1.083	6/16/2016
	Small Scale	4,047	3,215	0.794	8,781	8,868	1.010	6/16/2016
	Small Scale	11,651	9,366	0.804	8,036	7,612	0.947	6/16/2016
	Small Scale	6,255	5,908	0.945	15,219	14,954	0.983	6/17/2016
	Small Scale	5,151	4,859	0.943	7,790	7,343	0.943	6/17/2016
	Small Scale	11,160	8,338	0.747	11,187	12,923	1.155	6/17/2016
	Small Scale	10,841	8,782	0.810	5,836	9,542	1.635	6/17/2016
	Small Scale	9,958	10,104	1.015	6,090	7,385	1.213	6/17/2016
	Small Scale	9,431	8,130	0.862	7,591	7,012	0.924	6/22/2016
	Small Scale	5,004	4,872	0.974	11,600	13,159	1.134	6/22/2016
	Small Scale	21,339	19,700	0.923	19,789	20,724	1.047	6/22/2016
	Small Scale	4,415	4,271	0.967	8,705	7,344	0.844	6/22/2016
	Small Scale	6,745	6,195	0.918	6,638	8,110	1.222	6/22/2016
	Small Scale	9,382	9,648	1.028	9,766	9,543	0.977	6/22/2016
	Small Scale	13,245	14,522	1.096	8,234	18,911	2.297	6/22/2016
	Small Scale	5,519	2,359	0.427	12,443	9,626	0.774	6/23/2016

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	3,440	2,862	0.832	5,270	5,465	1.037	6/23/2016
	Small Scale	5,519	4,090	0.741	11,492	9,271	0.807	6/23/2016
	Small Scale	6,255	6,151	0.983	14,598	15,380	1.054	6/23/2016
	Small Scale	7,824	7,298	0.933	6,590	6,851	1.040	6/23/2016
	Small Scale	7,726	4,664	0.604	7,946	9,923	1.249	6/23/2016
	Small Scale	12,755	13,972	1.095	11,721	12,197	1.041	6/23/2016
	Small Scale	9,431	10,174	1.079	9,358	9,084	0.971	6/23/2016
	Small Scale	4,624	4,274	0.924	9,369	8,779	0.937	6/23/2016
	Small Scale	6,291	6,921	1.100	6,039	11,207	1.856	6/23/2016
	Small Scale	9,787	8,691	0.888	13,021	18,063	1.387	6/24/2016
	Small Scale	17,292	13,860	0.802	14,082	13,745	0.976	6/24/2016
	Small Scale	6,623	7,346	1.109	8,929	7,470	0.837	6/28/2016
	Small Scale	13,576	14,355	1.057	17,848	27,790	1.557	6/28/2016
	Small Scale	12,068	11,306	0.937	11,661	11,266	0.966	6/29/2016
	Small Scale	12,166	12,962	1.065	18,705	16,434	0.879	6/29/2016
	Small Scale	7,236	6,977	0.964	34,698	4,770	0.137	6/29/2016
	Small Scale	6,402	5,072	0.792	9,333	11,018	1.181	6/29/2016
	Small Scale	6,046	5,544	0.917	5,838	10,283	1.761	6/29/2016
	Small Scale	12,509	8,909	0.712	12,216	13,716	1.123	6/29/2016
	Small Scale	4,906	5,493	1.120	3,905	2,486	0.637	6/29/2016
	Small Scale	8,131	7,008	0.862	7,329	9,135	1.246	6/29/2016
	Small Scale	8,039	8,523	1.060	9,050	7,849	0.867	6/30/2016
	Small Scale	13,245	12,401	0.936	13,378	19,017	1.422	6/30/2016
	Small Scale	3,753	2,584	0.689	3,230	3,073	0.951	7/5/2016
	Small Scale	5,850	4,624	0.790	4,915	4,049	0.824	7/5/2016
	Small Scale	4,624	3,550	0.768	6,770	4,735	0.699	7/6/2016
	Small Scale	4,194	4,159	0.992	3,562	3,841	1.078	7/7/2016
	Small Scale	6,255	6,778	1.084	12,564	10,712	0.853	7/11/2016
	Small Scale	7,027	6,953	0.989	5,803	6,539	1.127	7/11/2016
	Small Scale	13,159	13,722	1.043	18,588	19,759	1.063	7/12/2016
	Small Scale	9,958	9,714	0.975	9,295	6,754	0.727	7/13/2016
	Small Scale	4,875	5,491	1.126	5,235	5,917	1.130	7/13/2016
	Small Scale	8,094	6,034	0.745	9,957	9,404	0.944	7/13/2016
	Small Scale	13,454	11,010	0.818	18,484	16,360	0.885	7/13/2016
	Small Scale	7,211	5,387	0.747	6,135	5,172	0.843	7/13/2016
	Small Scale	10,106	7,387	0.731	6,306	9,126	1.447	7/13/2016
	Small Scale	8,585	9,795	1.141	14,953	17,380	1.162	7/13/2016
	Small Scale	9,566	9,201	0.962	9,056	10,415	1.150	7/13/2016
	Small Scale	5,519	3,997	0.724	8,087	7,048	0.872	7/13/2016
	Small Scale	7,690	6,925	0.901	6,025	6,140	1.019	7/13/2016
	Small Scale	6,377	6,156	0.965	6,506	5,918	0.910	7/13/2016
	Small Scale	17,170	16,101	0.938	13,722	21,208	1.546	7/13/2016
	Small Scale	6,181	5,302	0.858	5,419	6,041	1.115	7/13/2016
	Small Scale	21,339	25,242	1.183	32,870	35,544	1.081	7/13/2016
	Small Scale	9,443	9,329	0.988	5,856	9,436	1.611	7/13/2016
	Small Scale	11,038	10,523	0.953	7,135	4,031	0.565	7/13/2016
	Small Scale	10,400	8,446	0.812	8,639	6,729	0.779	7/13/2016
	Small Scale	3,753	3,514	0.936	4,068	3,583	0.881	7/13/2016
	Small Scale	5,298	4,789	0.904	4,999	5,012	1.003	7/13/2016
	Small Scale	2,453	2,089	0.852	2,175	2,196	1.010	7/13/2016
	Small Scale	11,185	10,560	0.944	10,507	8,115	0.772	7/13/2016
	Small Scale	3,495	2,352	0.673	3,110	3,230	1.039	7/14/2016
	Small Scale	6,623	7,104	1.073	17,160	16,455	0.959	7/15/2016
	Small Scale	13,613	9,959	0.732	12,204	11,516	0.944	7/18/2016
	Small Scale	6,255	6,757	1.080	6,432	5,781	0.899	7/18/2016
	Small Scale	7,469	6,911	0.925	10,339	9,213	0.891	7/18/2016
	Small Scale	9,272	8,856	0.955	13,256	13,012	0.982	7/18/2016
	Small Scale	13,392	12,082	0.902	21,110	21,758	1.031	7/18/2016
	Small Scale	5,942	5,843	0.983	6,974	6,784	0.973	7/18/2016
	Small Scale	6,990	7,414	1.061	8,448	11,462	1.357	7/19/2016
	Small Scale	5,887	6,755	1.147	9,708	10,985	1.132	7/19/2016
	Small Scale	6,058	2,489	0.411	6,255	7,319	1.170	7/19/2016
	Small Scale	4,783	4,238	0.886	4,426	4,383	0.990	7/19/2016
	Small Scale	4,378	4,096	0.936	2,630	2,287	0.870	7/19/2016
	Small Scale	12,197	10,382	0.851	18,965	14,718	0.776	7/19/2016
	Small Scale	11,700	10,405	0.889	11,134	11,494	1.032	7/19/2016
	Small Scale	7,726	8,044	1.041	19,389	21,904	1.130	7/19/2016
	Small Scale	5,887	6,375	1.083	7,618	7,357	0.966	7/19/2016
	Small Scale	5,948	4,790	0.805	5,479	5,617	1.025	7/20/2016
	Small Scale	6,255	4,946	0.791	7,113	6,545	0.920	7/20/2016
	Small Scale	6,353	3,440	0.541	6,257	6,705	1.072	7/20/2016
	Small Scale	13,331	12,967	0.973	948	7,260	7.658	7/21/2016
	Small Scale	11,185	8,038	0.719	7,362	5,820	0.791	7/21/2016
	Small Scale	9,934	8,962	0.902	6,588	4,577	0.695	7/21/2016
	Small Scale	12,583	12,900	1.025	4,359	7,994	1.834	7/21/2016
	Small Scale	9,100	7,474	0.821	8,516	7,417	0.871	7/21/2016
	Small Scale	7,726	8,408	1.088	8,075	7,177	0.889	7/21/2016
	Small Scale	6,990	6,908	0.988	22,094	21,320	0.965	7/21/2016
	Small Scale	6,990	7,302	1.045	6,795	7,285	1.072	7/22/2016
	Small Scale	8,830	7,867	0.891	10,170	8,433	0.829	7/22/2016
	Small Scale	13,687	12,445	0.909	16,900	19,745	1.168	7/22/2016
	Small Scale	4,225	4,145	0.981	4,121	3,998	0.970	7/22/2016
	Small Scale	4,415	4,247	0.962	4,210	6,182	1.468	7/22/2016
	Small Scale	9,505	7,034	0.740	8,760	5,990	0.684	7/22/2016
	Small Scale	12,031	8,741	0.727	13,766	9,140	0.664	7/22/2016
	Small Scale	9,431	7,593	0.805	7,224	8,844	1.224	7/22/2016
	Small Scale	10,314	8,825	0.856	11,094	13,177	1.188	7/25/2016
	Small Scale	6,181	5,868	0.949	13,327	17,022	1.277	7/27/2016
	Small Scale	9,112	6,488	0.712	11,055	10,969	0.992	7/27/2016
	Small Scale	5,629	4,835	0.859	10,067	15,589	1.549	7/27/2016

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	6,990	6,999	1.001	20,677	22,767	1.101	7/27/2016
	Small Scale	12,092	9,277	0.767	9,437	9,704	1.028	7/27/2016
	Small Scale	5,691	4,897	0.861	5,943	5,906	0.994	7/27/2016
	Small Scale	9,701	6,203	0.639	8,165	4,528	0.555	8/1/2016
	Small Scale	12,755	8,635	0.677	8,850	11,780	1.331	8/1/2016
	Small Scale	3,753	3,127	0.833	4,797	8,982	1.872	8/1/2016
	Small Scale	11,479	11,081	0.965	8,883	7,214	0.812	8/1/2016
	Small Scale	12,141	12,157	1.001	9,833	8,656	0.880	8/2/2016
	Small Scale	12,509	10,842	0.867	15,265	17,402	1.140	8/2/2016
	Small Scale	6,255	6,469	1.034	6,037	10,431	1.728	8/2/2016
	Small Scale	6,377	4,307	0.675	8,762	8,921	1.018	8/2/2016
	Small Scale	9,958	9,214	0.925	9,007	10,166	1.129	8/2/2016
	Small Scale	9,308	7,422	0.797	7,394	8,207	1.110	8/2/2016
	Small Scale	7,726	7,219	0.934	6,606	9,132	1.382	8/2/2016
	Small Scale	13,245	14,442	1.090	26,529	29,941	1.129	8/2/2016
	Small Scale	9,382	7,908	0.843	9,855	14,929	1.515	8/2/2016
	Small Scale	20,800	15,096	0.726	13,628	14,378	1.055	8/2/2016
	Small Scale	10,835	6,988	0.645	11,046	9,529	0.863	8/2/2016
	Small Scale	11,773	9,592	0.815	16,083	13,345	0.830	8/3/2016
	Small Scale	5,212	5,401	1.036	7,449	8,149	1.094	8/3/2016
	Small Scale	11,921	12,327	1.034	12,210	12,845	1.052	8/3/2016
	Small Scale	11,406	11,014	0.966	20,041	20,053	1.001	8/3/2016
	Small Scale	12,031	10,529	0.875	10,851	9,680	0.892	8/3/2016
	Small Scale	11,038	11,175	1.012	5,013	6,532	1.303	8/3/2016
	Small Scale	10,486	10,787	1.029	28,500	24,112	0.846	8/10/2016
	Small Scale	11,381	8,062	0.708	10,825	8,620	0.796	8/10/2016
	Small Scale	10,302	8,729	0.847	11,354	8,280	0.729	8/10/2016
	Small Scale	10,835	10,532	0.972	9,690	7,271	0.750	8/11/2016
	Small Scale	9,382	7,627	0.813	9,172	11,584	1.263	8/11/2016
	Small Scale	10,136	10,101	0.997	10,821	8,879	0.821	8/11/2016
	Small Scale	5,592	6,851	1.225	5,888	8,774	1.490	8/11/2016
	Small Scale	10,486	8,837	0.843	19,971	19,519	0.977	8/11/2016
	Small Scale	3,802	3,527	0.928	4,299	4,711	1.096	8/11/2016
	Small Scale	18,641	16,065	0.862	22,264	25,381	1.140	8/11/2016
	Small Scale	6,181	7,310	1.183	7,874	8,283	1.052	8/11/2016
	Small Scale	3,311	3,654	1.104	5,517	5,104	0.925	8/11/2016
	Small Scale	7,358	6,536	0.888	9,453	10,448	1.105	8/11/2016
	Small Scale	5,519	5,349	0.969	5,086	4,765	0.937	8/11/2016
	Small Scale	13,331	12,818	0.962	15,693	12,571	0.801	8/12/2016
	Small Scale	3,495	2,967	0.849	4,381	5,647	1.289	8/12/2016
	Small Scale	4,292	3,831	0.893	4,461	5,156	1.156	8/12/2016
	Small Scale	6,880	5,885	0.855	7,252	7,682	1.059	8/12/2016
	Small Scale	4,881	5,333	1.093	7,184	6,622	0.922	8/12/2016
	Small Scale	8,241	6,125	0.743	7,645	6,738	0.881	8/12/2016
	Small Scale	13,331	14,128	1.060	23,066	20,756	0.900	8/12/2016
	Small Scale	9,958	10,704	1.075	11,404	13,444	1.179	8/12/2016
	Small Scale	10,670	11,773	1.103	24,482	14,424	0.589	8/12/2016
	Small Scale	4,182	3,000	0.717	7,458	6,298	0.844	8/12/2016
	Small Scale	6,291	7,141	1.135	5,013	7,841	1.564	8/12/2016
	Small Scale	9,247	10,016	1.083	8,342	10,146	1.216	8/17/2016
	Small Scale	8,094	8,959	1.107	12,874	7,397	0.575	8/17/2016
	Small Scale	8,609	7,736	0.899	8,071	8,595	1.065	8/22/2016
	Small Scale	10,400	7,651	0.736	10,987	10,494	0.955	8/23/2016
	Small Scale	6,990	6,149	0.880	2,496	12,138	4.863	8/23/2016
	Small Scale	8,131	6,616	0.814	9,138	11,185	1.224	8/23/2016
	Small Scale	10,486	7,929	0.756	11,386	8,287	0.728	8/25/2016
	Small Scale	8,609	8,677	1.008	19,446	23,049	1.185	8/25/2016
	Small Scale	10,731	10,034	0.935	10,415	10,771	1.034	8/25/2016
	Small Scale	6,990	6,824	0.976	12,921	12,746	0.986	8/25/2016
	Small Scale	13,159	10,641	0.809	11,273	12,272	1.089	8/25/2016
	Small Scale	13,245	13,191	0.996	12,549	12,273	0.978	8/25/2016
	Small Scale	13,159	10,343	0.786	10,788	10,414	0.965	8/25/2016
	Small Scale	4,415	4,948	1.121	9,356	8,398	0.898	8/25/2016
	Small Scale	11,571	9,036	0.781	8,959	6,522	0.728	8/25/2016
	Small Scale	9,198	8,947	0.973	6,660	5,112	0.768	8/25/2016
	Small Scale	8,536	9,371	1.098	7,262	8,215	1.131	8/25/2016
	Small Scale	10,026	7,475	0.746	18,807	5,577	0.297	8/25/2016
	Small Scale	11,381	10,407	0.914	9,221	8,270	0.897	8/25/2016
	Small Scale	10,136	9,942	0.981	11,740	14,959	1.274	8/25/2016
	Small Scale	8,094	5,225	0.646	14,239	9,839	0.691	8/25/2016
	Small Scale	8,781	6,290	0.716	6,873	8,239	1.199	8/25/2016
	Small Scale	9,811	8,677	0.884	8,563	9,954	1.162	8/25/2016
	Small Scale	13,245	8,117	0.613	13,596	15,889	1.169	8/25/2016
	Small Scale	13,245	12,871	0.972	21,644	29,754	1.375	8/25/2016
	Small Scale	8,928	7,565	0.847	7,916	11,368	1.436	8/25/2016
	Small Scale	9,566	6,987	0.730	8,375	9,874	1.179	8/25/2016
	Small Scale	10,670	7,535	0.706	8,689	6,468	0.744	8/25/2016
	Small Scale	4,072	4,734	1.163	5,082	4,870	0.958	8/26/2016
	Small Scale	13,447	11,740	0.873	11,052	10,501	0.950	8/26/2016
	Small Scale	11,344	7,433	0.655	15,464	10,756	0.696	8/26/2016
	Small Scale	7,824	7,605	0.972	11,927	11,917	0.999	8/26/2016
	Small Scale	6,990	5,858	0.838	6,253	11,998	1.919	8/29/2016
	Small Scale	10,007	7,758	0.775	9,082	9,809	1.080	9/1/2016
	Small Scale	5,519	4,343	0.787	15,468	22,910	1.481	9/1/2016
	Small Scale	8,450	9,302	1.101	7,644	8,843	1.157	9/1/2016
	Small Scale	5,519	3,990	0.723	7,918	7,181	0.907	9/1/2016
	Small Scale	5,494	4,896	0.891	4,734	3,631	0.767	9/1/2016
	Small Scale	4,697	4,512	0.961	9,753	5,710	0.585	9/1/2016
	Small Scale	6,181	5,606	0.907	6,857	6,807	0.993	9/1/2016
	Small Scale	9,934	8,830	0.889	10,020	8,242	0.823	9/1/2016

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	13,159	12,784	0.971	27,783	27,330	0.984	9/1/2016
	Small Scale	10,731	10,265	0.957	9,491	10,628	1.120	9/1/2016
	Small Scale	7,420	6,677	0.900	8,178	10,220	1.250	9/1/2016
	Small Scale	12,877	14,361	1.115	15,170	13,492	0.889	9/1/2016
	Small Scale	11,737	9,513	0.811	11,248	6,049	0.538	9/1/2016
	Small Scale	3,679	4,184	1.137	7,243	7,270	1.004	9/1/2016
	Small Scale	3,679	3,501	0.952	9,288	9,640	1.038	9/1/2016
	Small Scale	8,757	9,491	1.084	16,607	7,601	0.458	9/2/2016
	Small Scale	13,245	11,848	0.895	15,465	14,493	0.937	9/6/2016
	Small Scale	7,420	6,183	0.833	8,110	10,152	1.252	9/6/2016
	Small Scale	3,311	187	0.056	17,561	18,103	1.031	9/6/2016
	Small Scale	12,877	13,213	1.026	13,566	12,267	0.904	9/6/2016
	Small Scale	9,100	8,962	0.985	7,545	10,291	1.364	9/6/2016
	Small Scale	13,282	11,540	0.869	13,189	12,415	0.941	9/6/2016
	Small Scale	4,783	5,347	1.118	7,813	10,151	1.299	9/6/2016
	Small Scale	12,485	11,638	0.932	16,586	14,218	0.857	9/6/2016
	Small Scale	13,159	8,864	0.674	8,685	8,715	1.003	9/6/2016
	Small Scale	4,893	2,751	0.562	10,020	6,541	0.653	9/6/2016
	Small Scale	12,877	13,048	1.013	7,398	7,102	0.960	9/6/2016
	Small Scale	13,331	9,116	0.684	18,782	17,866	0.951	9/6/2016
	Small Scale	10,645	8,420	0.791	9,455	9,004	0.952	9/6/2016
	Small Scale	13,245	11,259	0.850	10,547	8,171	0.775	9/6/2016
	Small Scale	13,331	13,185	0.989	13,714	11,473	0.837	9/6/2016
	Small Scale	11,381	1,922	0.169	18,519	11,078	0.598	9/6/2016
	Small Scale	20,481	14,639	0.715	15,223	14,114	0.927	9/6/2016
	Small Scale	13,331	8,769	0.658	22,808	17,602	0.772	9/6/2016
	Small Scale	5,102	5,205	1.020	5,019	5,233	1.043	9/6/2016
	Small Scale	10,596	11,614	1.096	14,840	17,685	1.192	9/6/2016
	Small Scale	7,420	8,311	1.120	6,065	11,867	1.957	9/6/2016
	Small Scale	10,118	8,124	0.803	15,872	13,448	0.847	9/6/2016
	Small Scale	6,757	5,954	0.881	5,207	3,224	0.619	9/6/2016
	Small Scale	12,932	14,242	1.101	13,838	14,616	1.056	9/6/2016
	Small Scale	10,596	10,150	0.958	10,761	9,219	0.857	9/6/2016
	Small Scale	5,691	5,899	1.037	5,989	6,569	1.097	9/6/2016
	Small Scale	7,469	6,789	0.909	9,135	10,486	1.148	9/6/2016
	Small Scale	5,703	5,212	0.914	6,595	7,802	1.183	9/8/2016
	Small Scale	4,047	4,231	1.045	4,085	3,229	0.790	9/8/2016
	Small Scale	8,131	6,938	0.853	8,114	11,717	1.444	9/8/2016
	Small Scale	10,007	5,514	0.551	12,911	12,178	0.943	9/8/2016
	Small Scale	7,358	4,426	0.601	9,559	13,966	1.461	9/8/2016
	Small Scale	11,050	11,476	1.039	8,823	6,265	0.710	9/8/2016
	Large Wind	5,518,800	8,855,076	1.605	8,086,791	8,912,868	1.102	9/9/2016
	Small Scale	4,893	4,290	0.877	4,317	4,106	0.951	9/13/2016
	Small Scale	10,670	10,858	1.018	10,189	8,268	0.811	9/13/2016
	Small Scale	11,185	4,241	0.379	4,140	1,420	0.343	9/14/2016
	Small Scale	6,990	6,459	0.924	1,044	8,647	8.283	9/14/2016
	Small Scale	13,331	11,367	0.853	6,067	17,269	2.846	9/15/2016
	Small Scale	11,773	12,554	1.066	10,445	12,316	1.179	9/15/2016
	Small Scale	8,738	7,274	0.832	6,627	5,434	0.820	9/15/2016
	Small Scale	7,358	8,678	1.179	6,227	5,344	0.858	9/15/2016
	Small Scale	8,039	8,141	1.013	7,033	5,578	0.793	9/15/2016
	Small Scale	6,623	7,591	1.146	10,056	14,195	1.412	9/15/2016
	Small Scale	5,323	3,903	0.733	5,334	10,029	1.880	9/15/2016
	Small Scale	8,757	8,686	0.992	8,296	5,653	0.681	9/15/2016
	Small Scale	13,613	12,832	0.943	12,334	10,188	0.826	9/15/2016
	Small Scale	7,726	6,034	0.781	6,816	5,525	0.811	9/20/2016
	Small Scale	5,200	3,510	0.675	4,113	7,040	1.712	9/20/2016
	Small Scale	6,132	6,220	1.014	6,694	6,836	1.021	9/20/2016
	Small Scale	10,670	8,947	0.839	24,372	29,030	1.191	9/20/2016
	Small Scale	5,298	4,069	0.768	4,962	5,419	1.092	9/20/2016
	Small Scale	15,269	13,445	0.881	12,135	10,458	0.862	9/20/2016
	Small Scale	12,141	12,397	1.021	11,758	12,401	1.055	9/20/2016
	Small Scale	7,358	7,837	1.065	7,184	8,828	1.229	9/20/2016
	Small Scale	16,888	13,222	0.783	14,912	16,220	1.088	9/20/2016
	Small Scale	8,241	7,260	0.881	7,960	9,387	1.179	9/21/2016
	Small Scale	4,268	2,225	0.521	5,980	5,745	0.961	9/21/2016
	Small Scale	13,073	9,908	0.758	7,602	7,989	1.051	9/21/2016
	Small Scale	7,824	7,598	0.971	7,808	7,442	0.953	9/21/2016
	Small Scale	13,331	11,085	0.832	11,900	14,495	1.218	9/21/2016
	Small Scale	7,015	6,898	0.983	6,769	6,481	0.957	9/21/2016
	Small Scale	12,025	9,744	0.810	17,542	19,514	1.112	9/21/2016
	Small Scale	13,159	14,226	1.081	29,400	32,800	1.116	9/23/2016
	Small Scale	14,680	16,001	1.090	15,979	16,001	1.001	9/23/2016
	Small Scale	13,306	12,239	0.920	15,241	15,184	0.996	9/23/2016
	Small Scale	6,757	5,770	0.854	6,447	5,344	0.829	9/23/2016
	Small Scale	8,536	8,513	0.997	5,778	8,838	1.530	9/23/2016
	Small Scale	9,247	8,458	0.915	7,058	6,002	0.850	9/23/2016
	Small Scale	4,121	4,072	0.988	2,654	2,415	0.910	9/23/2016
	Small Scale	13,245	13,841	1.045	19,716	19,569	0.993	9/23/2016
	Small Scale	11,700	12,275	1.049	8,694	20,755	2.387	9/23/2016
	Small Scale	10,081	8,938	0.887	7,965	8,851	1.111	9/23/2016
	Small Scale	8,536	5,997	0.703	8,578	10,007	1.167	9/29/2016
	Small Scale	6,757	7,057	1.044	7,851	9,535	1.214	9/29/2016
	Small Scale	12,804	8,481	0.662	11,061	7,264	0.657	9/29/2016
	Small Scale	8,965	11,061	1.234	9,533	9,101	0.955	9/29/2016
	Small Scale	8,462	7,468	0.883	12,424	14,016	1.128	10/4/2016
	Small Scale	7,800	6,267	0.803	7,267	5,788	0.796	10/4/2016
	Small Scale	6,990	6,356	0.909	7,719	7,261	0.941	10/4/2016
	Small Scale	9,934	10,349	1.042	5,804	4,962	0.855	10/4/2016
	Small Scale	7,800	7,081	0.908	6,533	6,699	1.025	10/4/2016

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	3,066	5,414	1.766	4,478	8,200	1.831	10/4/2016
	Small Scale	11,884	10,538	0.887	10,214	8,807	0.862	10/6/2016
	Small Scale	9,247	8,040	0.869	9,218	10,107	1.096	10/6/2016
	Small Scale	6,347	6,925	1.091	7,415	6,613	0.892	10/6/2016
	Small Scale	6,990	6,575	0.941	5,093	4,942	0.970	10/6/2016
	Small Scale	13,245	11,869	0.896	11,205	9,862	0.880	10/6/2016
	Small Scale	11,700	10,986	0.939	13,139	12,496	0.951	10/6/2016
	Small Scale	3,845	3,964	1.031	3,630	3,227	0.889	10/6/2016
	Small Scale	2,943	3,260	1.108	4,760	7,014	1.474	10/6/2016
	Small Scale	6,623	6,045	0.913	17,035	12,766	0.749	10/6/2016
	Small Scale	7,665	6,849	0.894	7,648	8,148	1.065	10/6/2016
	Small Scale	13,159	12,900	0.980	15,347	16,722	1.090	10/6/2016
	Small Scale	11,737	10,217	0.871	9,333	9,409	1.008	10/12/2016
	Small Scale	11,773	10,213	0.867	11,143	9,171	0.823	10/12/2016
	Small Scale	9,431	10,735	1.138	11,120	14,149	1.272	10/12/2016
	Small Scale	7,224	5,660	0.784	7,663	8,012	1.046	10/12/2016
	Small Scale	12,031	7,165	0.596	23,049	23,839	1.034	10/12/2016
	Small Scale	8,444	9,135	1.082	9,740	10,704	1.099	10/12/2016
	Small Scale	10,400	10,388	0.999	9,917	11,320	1.141	10/12/2016
	Small Scale	12,583	11,039	0.877	11,219	10,245	0.913	10/12/2016
	Small Scale	12,239	11,508	0.940	14,344	13,686	0.954	10/12/2016
	Small Scale	12,822	9,483	0.740	8,929	9,174	1.027	10/12/2016
	Small Scale	9,026	5,214	0.578	9,384	12,073	1.287	10/12/2016
	Small Scale	8,744	7,118	0.814	13,337	9,780	0.733	10/12/2016
	Small Scale	12,141	13,312	1.096	18,383	20,303	1.104	10/12/2016
	Small Scale	5,004	4,738	0.947	4,751	4,590	0.966	10/12/2016
	Small Scale	7,150	8,468	1.184	7,470	7,678	1.028	10/12/2016
	Small Scale	8,769	9,456	1.078	10,814	13,073	1.209	10/14/2016
	Small Scale	10,731	11,100	1.034	15,391	13,388	0.870	10/14/2016
	Small Scale	6,623	5,699	0.861	5,699	5,618	0.986	10/14/2016
	Small Scale	11,381	9,510	0.836	10,933	6,524	0.597	10/17/2016
	Small Scale	4,415	3,798	0.860	6,222	5,666	0.911	10/17/2016
	Small Scale	4,783	4,243	0.887	5,033	4,627	0.919	10/24/2016
	Small Scale	7,481	7,270	0.972	6,697	4,264	0.637	10/24/2016
	Small Scale	12,141	12,473	1.027	13,368	14,086	1.054	10/24/2016
	Small Scale	10,670	9,879	0.926	14,060	14,519	1.033	10/24/2016
	Small Scale	7,506	5,932	0.790	6,505	5,502	0.846	10/27/2016
	Small Scale	7,113	4,710	0.662	6,671	18,200	2.728	10/27/2016
	Small Scale	9,811	9,978	1.017	10,470	11,802	1.127	10/27/2016
	Small Scale	5,691	3,789	0.666	13,233	11,743	0.887	10/27/2016
	Small Scale	10,670	8,367	0.784	16,818	18,755	1.115	10/27/2016
	Small Scale	10,204	8,028	0.787	11,699	10,464	0.894	10/27/2016
	Small Scale	5,249	4,350	0.829	12,356	11,568	0.936	10/27/2016
	Small Scale	6,990	4,517	0.646	4,708	5,985	1.271	10/27/2016
	Small Scale	4,415	4,190	0.949	9,325	10,419	1.117	10/27/2016
	Small Scale	6,623	7,182	1.084	7,001	7,856	1.122	10/27/2016
	Small Scale	6,463	5,353	0.828	4,032	10,831	2.686	10/28/2016
	Small Scale	4,550	4,496	0.988	6,336	5,724	0.903	10/28/2016
	Small Scale	4,979	5,067	1.018	5,106	5,242	1.027	10/28/2016
	Small Scale	7,818	8,832	1.130	6,862	5,448	0.794	10/28/2016
	Small Scale	9,603	8,792	0.916	8,872	8,857	0.998	10/28/2016
	Small Scale	7,420	4,711	0.635	7,233	7,657	1.059	10/28/2016
	Small Scale	9,811	10,908	1.112	10,857	10,762	0.991	10/28/2016
	Small Scale	6,181	4,687	0.758	13,726	14,790	1.078	10/28/2016
	Small Scale	5,408	5,148	0.952	3,321	9,283	2.795	10/31/2016
	Small Scale	12,951	12,765	0.986	11,965	12,284	1.027	10/31/2016
	Small Scale	12,264	11,901	0.970	11,344	10,704	0.944	10/31/2016
	Small Scale	11,025	10,115	0.917	9,175	8,300	0.905	10/31/2016
	Small Scale	5,004	4,714	0.942	8,951	6,384	0.713	10/31/2016
	Small Scale	5,592	4,578	0.819	10,305	10,186	0.988	11/9/2016
	Small Scale	13,159	12,322	0.936	21,734	16,147	0.743	11/9/2016
	Small Scale	10,136	10,458	1.032	9,262	11,225	1.212	11/9/2016
	Small Scale	10,326	10,838	1.050	25,690	22,860	0.890	11/9/2016
	Small Scale	13,282	13,940	1.050	31,671	36,611	1.156	11/9/2016
	Small Scale	8,278	6,633	0.801	6,118	10,386	1.698	11/9/2016
	Small Scale	4,268	4,219	0.989	3,381	5,206	1.540	11/9/2016
	Small Scale	13,343	12,863	0.964	15,690	19,573	1.247	11/9/2016
	Small Scale	8,094	2,490	0.308	8,014	2,490	0.311	11/9/2016
	Small Scale	12,350	11,394	0.923	19,784	20,090	1.015	11/9/2016
	Small Scale	12,583	11,276	0.896	10,987	5,397	0.491	11/9/2016
	Small Scale	7,113	5,492	0.772	15,217	15,426	1.014	11/9/2016
	Small Scale	5,316	4,498	0.846	4,642	4,807	1.036	11/9/2016
	Small Scale	5,691	5,250	0.923	8,339	6,048	0.725	11/9/2016
	Small Scale	8,757	9,270	1.059	13,179	16,536	1.255	11/9/2016
	Small Scale	3,839	3,661	0.954	8,917	7,503	0.841	11/9/2016
	Small Scale	6,623	6,963	1.051	12,957	10,998	0.849	11/9/2016
	Small Scale	10,486	6,441	0.614	8,670	11,423	1.318	11/9/2016
	Small Scale	3,753	1,854	0.494	8,492	7,891	0.929	11/10/2016
	Small Scale	13,245	12,769	0.964	17,131	26,901	1.570	11/10/2016
	Small Scale	9,566	8,724	0.912	6,927	9,392	1.356	11/10/2016
	Small Scale	10,486	9,142	0.872	13,067	13,986	1.070	11/10/2016
	Small Scale	11,406	13,257	1.162	14,451	14,651	1.014	11/10/2016
	Small Scale	5,629	5,661	1.006	8,079	8,533	1.056	11/15/2016
	Small Scale	7,818	8,625	1.103	8,728	11,268	1.291	11/15/2016
	Small Scale	5,200	3,934	0.757	6,821	7,476	1.096	11/16/2016
	Small Scale	5,592	5,468	0.978	4,044	4,397	1.087	11/16/2016
	Small Scale	8,536	6,620	0.776	25,344	22,644	0.893	11/16/2016
	Small Scale	10,314	9,872	0.957	10,401	13,334	1.282	11/16/2016
	Small Scale	10,670	8,759	0.821	10,467	7,770	0.742	11/16/2016
	Small Scale	6,046	5,006	0.828	6,170	5,322	0.863	11/16/2016

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	9,505	8,190	0.862	12,087	11,270	0.932	11/16/2016
	Small Scale	3,440	2,751	0.800	2,417	2,048	0.847	11/16/2016
	Small Scale	13,245	13,174	0.995	22,909	22,352	0.976	11/16/2016
	Small Scale	3,851	3,413	0.886	3,889	3,718	0.956	11/16/2016
	Small Scale	10,989	12,229	1.113	9,534	8,989	0.943	11/16/2016
	Small Scale	3,557	2,139	0.601	6,835	6,444	0.943	11/16/2016
	Small Scale	13,159	11,876	0.902	15,741	14,962	0.951	11/18/2016
	Small Scale	4,415	4,318	0.978	5,046	6,217	1.232	11/18/2016
	Small Scale	12,019	10,178	0.847	9,598	7,547	0.786	11/18/2016
	Small Scale	9,088	8,070	0.888	9,185	9,017	0.982	11/18/2016
	Small Scale	12,141	12,680	1.044	11,500	9,825	0.854	11/18/2016
	Small Scale	7,794	5,314	0.682	7,039	7,817	1.111	11/18/2016
	Small Scale	6,868	6,224	0.906	7,212	7,270	1.008	11/18/2016
	Small Scale	10,069	9,884	0.982	10,655	11,152	1.047	11/22/2016
	Small Scale	7,358	8,207	1.115	8,768	8,451	0.964	11/22/2016
	Small Scale	5,151	5,923	1.150	10,322	8,377	0.812	11/23/2016
	Small Scale	6,402	4,207	0.657	3,736	3,290	0.881	11/23/2016
	Small Scale	6,046	6,022	0.996	12,679	21,317	1.681	11/23/2016
	Small Scale	4,550	4,584	1.007	3,604	5,049	1.401	11/28/2016
	Small Scale	11,381	10,268	0.902	7,188	9,941	1.383	11/28/2016
	Small Scale	13,159	13,573	1.031	11,972	12,043	1.006	11/28/2016
	Small Scale	5,316	4,455	0.838	4,694	4,184	0.891	11/28/2016
	Small Scale	8,125	5,006	0.616	14,674	11,946	0.814	11/28/2016
	Small Scale	6,291	5,599	0.890	5,273	4,448	0.844	11/28/2016
	Small Scale	9,247	8,570	0.927	8,406	8,552	1.017	11/28/2016
	Small Scale	3,311	3,194	0.965	4,752	5,960	1.254	11/28/2016
	Small Scale	13,282	13,314	1.002	10,989	11,172	1.017	11/28/2016
	Small Scale	13,135	12,319	0.938	24,169	19,626	0.812	11/28/2016
	Small Scale	11,528	10,543	0.915	17,666	12,200	0.691	11/28/2016
	Small Scale	6,255	6,713	1.073	12,710	13,263	1.044	11/28/2016
	Small Scale	13,282	11,091	0.835	14,355	13,377	0.932	11/28/2016
	Small Scale	13,282	9,801	0.738	12,048	10,267	0.852	11/28/2016
	Small Scale	2,943	2,956	1.004	3,636	4,897	1.347	11/28/2016
	Small Scale	9,811	7,276	0.742	9,657	9,982	1.034	11/28/2016
	Small Scale	8,830	9,899	1.121	11,800	12,507	1.060	11/29/2016
	Small Scale	9,075	7,466	0.823	7,098	9,085	1.280	11/29/2016
	Small Scale	11,589	11,513	0.993	11,451	18,927	1.653	11/29/2016
	Small Scale	6,990	3,669	0.525	2,564	7,769	3.030	11/29/2016
	Small Scale	7,800	7,482	0.959	6,310	9,173	1.454	11/29/2016
	Small Scale	8,462	7,939	0.938	7,243	6,687	0.923	11/29/2016
	Small Scale	10,486	9,990	0.953	18,400	10,205	0.555	11/30/2016
	Medium-Scale Solar	252,884	217,194	0.859	186,777	218,910	1.172	11/30/2016
	Small Scale	5,887	5,721	0.972	8,001	6,724	0.840	11/30/2016
	Small Scale	9,603	9,942	1.035	13,084	11,938	0.912	12/2/2016
	Small Scale	13,245	11,588	0.875	9,093	7,394	0.813	12/2/2016
	Small Scale	13,245	10,143	0.766	9,374	9,341	0.996	12/2/2016
	Small Scale	9,026	8,827	0.978	13,244	13,167	0.994	12/2/2016
	Small Scale	5,212	3,092	0.593	5,665	6,263	1.106	12/2/2016
	Small Scale	13,454	9,616	0.715	12,835	17,174	1.338	12/5/2016
	Small Scale	9,419	6,864	0.729	12,173	10,600	0.871	12/5/2016
	Small Scale	5,887	4,770	0.810	10,495	8,810	0.839	12/5/2016
	Small Scale	8,094	8,179	1.010	17,167	17,422	1.015	12/6/2016
	Small Scale	6,255	5,963	0.953	14,977	11,949	0.798	12/6/2016
	Small Scale	3,839	4,143	1.079	4,570	5,722	1.252	12/7/2016
	Small Scale	9,247	9,967	1.078	7,601	6,631	0.872	12/7/2016
	Small Scale	4,636	4,761	1.027	4,897	5,134	1.048	12/7/2016
	Small Scale	9,088	8,734	0.961	12,048	11,494	0.954	12/7/2016
	Small Scale	9,615	8,590	0.893	10,346	13,420	1.297	12/8/2016
	Small Scale	4,256	4,172	0.980	4,201	4,036	0.961	12/9/2016
	Small Scale	5,249	5,835	1.112	4,906	4,467	0.911	12/9/2016
	Small Scale	10,486	8,347	0.796	14,087	14,007	0.994	12/9/2016
	Small Scale	6,990	4,796	0.686	905	4,688	5.180	12/9/2016
	Small Scale	15,502	12,734	0.821	13,883	11,944	0.860	12/9/2016
	Small Scale	6,071	4,881	0.804	5,992	6,984	1.166	12/9/2016
	Small Scale	5,243	5,227	0.997	5,305	5,125	0.966	12/9/2016
	Small Scale	5,887	6,450	1.096	5,513	3,687	0.669	12/9/2016
	Small Scale	7,052	6,636	0.941	4,472	6,903	1.544	12/9/2016
	Small Scale	5,942	6,101	1.027	4,572	5,323	1.164	12/12/2016
	Small Scale	7,800	7,950	1.019	8,474	12,385	1.462	12/12/2016
	Small Scale	14,950	11,987	0.802	12,198	10,395	0.852	12/12/2016
	Small Scale	7,726	4,863	0.629	14,406	17,205	1.194	12/12/2016
	Small Scale	11,921	9,463	0.794	9,821	18,189	1.852	12/12/2016
	Small Scale	8,462	1,272	0.150	10,500	9,225	0.879	12/14/2016
	Small Scale	7,193	6,368	0.885	8,784	12,609	1.435	12/16/2016
	Small Scale	8,180	4,525	0.553	8,194	7,357	0.898	12/16/2016
	Small Scale	4,194	3,742	0.892	3,638	3,468	0.953	12/16/2016
	Small Scale	7,690	7,215	0.938	7,018	7,770	1.107	12/16/2016
	Small Scale	11,381	7,180	0.631	12,993	17,825	1.372	12/16/2016
	Small Scale	11,406	9,265	0.812	8,432	7,601	0.901	12/16/2016
	Small Scale	13,343	8,312	0.623	18,279	20,234	1.107	12/16/2016
	Small Scale	11,589	5,492	0.474	7,695	5,354	0.696	12/16/2016
	Small Scale	5,703	4,377	0.768	5,980	11,831	1.978	12/16/2016
	Small Scale	8,389	8,035	0.958	4,065	6,709	1.650	12/16/2016
	Small Scale	4,415	4,647	1.053	3,453	3,034	0.879	12/16/2016
	Small Scale	9,247	9,195	0.994	7,851	7,578	0.965	12/16/2016
	Small Scale	6,868	7,396	1.077	7,136	7,295	1.022	12/16/2016
	Small Scale	11,773	10,275	0.873	11,282	12,113	1.074	12/16/2016
	Small Scale	4,599	3,623	0.788	6,660	6,737	1.012	12/19/2016
	Small Scale	2,649	1,987	0.750	7,386	2,664	0.361	12/21/2016
	Small Scale	6,255	6,959	1.113	8,139	5,227	0.642	12/21/2016

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	9,198	7,478	0.813	11,435	13,002	1.137	12/21/2016
	Small Scale	11,479	9,986	0.870	10,873	11,424	1.051	12/21/2016
	Small Scale	10,670	11,457	1.074	12,354	11,257	0.911	12/21/2016
	Small Scale	3,679	2,411	0.655	3,180	3,317	1.043	12/21/2016
	Small Scale	8,757	8,396	0.959	8,489	7,083	0.834	12/21/2016
	Small Scale	3,440	3,291	0.957	3,232	2,560	0.792	12/21/2016
	Small Scale	10,081	9,629	0.955	8,837	9,103	1.030	12/21/2016
	Small Scale	7,395	5,874	0.794	6,951	5,190	0.747	12/21/2016
	Small Scale	4,893	4,489	0.917	4,795	4,491	0.937	12/22/2016
	Small Scale	4,305	3,629	0.843	3,021	2,763	0.915	12/22/2016
	Small Scale	10,302	10,504	1.020	9,468	11,993	1.267	12/22/2016
	Small Scale	2,980	2,121	0.712	3,420	18,375	5.373	12/22/2016
	Small Scale	6,291	6,518	1.036	15,591	7,501	0.481	12/22/2016
	Small Scale	7,653	5,623	0.735	2,940	6,799	2.313	12/22/2016
	Small Scale	12,350	13,706	1.110	11,256	10,965	0.974	12/22/2016
	Medium-Scale Solar	306,600	278,406	0.908	233,862	280,598	1.200	12/23/2016
	Medium-Scale Solar	306,600	292,966	0.956	253,296	295,282	1.166	12/23/2016
	Medium-Scale Solar	306,600	281,487	0.918	237,924	283,743	1.193	12/23/2016
	Small Scale	8,125	6,771	0.833	12,954	10,427	0.805	12/27/2016
	Small Scale	4,807	4,683	0.974	5,471	6,553	1.198	12/28/2016
	Small Scale	7,015	5,145	0.733	6,483	6,719	1.036	12/28/2016
	Small Scale	3,851	3,465	0.900	5,168	6,641	1.285	12/28/2016
	Small Scale	7,064	6,186	0.876	4,300	7,445	1.731	12/28/2016
	Small Scale	5,942	5,294	0.891	6,027	7,936	1.317	12/28/2016
	Small Scale	6,990	8,341	1.193	10,400	11,762	1.131	12/28/2016
	Small Scale	8,131	7,388	0.909	8,240	6,930	0.841	12/28/2016
	Small Scale	9,566	6,710	0.701	8,275	7,521	0.909	12/28/2016
	Small Scale	11,773	6,145	0.522	9,083	6,751	0.743	12/28/2016
	Small Scale	5,592	4,749	0.849	4,928	6,515	1.322	12/28/2016
	Small Scale	12,141	11,736	0.967	6,867	16,376	2.385	12/29/2016
	Small Scale	8,094	7,852	0.970	9,452	24,063	2.546	12/29/2016
	Small Scale	13,331	11,615	0.871	5,734	5,819	1.015	12/29/2016
	Small Scale	12,092	10,111	0.836	9,714	9,279	0.955	12/29/2016
	Small Scale	8,634	8,426	0.976	7,568	10,125	1.338	12/29/2016
	Small Scale	5,691	4,826	0.848	5,035	5,077	1.008	12/29/2016
	Small Scale	4,066	4,349	1.070	4,699	4,041	0.860	12/29/2016
	Small Scale	13,343	13,161	0.986	14,610	13,739	0.940	12/30/2016
	Small Scale	7,947	6,971	0.877	8,393	8,122	0.968	12/30/2016
	Small Scale	13,245	11,646	0.879	14,054	10,370	0.738	12/30/2016
	Small Scale	4,967	5,325	1.072	5,764	6,142	1.066	1/3/2017
	Small Scale	11,884	11,039	0.929	9,513	15,751	1.656	1/4/2017
	Small Scale	13,392	11,325	0.846	15,902	16,563	1.042	1/4/2017
	Small Scale	10,670	10,317	0.967	13,235	16,222	1.226	1/4/2017
	Small Scale	9,247	9,938	1.075	22,114	36,894	1.668	1/4/2017
	Small Scale	5,004	3,836	0.767	2,877	3,661	1.273	1/4/2017
	Small Scale	8,775	8,371	0.954	8,335	9,623	1.155	1/4/2017
	Small Scale	7,959	4,851	0.609	5,770	6,118	1.060	1/6/2017
	Small Scale	13,245	12,028	0.908	12,276	12,136	0.989	1/6/2017
	Small Scale	13,490	10,249	0.760	16,763	18,680	1.114	1/6/2017
	Small Scale	7,690	7,924	1.030	7,680	5,242	0.683	1/6/2017
	Small Scale	10,670	9,949	0.932	9,568	9,261	0.968	1/6/2017
	Small Scale	12,264	10,535	0.859	8,808	8,723	0.990	1/6/2017
	Small Scale	7,358	7,436	1.011	7,289	12,332	1.692	1/11/2017
	Small Scale	9,505	7,622	0.802	11,509	12,357	1.074	1/11/2017
	Small Scale	7,469	6,966	0.933	6,514	6,554	1.006	1/11/2017
	Small Scale	4,881	4,980	1.020	4,750	3,364	0.708	1/11/2017
	Small Scale	8,241	7,282	0.884	8,764	9,490	1.083	1/11/2017
	Small Scale	8,462	5,767	0.682	17,101	18,615	1.089	1/11/2017
	Small Scale	11,332	9,637	0.850	9,972	10,892	1.092	1/11/2017
	Small Scale	8,450	7,419	0.878	9,583	12,749	1.330	1/11/2017
	Small Scale	7,690	7,352	0.956	14,856	13,859	0.933	1/11/2017
	Small Scale	6,954	6,658	0.957	9,019	3,409	0.378	1/11/2017
	Small Scale	9,124	7,758	0.850	11,274	11,683	1.036	1/11/2017
	Small Scale	12,092	9,153	0.757	8,166	11,468	1.404	1/11/2017
	Small Scale	12,755	11,664	0.914	12,775	11,253	0.881	1/11/2017
	Small Scale	14,104	12,152	0.862	15,332	12,834	0.837	1/11/2017
	Small Scale	6,279	6,851	1.091	8,089	7,259	0.897	1/11/2017
	Small Scale	4,636	3,527	0.761	3,744	3,703	0.989	1/11/2017
	Small Scale	10,007	9,819	0.981	20,770	23,518	1.132	1/11/2017
	Small Scale	6,132	0	0.000	12,671	12,003	0.947	1/13/2017
	Small Scale	9,437	4,827	0.511	12,786	13,545	1.059	1/13/2017
	Small Scale	8,609	9,195	1.068	10,370	8,769	0.846	1/13/2017
	Small Scale	13,282	10,939	0.824	11,196	13,563	1.211	1/13/2017
	Small Scale	12,583	8,935	0.710	13,036	11,305	0.867	1/18/2017
	Small Scale	8,094	7,001	0.865	5,286	6,824	1.291	1/18/2017
	Small Scale	9,026	10,779	1.194	7,689	7,998	1.040	1/18/2017
	Small Scale	6,402	4,358	0.681	6,763	6,737	0.996	1/18/2017
	Small Scale	9,787	9,458	0.966	8,121	6,582	0.810	1/18/2017
	Small Scale	6,574	5,836	0.888	11,750	12,438	1.059	1/18/2017
	Small Scale	9,492	7,039	0.742	11,390	13,765	1.209	1/19/2017
	Small Scale	9,615	6,207	0.646	9,209	8,428	0.915	1/20/2017
	Small Scale	6,868	4,273	0.622	5,594	5,496	0.982	1/20/2017
	Small Scale	12,877	11,982	0.930	8,781	7,796	0.888	1/20/2017
	Small Scale	4,194	4,590	1.094	2,857	2,656	0.930	1/20/2017
	Small Scale	11,025	11,583	1.051	18,448	20,081	1.089	1/20/2017
	Small Scale	9,088	7,525	0.828	8,084	13,398	1.657	1/20/2017
	Small Scale	6,954	5,741	0.826	6,657	6,362	0.956	1/23/2017
	Small Scale	7,113	6,406	0.901	6,884	5,030	0.731	1/23/2017
	Small Scale	13,392	13,458	1.005	7,245	7,027	0.970	1/25/2017
	Small Scale	3,900	4,248	1.089	4,850	8,051	1.660	1/25/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	9,566	6,956	0.727	10,806	7,426	0.687	1/25/2017
	Small Scale	6,377	6,321	0.991	4,836	3,915	0.810	1/25/2017
	Small Scale	5,298	3,906	0.737	17,268	9,721	0.563	1/25/2017
	Small Scale	7,947	5,324	0.670	13,860	10,589	0.764	1/25/2017
	Small Scale	12,387	9,342	0.754	15,690	12,737	0.812	1/25/2017
	Small Scale	8,094	7,583	0.937	7,345	6,716	0.914	1/25/2017
	Small Scale	6,291	5,263	0.837	5,522	5,113	0.926	1/25/2017
	Small Scale	6,978	5,601	0.803	6,557	6,055	0.923	1/25/2017
	Small Scale	4,967	2,977	0.599	4,513	6,360	1.409	1/25/2017
	Small Scale	13,392	0	0.000	20,623	36,416	1.766	1/25/2017
	Small Scale	13,343	13,544	1.015	13,631	12,044	0.884	1/25/2017
	Small Scale	6,990	6,416	0.918	7,987	5,933	0.743	1/25/2017
	Small Scale	13,282	13,903	1.047	22,409	26,726	1.193	1/25/2017
	Small Scale	8,039	4,501	0.560	14,233	14,194	0.997	1/26/2017
	Small Scale	7,015	6,673	0.951	5,565	6,498	1.168	1/26/2017
	Small Scale	9,958	6,743	0.677	14,829	10,111	0.682	1/27/2017
	Small Scale	3,679	3,460	0.940	3,390	3,302	0.974	1/27/2017
	Small Scale	9,425	8,145	0.864	8,614	7,392	0.858	1/27/2017
	Small Scale	9,787	8,558	0.874	7,853	8,572	1.092	1/27/2017
	Small Scale	3,679	2,038	0.554	2,931	2,969	1.013	1/27/2017
	Small Scale	9,272	9,627	1.038	8,083	8,852	1.095	1/27/2017
	Small Scale	9,603	8,936	0.931	7,440	13,288	1.786	1/27/2017
	Small Scale	13,447	12,589	0.936	11,139	9,961	0.894	1/30/2017
	Small Scale	3,508	3,339	0.952	3,928	4,173	1.062	1/31/2017
	Small Scale	12,926	14,077	1.089	18,114	18,945	1.046	1/31/2017
	Small Scale	13,907	11,584	0.833	13,257	12,087	0.912	1/31/2017
	Small Scale	12,264	13,853	1.130	14,077	12,955	0.920	1/31/2017
	Small Scale	5,960	181	0.030	6,006	11,915	1.984	2/1/2017
	Small Scale	8,462	8,943	1.057	6,839	7,386	1.080	2/1/2017
	Small Scale	4,305	3,483	0.809	6,724	6,015	0.895	2/1/2017
	Small Scale	5,703	5,159	0.905	2,197	2,505	1.140	2/6/2017
	Small Scale	6,175	6,338	1.026	3,828	4,272	1.116	2/7/2017
	Small Scale	5,887	6,296	1.070	4,911	9,692	1.974	2/7/2017
	Small Scale	7,824	7,671	0.980	2,682	1,772	0.661	2/7/2017
	Small Scale	4,341	3,556	0.819	3,507	2,989	0.852	2/7/2017
	Small Scale	13,245	12,150	0.917	10,719	21,324	1.989	2/7/2017
	Small Scale	6,500	6,096	0.938	5,750	9,817	1.707	2/7/2017
	Small Scale	8,830	12,314	1.395	11,291	15,989	1.416	2/7/2017
	Small Scale	4,636	4,907	1.059	5,243	2,260	0.431	2/8/2017
	Small Scale	12,092	7,588	0.628	11,462	9,390	0.819	2/8/2017
	Small Scale	3,311	2,968	0.896	2,806	2,379	0.848	2/9/2017
	Small Scale	12,362	11,158	0.903	2,854	7,665	2.686	2/9/2017
	Small Scale	7,211	6,876	0.954	6,543	8,825	1.349	2/9/2017
	Small Scale	9,321	5,847	0.627	7,120	6,960	0.978	2/9/2017
	Small Scale	4,967	5,286	1.064	4,641	3,481	0.750	2/9/2017
	Small Scale	11,534	7,703	0.668	10,117	8,284	0.819	2/9/2017
	Small Scale	10,670	8,390	0.786	8,555	7,813	0.913	2/9/2017
	Small Scale	9,272	9,964	1.075	10,245	8,979	0.876	2/9/2017
	Small Scale	5,519	5,518	1.000	14,327	18,162	1.268	2/9/2017
	Small Scale	5,629	3,892	0.691	5,200	6,264	1.205	2/14/2017
	Small Scale	12,509	13,468	1.077	10,312	25,055	2.430	2/14/2017
	Small Scale	12,583	10,828	0.861	13,317	13,424	1.008	2/14/2017
	Small Scale	6,990	7,475	1.069	8,489	8,814	1.038	2/14/2017
	Small Scale	13,392	11,431	0.854	18,682	18,096	0.969	2/14/2017
	Small Scale	10,400	8,507	0.818	8,229	7,756	0.943	2/14/2017
	Small Scale	7,285	6,273	0.861	10,241	11,160	1.090	2/14/2017
	Small Scale	9,437	9,483	1.005	9,224	8,987	0.974	2/14/2017
	Small Scale	6,843	5,762	0.842	9,402	10,359	1.102	2/14/2017
	Small Scale	5,960	4,412	0.740	7,109	7,827	1.101	2/14/2017
	Small Scale	8,389	6,452	0.769	7,486	13,717	1.832	2/14/2017
	Small Scale	4,967	4,817	0.970	4,776	4,871	1.020	2/15/2017
	Small Scale	7,726	8,399	1.087	8,546	13,479	1.577	2/15/2017
	Small Scale	4,967	4,792	0.965	4,787	8,523	1.780	2/15/2017
	Small Scale	8,830	8,797	0.996	13,017	10,952	0.841	2/15/2017
	Small Scale	4,415	3,629	0.822	5,677	4,701	0.828	2/15/2017
	Small Scale	6,291	6,149	0.977	6,737	6,234	0.925	2/15/2017
	Small Scale	13,135	10,851	0.826	14,547	17,513	1.204	2/15/2017
	Small Scale	4,875	5,577	1.144	5,167	4,986	0.965	2/15/2017
	Small Scale	9,272	8,827	0.952	9,271	8,778	0.947	2/15/2017
	Small Scale	4,231	4,421	1.045	3,535	5,359	1.516	2/16/2017
	Small Scale	6,500	6,582	1.013	4,169	4,110	0.986	2/16/2017
	Small Scale	6,990	7,055	1.009	9,483	8,265	0.872	2/16/2017
	Small Scale	12,448	6,405	0.515	26,277	29,631	1.128	2/16/2017
	Small Wind	1,839,600	3,436,984	1.868	2,424,119	3,455,736	1.426	2/20/2017
	Small Scale	11,038	10,845	0.983	10,128	10,072	0.994	2/21/2017
	Small Scale	13,282	11,497	0.866	19,104	21,108	1.105	2/21/2017
	Small Scale	6,402	5,569	0.870	6,368	5,101	0.801	2/21/2017
	Small Scale	7,947	5,088	0.640	7,453	6,975	0.936	2/22/2017
	Small Scale	13,245	13,247	1.000	9,537	15,426	1.617	2/22/2017
	Small Scale	8,278	5,608	0.677	7,870	5,924	0.753	2/22/2017
	Small Scale	5,151	5,050	0.980	5,893	5,720	0.971	2/22/2017
	Small Scale	4,047	4,093	1.011	9,803	17,723	1.808	2/22/2017
	Small Scale	9,075	4,559	0.502	5,062	6,848	1.353	2/22/2017
	Small Scale	3,974	3,724	0.937	7,521	7,116	0.946	2/24/2017
	Small Scale	6,635	4,633	0.698	6,880	6,136	0.892	2/24/2017
	Small Scale	9,566	6,007	0.628	10,847	8,505	0.784	2/24/2017
	Small Scale	11,038	7,625	0.691	10,992	7,832	0.713	2/24/2017
	Small Scale	8,033	7,332	0.913	8,125	5,678	0.699	2/24/2017
	Small Scale	12,141	12,789	1.053	11,422	10,945	0.958	2/24/2017
	Small Scale	10,817	11,335	1.048	8,348	8,118	0.972	2/24/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	6,623	5,182	0.782	5,110	3,925	0.768	3/1/2017
	Small Scale	4,047	4,534	1.120	4,936	5,001	1.013	3/1/2017
	Small Scale	7,690	5,883	0.765	7,773	5,565	0.716	3/1/2017
	Small Scale	11,773	11,737	0.997	11,579	11,167	0.964	3/1/2017
	Small Scale	5,629	3,786	0.673	8,765	9,362	1.068	3/1/2017
	Small Scale	6,291	4,692	0.746	3,513	4,683	1.333	3/1/2017
	Small Scale	8,769	8,259	0.942	13,189	19,870	1.507	3/1/2017
	Small Scale	11,773	13,851	1.176	11,625	11,991	1.031	3/1/2017
	Small Scale	11,589	9,634	0.831	14,042	11,185	0.797	3/1/2017
	Small Scale	6,672	6,481	0.971	5,378	4,404	0.819	3/1/2017
	Small Scale	11,675	8,266	0.708	19,032	20,321	1.068	3/1/2017
	Small Scale	7,358	6,035	0.820	4,911	5,660	1.153	3/1/2017
	Small Scale	5,151	5,185	1.007	9,320	7,775	0.834	3/1/2017
	Small Scale	6,623	6,915	1.044	6,126	6,842	1.117	3/1/2017
	Small Scale	6,377	3,798	0.596	10,243	9,066	0.885	3/1/2017
	Small Scale	11,038	9,597	0.869	8,169	8,684	1.063	3/1/2017
	Small Scale	12,264	11,743	0.958	15,591	12,873	0.826	3/1/2017
	Small Scale	8,769	7,229	0.824	10,654	10,343	0.971	3/9/2017
	Small Scale	10,596	8,378	0.791	10,500	10,073	0.959	3/9/2017
	Small Scale	11,406	9,068	0.795	10,804	8,063	0.746	3/9/2017
	Small Scale	8,094	7,243	0.895	6,616	9,326	1.410	3/9/2017
	Small Scale	10,835	10,076	0.930	10,029	9,316	0.929	3/9/2017
	Small Scale	5,960	4,978	0.835	5,975	6,166	1.032	3/9/2017
	Small Scale	7,947	5,956	0.749	7,278	6,844	0.940	3/13/2017
	Small Scale	9,088	7,615	0.838	8,681	15,069	1.736	3/13/2017
	Small Scale	13,392	13,128	0.980	6,034	15,407	2.553	3/14/2017
	Small Scale	10,670	7,050	0.661	8,963	8,912	0.994	3/16/2017
	Small Scale	6,291	4,694	0.746	19,929	16,153	0.811	3/16/2017
	Small Scale	11,737	12,886	1.098	8,000	7,164	0.896	3/16/2017
	Small Scale	5,691	5,283	0.928	5,291	7,790	1.472	3/16/2017
	Small Scale	6,868	4,249	0.619	4,619	5,437	1.177	3/16/2017
	Small Scale	7,616	8,098	1.063	29,573	5,882	0.199	3/16/2017
	Small Scale	8,940	9,589	1.073	8,985	6,731	0.749	3/16/2017
	Small Scale	4,268	4,258	0.998	4,965	11,536	2.323	3/16/2017
	Small Scale	5,298	3,544	0.669	5,431	5,404	0.995	3/16/2017
	Small Scale	9,198	8,151	0.886	5,161	6,029	1.168	3/16/2017
	Small Scale	13,392	11,391	0.851	20,137	21,558	1.071	3/16/2017
	Small Scale	14,030	13,185	0.940	18,128	17,612	0.972	3/16/2017
	Small Scale	9,272	4,803	0.518	8,066	10,306	1.278	3/16/2017
	Small Scale	9,787	6,307	0.644	12,529	16,137	1.288	3/17/2017
	Small Scale	3,495	2,909	0.832	4,405	3,645	0.827	3/17/2017
	Small Scale	6,990	7,632	1.092	5,926	5,524	0.932	3/20/2017
	Small Scale	6,623	5,733	0.866	7,928	9,109	1.149	3/20/2017
	Small Scale	4,636	4,797	1.035	4,748	4,447	0.937	3/20/2017
	Small Scale	5,960	5,616	0.942	6,074	15,404	2.536	3/20/2017
	Small Scale	6,954	6,002	0.863	7,195	7,189	0.999	3/20/2017
	Small Scale	7,358	8,407	1.143	7,722	6,165	0.798	3/20/2017
	Small Scale	5,629	5,493	0.976	6,191	5,420	0.875	3/20/2017
	Small Scale	5,298	5,781	1.091	13,594	12,307	0.905	3/23/2017
	Small Scale	6,291	5,031	0.800	6,556	8,123	1.239	3/23/2017
	Small Scale	13,392	10,378	0.775	17,146	18,434	1.075	3/23/2017
	Small Scale	7,285	6,536	0.897	7,240	7,232	0.999	3/23/2017
	Small Scale	11,589	7,910	0.683	15,921	19,602	1.231	3/23/2017
	Small Scale	3,642	3,531	0.969	3,619	4,296	1.187	3/23/2017
	Small Scale	4,194	4,356	1.039	6,991	5,038	0.721	3/23/2017
	Small Scale	3,311	3,343	1.010	3,697	2,461	0.666	3/23/2017
	Small Scale	3,974	4,043	1.017	5,069	3,622	0.715	3/23/2017
	Small Scale	7,690	7,082	0.921	7,285	6,615	0.908	3/23/2017
	Small Scale	6,954	6,656	0.957	8,593	9,451	1.100	3/23/2017
	Small Scale	5,519	6,501	1.178	4,667	6,843	1.466	3/23/2017
	Small Scale	6,641	6,579	0.991	7,927	6,087	0.768	3/28/2017
	Small Scale	11,589	8,483	0.732	8,927	11,177	1.252	3/28/2017
	Small Scale	13,257	14,330	1.081	20,853	18,252	0.875	3/28/2017
	Small Scale	7,285	4,080	0.560	7,870	7,538	0.958	3/28/2017
	Small Scale	5,298	5,662	1.069	7,580	5,521	0.728	3/28/2017
	Small Scale	10,989	9,939	0.904	18,688	24,576	1.315	3/28/2017
	Small Scale	4,893	5,357	1.095	5,698	7,236	1.270	3/29/2017
	Small Scale	8,885	9,213	1.037	11,634	15,059	1.294	3/29/2017
	Small Scale	8,290	8,192	0.988	9,238	10,102	1.094	3/29/2017
	Small Scale	13,343	10,432	0.782	13,093	11,480	0.877	3/29/2017
	Small Scale	12,252	10,876	0.888	18,507	14,364	0.776	3/29/2017
	Small Scale	8,609	8,321	0.967	8,454	9,892	1.170	3/29/2017
	Small Scale	9,272	7,093	0.765	9,782	10,993	1.124	3/30/2017
	Small Scale	13,392	9,727	0.726	24,263	23,495	0.968	3/30/2017
	Small Scale	9,885	8,129	0.822	8,688	9,066	1.044	3/30/2017
	Small Scale	12,141	9,872	0.813	12,906	13,050	1.011	3/30/2017
	Small Scale	13,282	9,992	0.752	16,340	14,885	0.911	3/30/2017
	Small Scale	11,087	10,738	0.969	6,702	14,161	2.113	3/31/2017
	Small Scale	13,159	12,031	0.914	10,826	11,028	1.019	3/31/2017
	Small Scale	8,278	8,450	1.021	11,328	10,757	0.950	3/31/2017
	Small Scale	3,710	3,597	0.970	4,079	5,439	1.333	3/31/2017
	Small Scale	4,967	4,783	0.963	9,176	8,547	0.931	3/31/2017
	Small Scale	5,151	4,892	0.950	5,611	7,248	1.292	3/31/2017
	Small Scale	9,198	8,519	0.926	10,853	11,691	1.077	3/31/2017
	Small Scale	4,317	4,210	0.975	4,888	4,446	0.910	4/3/2017
	Small Scale	9,566	9,138	0.955	10,528	11,326	1.076	4/3/2017
	Small Scale	4,893	4,501	0.920	10,333	5,408	0.523	4/3/2017
	Small Scale	5,494	4,375	0.796	4,987	1,943	0.390	4/3/2017
	Small Scale	4,967	4,634	0.933	5,208	8,935	1.716	4/3/2017
	Small Scale	7,340	6,559	0.894	7,076	6,416	0.907	4/4/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	3,753	3,686	0.982	4,310	5,289	1.227	4/4/2017
	Small Scale	8,462	7,022	0.830	21,026	28,756	1.368	4/5/2017
	Small Scale	4,538	4,236	0.934	4,191	4,483	1.070	4/5/2017
	Small Scale	6,954	6,252	0.899	9,219	9,510	1.032	4/5/2017
	Small Scale	10,363	10,318	0.996	8,868	6,385	0.720	4/5/2017
	Small Scale	5,942	5,578	0.939	6,094	5,738	0.942	4/5/2017
	Small Scale	11,737	13,249	1.129	13,010	13,302	1.022	4/7/2017
	Small Scale	11,406	8,364	0.733	9,666	8,516	0.881	4/7/2017
	Small Scale	4,636	4,423	0.954	5,353	3,714	0.694	4/7/2017
	Small Scale	7,015	6,536	0.932	7,973	6,769	0.849	4/7/2017
	Small Scale	13,159	10,931	0.831	19,125	20,978	1.097	4/7/2017
	Small Scale	10,817	11,202	1.036	12,725	13,392	1.052	4/7/2017
	Small Scale	6,954	6,108	0.878	6,955	12,274	1.765	4/11/2017
	Small Scale	10,265	9,070	0.884	10,495	9,528	0.908	4/12/2017
	Small Scale	8,891	7,501	0.844	6,817	4,684	0.687	4/12/2017
	Small Scale	9,272	9,220	0.994	9,402	9,036	0.961	4/12/2017
	Small Scale	5,408	5,744	1.062	5,699	5,711	1.002	4/12/2017
	Small Scale	11,258	10,744	0.954	10,325	9,902	0.959	4/12/2017
	Small Scale	6,623	5,538	0.836	16,384	14,422	0.880	4/12/2017
	Small Scale	12,264	8,390	0.684	11,919	13,033	1.093	4/13/2017
	Small Scale	4,268	3,963	0.929	3,625	4,967	1.370	4/13/2017
	Small Scale	10,265	8,943	0.871	11,525	11,149	0.967	4/13/2017
	Small Scale	6,623	6,649	1.004	7,852	7,628	0.971	4/13/2017
	Small Scale	7,358	7,121	0.968	7,899	6,814	0.863	4/13/2017
	Small Scale	6,291	5,592	0.889	7,917	9,297	1.174	4/13/2017
	Small Scale	9,603	7,309	0.761	11,730	12,846	1.095	4/13/2017
	Small Scale	16,090	14,450	0.898	15,825	14,984	0.947	4/13/2017
	Small Scale	8,940	9,107	1.019	10,649	8,807	0.827	4/13/2017
	Small Scale	6,291	4,529	0.720	10,605	11,571	1.091	4/14/2017
	Small Scale	9,787	7,641	0.781	15,683	21,352	1.361	4/14/2017
	Small Scale	16,219	7,633	0.471	21,827	20,713	0.949	4/14/2017
	Small Scale	13,245	12,100	0.914	13,120	13,541	1.032	4/14/2017
	Small Scale	4,415	4,575	1.036	4,998	3,615	0.723	4/14/2017
	Small Scale	7,616	5,525	0.725	6,988	9,335	1.336	4/14/2017
	Small Scale	13,245	13,483	1.018	12,980	13,210	1.018	4/14/2017
	Small Scale	13,282	8,585	0.646	13,508	14,821	1.097	4/14/2017
	Small Scale	11,258	10,031	0.891	11,442	12,688	1.109	4/18/2017
	Small Scale	9,701	7,762	0.800	2,772	8,613	3.107	4/18/2017
	Small Scale	6,291	6,041	0.960	6,005	5,201	0.866	4/18/2017
	Small Scale	5,151	5,255	1.020	3,883	4,017	1.035	4/18/2017
	Small Scale	7,616	7,493	0.984	8,053	7,877	0.978	4/18/2017
	Small Scale	6,954	7,706	1.108	10,493	7,956	0.758	4/18/2017
	Small Scale	9,603	10,518	1.095	8,632	8,416	0.975	4/18/2017
	Small Scale	10,486	10,259	0.978	21,513	17,619	0.819	4/18/2017
	Small Scale	10,265	10,589	1.032	5,461	7,108	1.302	4/18/2017
	Small Scale	8,609	7,577	0.880	11,533	16,508	1.431	4/18/2017
	Small Scale	10,989	11,287	1.027	11,445	11,530	1.007	4/19/2017
	Small Scale	2,943	2,841	0.965	6,710	12,417	1.851	4/19/2017
	Small Scale	9,934	8,865	0.892	10,636	8,265	0.777	4/19/2017
	Small Scale	13,343	12,987	0.973	4,376	7,713	1.763	4/21/2017
	Small Scale	13,245	15,196	1.147	16,266	10,944	0.673	4/21/2017
	Small Scale	13,159	11,768	0.894	22,356	23,692	1.060	4/24/2017
	Small Scale	7,690	7,898	1.027	8,358	8,440	1.010	4/24/2017
	Small Scale	7,616	5,806	0.762	5,946	7,925	1.333	4/24/2017
	Small Scale	3,679	3,590	0.976	4,042	2,869	0.710	4/24/2017
	Small Scale	3,974	3,245	0.817	4,406	4,797	1.089	4/24/2017
	Small Scale	6,623	7,356	1.111	8,167	7,705	0.943	4/25/2017
	Small Scale	12,558	12,961	1.032	9,546	8,763	0.918	4/26/2017
	Small Scale	11,737	12,585	1.072	10,740	12,397	1.154	4/26/2017
	Small Scale	13,282	11,460	0.863	14,916	15,000	1.006	4/26/2017
	Small Scale	8,487	6,598	0.777	7,962	12,508	1.571	4/26/2017
	Small Scale	10,670	10,082	0.945	12,374	12,031	0.972	4/26/2017
	Small Scale	9,247	10,115	1.094	9,469	9,596	1.013	4/26/2017
	Small Scale	10,204	8,929	0.875	11,733	10,656	0.908	4/27/2017
	Small Scale	12,509	11,318	0.905	13,640	10,325	0.757	4/27/2017
	Small Scale	8,327	8,887	1.067	7,550	6,243	0.827	4/27/2017
	Small Scale	9,603	9,986	1.040	1,524	6,507	4.270	4/27/2017
	Small Scale	5,298	5,742	1.084	5,847	7,633	1.305	4/27/2017
	Small Scale	9,787	9,429	0.963	10,771	13,904	1.291	4/28/2017
	Small Scale	11,038	10,980	0.995	11,446	10,060	0.879	4/28/2017
	Small Scale	4,292	2,518	0.587	21,076	10,445	0.496	4/28/2017
	Small Scale	13,245	12,392	0.936	14,371	12,780	0.889	4/28/2017
	Small Scale	5,102	5,394	1.057	12,274	10,106	0.823	4/28/2017
	Small Scale	4,268	4,222	0.989	3,754	4,505	1.200	5/3/2017
	Small Scale	13,245	8,151	0.615	22,769	18,119	0.796	5/3/2017
	Small Scale	7,358	5,760	0.783	9,530	9,235	0.969	5/3/2017
	Small Scale	3,974	3,750	0.944	4,005	2,975	0.743	5/3/2017
	Small Scale	7,690	6,567	0.854	8,027	6,627	0.826	5/3/2017
	Small Scale	9,247	10,314	1.115	8,993	12,008	1.335	5/3/2017
	Small Scale	9,088	8,363	0.920	9,905	12,222	1.234	5/3/2017
	Small Scale	10,265	7,882	0.768	15,991	16,090	1.006	5/3/2017
	Small Scale	10,670	11,578	1.085	9,470	9,541	1.007	5/3/2017
	Small Scale	5,298	4,153	0.784	5,734	2,648	0.462	5/3/2017
	Small Scale	5,151	5,577	1.083	3,690	6,604	1.790	5/4/2017
	Small Scale	9,026	5,457	0.605	7,248	6,469	0.893	5/4/2017
	Small Scale	7,947	8,008	1.008	11,545	12,059	1.045	5/5/2017
	Small Scale	8,940	8,782	0.982	8,865	6,357	0.717	5/5/2017
	Small Scale	10,486	9,096	0.867	8,691	9,445	1.087	5/5/2017
	Small Scale	6,623	6,619	0.999	8,077	16,683	2.065	5/5/2017
	Small Scale	3,679	3,901	1.060	3,470	3,033	0.874	5/5/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	13,159	12,378	0.941	17,896	20,157	1.126	5/5/2017
	Small Scale	11,406	10,896	0.955	12,030	9,820	0.816	5/5/2017
	Small Scale	2,943	2,749	0.934	6,734	6,687	0.993	5/5/2017
	Small Scale	4,722	4,196	0.889	5,634	6,700	1.189	5/5/2017
	Small Scale	3,587	3,166	0.883	11,834	15,476	1.308	5/5/2017
	Small Scale	25,828	21,613	0.837	18,209	7,606	0.418	5/8/2017
	Small Scale	13,343	9,423	0.706	13,989	16,113	1.152	5/9/2017
	Small Scale	8,438	6,907	0.819	8,975	8,327	0.928	5/10/2017
	Small Scale	3,495	2,240	0.641	3,754	3,252	0.866	5/10/2017
	Small Scale	6,641	7,074	1.065	9,661	8,653	0.896	5/10/2017
	Small Scale	8,634	6,919	0.801	7,727	9,763	1.263	5/10/2017
	Small Scale	7,285	6,871	0.943	10,286	9,121	0.887	5/11/2017
	Small Scale	6,291	5,712	0.908	6,692	6,892	1.030	5/11/2017
	Small Scale	5,592	4,447	0.795	5,740	6,095	1.062	5/12/2017
	Small Scale	6,291	5,058	0.804	6,778	5,757	0.849	5/12/2017
	Small Scale	5,629	5,148	0.915	5,676	4,451	0.784	5/12/2017
	Small Scale	8,634	8,588	0.995	9,248	6,913	0.748	5/12/2017
	Small Scale	9,787	9,909	1.012	36,850	39,988	1.085	5/12/2017
	Small Scale	3,311	473	0.143	5,855	5,178	0.884	5/12/2017
	Small Scale	9,247	10,061	1.088	8,385	9,974	1.190	5/12/2017
	Small Scale	11,589	11,189	0.965	11,038	12,252	1.110	5/15/2017
	Small Scale	5,629	6,232	1.107	8,283	5,793	0.699	5/15/2017
	Small Scale	4,047	4,060	1.003	3,976	3,993	1.004	5/16/2017
	Small Scale	5,592	4,047	0.724	19,902	19,320	0.971	5/16/2017
	Small Scale	3,974	3,727	0.938	3,064	4,431	1.446	5/16/2017
	Small Scale	7,763	7,286	0.939	10,463	9,412	0.900	5/16/2017
	Small Scale	6,990	5,981	0.856	6,500	7,065	1.087	5/16/2017
	Small Scale	10,486	10,466	0.998	13,909	12,252	0.881	5/17/2017
	Small Scale	8,125	7,852	0.966	8,066	6,863	0.851	5/17/2017
	Small Scale	6,402	5,248	0.820	6,299	6,604	1.048	5/17/2017
	Small Scale	13,159	11,474	0.872	2,552	4,113	1.612	5/18/2017
	Small Scale	8,389	7,036	0.839	7,986	6,844	0.857	5/18/2017
	Small Scale	10,326	7,281	0.705	9,976	9,737	0.976	5/19/2017
	Small Scale	13,159	13,153	1.000	19,036	19,965	1.049	5/19/2017
	Small Scale	7,616	7,901	1.037	7,643	8,945	1.170	5/19/2017
	Small Scale	8,928	8,070	0.904	8,443	6,005	0.711	5/19/2017
	Small Scale	13,159	14,265	1.084	30,593	27,715	0.906	5/23/2017
	Small Scale	13,981	11,318	0.810	9,078	9,391	1.034	5/23/2017
	Small Scale	10,486	10,233	0.976	10,637	11,981	1.126	5/23/2017
	Small Scale	10,486	8,575	0.818	10,112	8,764	0.867	5/23/2017
	Small Scale	7,285	5,575	0.765	10,749	8,429	0.784	5/23/2017
	Small Scale	12,804	10,693	0.835	5,507	5,207	0.946	5/23/2017
	Small Scale	7,285	7,203	0.989	13,395	14,544	1.086	5/23/2017
	Small Scale	10,473	10,585	1.011	14,273	14,931	1.046	5/23/2017
	Small Scale	5,691	4,604	0.809	4,819	11,168	2.317	5/23/2017
	Small Scale	5,960	3,754	0.630	2,642	3,149	1.192	5/23/2017
	Small Scale	13,282	15,516	1.168	14,211	15,066	1.060	5/24/2017
	Small Scale	12,877	12,988	1.009	13,064	8,024	0.614	5/24/2017
	Small Scale	9,603	7,267	0.757	12,681	16,131	1.272	5/24/2017
	Small Scale	7,340	7,926	1.080	6,918	8,414	1.216	5/24/2017
	Small Scale	4,722	4,202	0.890	4,486	5,642	1.258	5/24/2017
	Small Scale	10,835	9,633	0.889	27,158	29,417	1.083	5/24/2017
	Small Scale	11,773	12,347	1.049	4,993	13,291	2.662	5/24/2017
	Small Scale	9,437	8,770	0.929	9,989	8,946	0.896	5/24/2017
	Small Scale	10,302	10,000	0.971	10,065	10,805	1.074	5/24/2017
	Small Scale	9,958	9,784	0.982	8,380	11,702	1.396	5/24/2017
	Small Scale	6,623	7,681	1.160	7,729	9,489	1.228	5/25/2017
	Small Scale	4,544	4,623	1.017	4,254	3,850	0.905	5/25/2017
	Small Scale	10,118	11,441	1.131	13,099	15,414	1.177	5/25/2017
	Small Scale	6,623	6,738	1.017	11,539	11,836	1.026	5/25/2017
	Small Scale	6,745	5,725	0.849	10,775	8,600	0.798	5/25/2017
	Small Scale	7,082	5,617	0.793	6,167	6,906	1.120	5/25/2017
	Small Scale	9,106	7,828	0.860	9,725	11,286	1.161	5/26/2017
	Small Scale	5,298	3,787	0.715	4,731	5,714	1.208	5/26/2017
	Small Scale	5,298	5,074	0.958	7,703	10,786	1.400	5/31/2017
	Small Scale	11,921	8,501	0.713	14,371	11,289	0.786	5/31/2017
	Small Scale	7,616	7,735	1.016	7,829	7,267	0.928	5/31/2017
	Small Scale	5,727	4,789	0.836	8,742	7,733	0.885	5/31/2017
	Small Scale	8,940	6,962	0.779	9,899	9,098	0.919	5/31/2017
	Small Scale	11,773	10,015	0.851	9,911	8,669	0.875	5/31/2017
	Small Scale	10,841	6,995	0.645	10,290	10,206	0.992	5/31/2017
	Small Scale	13,245	12,715	0.960	41,326	113,859	2.755	5/31/2017
	Small Scale	5,611	5,651	1.007	5,615	5,472	0.975	6/2/2017
	Small Scale	12,092	9,798	0.810	11,994	10,095	0.842	6/2/2017
	Small Scale	6,623	5,392	0.814	7,516	7,618	1.014	6/2/2017
	Small Scale	7,064	6,518	0.923	6,693	5,340	0.798	6/2/2017
	Small Scale	7,089	5,988	0.845	7,504	7,310	0.974	6/2/2017
	Small Scale	6,990	7,575	1.084	7,951	7,532	0.947	6/2/2017
	Small Scale	4,967	4,392	0.884	8,718	8,497	0.975	6/2/2017
	Small Scale	13,245	11,726	0.885	19,958	14,663	0.735	6/2/2017
	Small Scale	7,469	6,953	0.931	11,715	15,979	1.364	6/6/2017
	Small Scale	6,291	4,306	0.684	5,679	4,510	0.794	6/6/2017
	Small Scale	6,291	6,121	0.973	6,942	7,495	1.080	6/6/2017
	Small Scale	9,934	9,848	0.991	12,442	10,649	0.856	6/6/2017
	Small Scale	6,046	5,219	0.863	8,765	7,781	0.888	6/6/2017
	Small Scale	7,849	6,019	0.767	8,670	7,610	0.878	6/6/2017
	Small Scale	13,447	8,944	0.665	20,401	23,966	1.175	6/6/2017
	Small Scale	5,580	5,586	1.001	6,742	3,109	0.461	6/8/2017
	Small Scale	7,824	6,897	0.881	7,381	5,767	0.781	6/8/2017
	Small Scale	11,123	9,917	0.892	11,627	11,091	0.954	6/8/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	5,519	5,462	0.990	6,270	7,615	1.215	6/8/2017
	Small Scale	5,960	5,879	0.986	5,167	3,639	0.704	6/8/2017
	Small Scale	11,773	12,124	1.030	13,289	13,128	0.988	6/9/2017
	Small Scale	9,106	7,687	0.844	3,959	5,797	1.464	6/9/2017
	Small Scale	10,486	10,504	1.002	13,335	14,149	1.061	6/9/2017
	Small Scale	9,198	7,029	0.764	8,984	8,878	0.988	6/9/2017
	Small Scale	3,140	3,004	0.957	2,250	2,532	1.125	6/9/2017
	Small Scale	4,967	5,240	1.055	5,023	5,384	1.072	6/9/2017
	Small Scale	5,335	5,144	0.964	12,774	11,200	0.877	6/9/2017
	Small Scale	11,773	9,619	0.817	12,363	12,439	1.006	6/9/2017
	Small Scale	2,796	3,177	1.136	7,476	9,890	1.323	6/9/2017
	Small Scale	5,629	5,640	1.002	5,471	4,131	0.755	6/9/2017
	Small Scale	7,947	7,618	0.959	9,501	12,828	1.350	6/12/2017
	Small Scale	8,536	7,749	0.908	6,600	9,636	1.460	6/13/2017
	Small Scale	6,757	6,989	1.034	6,790	6,608	0.973	6/13/2017
	Small Scale	9,443	9,204	0.975	9,600	11,076	1.154	6/13/2017
	Small Scale	10,670	12,223	1.146	11,587	10,941	0.944	6/13/2017
	Small Scale	4,979	4,253	0.854	2,781	4,531	1.629	6/13/2017
	Small Scale	5,519	3,500	0.634	5,791	6,693	1.156	6/13/2017
	Small Scale	7,690	7,188	0.935	11,871	10,793	0.909	6/13/2017
	Small Scale	11,381	7,929	0.697	3,614	10,726	2.968	6/16/2017
	Small Scale	5,065	5,193	1.025	5,272	5,419	1.028	6/16/2017
	Small Scale	8,389	8,795	1.048	7,923	7,468	0.943	6/16/2017
	Small Scale	4,967	5,549	1.117	5,868	6,406	1.092	6/16/2017
	Small Scale	10,645	7,966	0.748	44,446	38,135	0.858	6/16/2017
	Small Scale	7,420	7,338	0.989	7,514	6,247	0.831	6/16/2017
	Small Scale	8,389	7,603	0.906	8,430	4,154	0.493	6/19/2017
	Small Scale	5,059	5,553	1.098	6,051	7,024	1.161	6/19/2017
	Small Scale	11,258	9,110	0.809	11,300	7,398	0.655	6/19/2017
	Small Scale	8,769	6,303	0.719	7,748	8,330	1.075	6/21/2017
	Small Scale	6,071	3,821	0.629	7,953	8,119	1.021	6/21/2017
	Small Scale	8,039	5,708	0.710	17,328	13,914	0.803	6/21/2017
	Small Scale	12,141	11,684	0.962	15,949	14,610	0.916	6/21/2017
	Small Scale	9,247	7,678	0.830	11,382	11,124	0.977	6/21/2017
	Small Scale	7,947	8,558	1.077	8,916	13,467	1.510	6/21/2017
	Small Scale	6,868	6,580	0.958	5,065	7,646	1.510	6/21/2017
	Small Scale	8,094	6,207	0.767	12,753	9,960	0.781	6/21/2017
	Small Scale	8,389	7,184	0.856	9,647	8,746	0.907	6/21/2017
	Small Scale	6,623	4,558	0.688	6,462	5,074	0.785	6/21/2017
	Small Scale	9,088	9,941	1.094	12,265	13,051	1.064	6/26/2017
	Small Scale	9,934	9,605	0.967	10,043	10,072	1.003	6/27/2017
	Small Scale	7,285	8,703	1.195	7,835	8,528	1.088	6/28/2017
	Small Scale	6,414	5,817	0.907	9,582	6,729	0.702	6/28/2017
	Small Scale	5,850	5,261	0.899	5,886	6,628	1.126	6/28/2017
	Small Scale	8,180	7,190	0.879	8,202	7,199	0.878	6/28/2017
	Small Scale	8,769	8,670	0.989	12,248	8,311	0.679	6/28/2017
	Small Scale	5,960	4,769	0.800	8,401	8,048	0.958	6/28/2017
	Small Scale	8,278	5,327	0.643	13,452	9,586	0.713	6/28/2017
	Small Scale	10,265	11,079	1.079	5,626	4,811	0.855	6/28/2017
	Small Scale	7,947	7,331	0.922	10,339	10,351	1.001	6/28/2017
	Small Scale	12,583	10,862	0.863	19,627	15,608	0.795	6/28/2017
	Small Scale	5,065	5,176	1.022	15,089	9,669	0.641	6/28/2017
	Small Scale	6,291	5,381	0.855	9,006	8,817	0.979	6/29/2017
	Small Scale	10,792	7,692	0.713	10,291	9,826	0.955	6/29/2017
	Small Scale	4,305	3,896	0.905	6,008	4,306	0.717	6/29/2017
	Small Scale	7,193	7,129	0.991	7,028	7,468	1.063	6/29/2017
	Small Scale	8,891	8,377	0.942	8,236	14,271	1.733	6/29/2017
	Small Scale	4,268	4,325	1.013	1,056	3,118	2.953	6/30/2017
	Small Scale	5,065	3,400	0.671	5,140	1,841	0.358	6/30/2017
	Small Scale	5,408	4,322	0.799	5,223	4,876	0.934	6/30/2017
	Small Scale	3,005	2,699	0.898	2,649	2,782	1.050	6/30/2017
	Small Scale	5,592	5,577	0.997	5,942	9,426	1.586	6/30/2017
	Small Scale	8,438	8,203	0.972	9,222	8,536	0.926	6/30/2017
	Small Scale	3,035	2,762	0.910	2,885	2,041	0.707	7/5/2017
	Small Scale	8,609	7,225	0.839	8,451	8,134	0.962	7/5/2017
	Small Scale	7,616	7,040	0.924	9,203	9,972	1.084	7/5/2017
	Small Scale	4,783	5,020	1.050	8,015	6,761	0.844	7/5/2017
	Small Scale	2,551	1,955	0.766	2,807	2,017	0.719	7/5/2017
	Small Scale	12,558	12,642	1.007	16,043	14,284	0.890	7/5/2017
	Medium-Scale Solar	306,600	350,871	1.144	287,352	353,063	1.229	7/6/2017
	Small Scale	8,769	6,406	0.731	14,704	12,868	0.875	7/7/2017
	Small Scale	11,406	10,131	0.888	13,821	9,468	0.685	7/7/2017
	Small Scale	9,173	11,805	1.287	9,348	8,050	0.861	7/7/2017
	Small Scale	10,989	10,607	0.965	17,339	20,921	1.207	7/7/2017
	Small Scale	3,557	2,108	0.593	4,254	4,197	0.987	7/7/2017
	Small Scale	9,443	6,463	0.684	9,240	9,164	0.992	7/10/2017
	Small Scale	11,025	9,444	0.857	9,118	19,700	2.161	7/10/2017
	Small Scale	6,445	6,635	1.030	10,537	10,713	1.017	7/10/2017
	Small Scale	8,094	8,686	1.073	9,838	8,220	0.836	7/10/2017
	Small Scale	9,566	8,555	0.894	15,968	18,434	1.154	7/10/2017
	Small Scale	6,365	5,071	0.797	6,279	4,920	0.784	7/10/2017
	Small Scale	6,291	5,039	0.801	6,487	5,005	0.772	7/10/2017
	Small Scale	7,972	5,026	0.630	5,100	7,408	1.453	7/10/2017
	Small Scale	6,868	3,303	0.481	14,238	14,784	1.038	7/10/2017
	Small Scale	4,121	3,935	0.955	4,649	6,482	1.394	7/10/2017
	Small Scale	4,391	4,343	0.989	4,782	5,719	1.196	7/11/2017
	Small Scale	13,245	11,349	0.857	12,945	10,601	0.819	7/11/2017
	Small Scale	4,893	5,126	1.048	5,146	6,251	1.215	7/11/2017
	Small Scale	8,609	9,070	1.054	11,593	13,113	1.131	7/11/2017
	Small Scale	6,071	3,731	0.615	7,383	8,064	1.092	7/11/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	13,245	9,929	0.750	9,817	9,583	0.976	7/11/2017
	Small Scale	8,757	8,669	0.990	58,316	40,005	0.686	7/11/2017
	Small Scale	5,960	6,870	1.153	9,546	9,523	0.998	7/11/2017
	Small Scale	8,094	8,413	1.039	1,482	3,324	2.243	7/11/2017
	Small Scale	5,691	4,769	0.838	5,670	5,227	0.922	7/11/2017
	Small Scale	13,245	9,977	0.753	25,966	34,666	1.335	7/11/2017
	Small Scale	7,469	8,234	1.102	8,026	9,068	1.130	7/12/2017
	Small Scale	6,255	6,090	0.974	6,671	7,607	1.140	7/12/2017
	Small Scale	4,544	2,500	0.550	7,768	8,382	1.079	7/12/2017
	Small Scale	6,291	6,658	1.058	6,395	5,905	0.923	7/14/2017
	Small Scale	8,536	8,080	0.947	8,672	9,219	1.063	7/14/2017
	Small Scale	6,623	5,297	0.800	7,180	10,782	1.502	7/14/2017
	Small Scale	7,757	6,403	0.825	6,567	13,335	2.031	7/14/2017
	Small Scale	9,069	7,485	0.825	9,153	9,841	1.075	7/14/2017
	Small Scale	10,498	10,692	1.018	11,865	11,655	0.982	7/14/2017
	Small Scale	8,094	8,782	1.085	9,415	7,880	0.837	7/17/2017
	Small Scale	12,031	8,469	0.704	17,726	16,765	0.946	7/17/2017
	Small Scale	13,478	14,327	1.063	25,349	24,554	0.969	7/17/2017
	Small Scale	3,753	3,705	0.987	7,069	5,967	0.844	7/17/2017
	Small Scale	4,967	4,322	0.870	6,203	9,320	1.502	7/17/2017
	Small Scale	11,589	11,627	1.003	7,312	8,074	1.104	7/17/2017
	Small Scale	13,331	14,183	1.064	17,272	21,239	1.230	7/17/2017
	Small Scale	5,335	5,829	1.093	5,493	6,411	1.167	7/17/2017
	Small Scale	5,850	5,536	0.946	6,379	6,627	1.039	7/18/2017
	Small Scale	5,396	5,405	1.002	6,099	4,023	0.660	7/18/2017
	Small Scale	8,536	7,692	0.901	8,475	10,911	1.287	7/18/2017
	Small Scale	4,384	4,191	0.956	5,951	5,236	0.880	7/18/2017
	Small Scale	13,650	12,878	0.943	19,150	15,521	0.810	7/18/2017
	Small Scale	5,960	6,480	1.087	6,339	7,130	1.125	7/18/2017
	Small Scale	9,247	9,579	1.036	6,563	5,718	0.871	7/18/2017
	Small Scale	3,710	3,070	0.828	3,886	3,635	0.935	7/19/2017
	Small Scale	12,141	12,792	1.054	17,684	20,207	1.143	7/19/2017
	Small Scale	7,358	5,965	0.811	8,251	7,632	0.925	7/21/2017
	Small Scale	3,557	3,643	1.024	3,367	4,471	1.328	7/21/2017
	Small Scale	6,046	5,948	0.984	6,764	16,702	2.469	7/21/2017
	Small Scale	3,679	2,367	0.643	4,001	4,036	1.009	7/21/2017
	Small Scale	12,362	9,855	0.797	34,923	42,722	1.223	7/21/2017
	Small Scale	7,113	5,066	0.712	6,363	7,805	1.227	7/21/2017
	Small Scale	4,231	3,749	0.886	5,176	4,490	0.867	7/21/2017
	Small Scale	9,431	9,262	0.982	10,435	8,840	0.847	7/21/2017
	Small Scale	12,804	9,909	0.774	16,742	15,691	0.937	7/21/2017
	Small Scale	6,071	5,549	0.914	6,963	6,019	0.864	7/21/2017
	Small Scale	10,670	10,986	1.030	14,257	13,695	0.961	7/21/2017
	Small Scale	11,013	8,792	0.798	10,979	11,310	1.030	7/21/2017
	Small Scale	6,757	6,427	0.951	7,843	7,531	0.960	7/21/2017
	Small Scale	9,272	9,685	1.045	9,935	8,074	0.813	7/21/2017
	Small Scale	6,071	5,824	0.959	6,569	7,208	1.097	7/21/2017
	Small Scale	10,081	10,507	1.042	12,710	9,821	0.773	7/24/2017
	Small Scale	8,094	7,449	0.920	8,805	19,705	2.238	7/24/2017
	Small Scale	9,603	9,753	1.016	12,823	16,868	1.315	7/24/2017
	Small Scale	6,310	5,472	0.867	10,167	9,365	0.921	7/24/2017
	Small Scale	4,807	3,517	0.732	5,507	7,030	1.277	7/24/2017
	Small Scale	6,745	6,667	0.988	7,195	6,215	0.864	7/27/2017
	Small Scale	5,960	6,691	1.123	6,675	8,990	1.347	7/27/2017
	Small Scale	13,159	8,083	0.614	15,717	13,801	0.878	7/27/2017
	Small Scale	6,071	5,661	0.933	6,842	4,855	0.710	7/27/2017
	Small Scale	13,325	10,880	0.817	19,669	21,676	1.102	7/27/2017
	Small Scale	9,100	10,017	1.101	10,896	8,202	0.753	7/27/2017
	Small Scale	6,745	7,008	1.039	10,722	12,448	1.161	7/27/2017
	Small Scale	6,868	5,008	0.729	7,129	6,662	0.934	7/27/2017
	Small Scale	4,881	3,599	0.737	4,274	3,934	0.920	7/27/2017
	Small Scale	4,722	4,217	0.893	8,898	3,801	0.427	7/31/2017
	Small Scale	7,113	6,419	0.902	8,520	7,326	0.860	7/31/2017
	Small Scale	10,314	8,386	0.813	13,041	18,665	1.431	7/31/2017
	Small Scale	7,800	6,861	0.880	7,838	7,515	0.959	7/31/2017
	Small Scale	13,135	14,425	1.098	10,758	15,136	1.407	7/31/2017
	Small Scale	9,958	8,691	0.873	21,128	16,935	0.802	7/31/2017
	Small Scale	7,113	7,370	1.036	6,888	5,867	0.852	7/31/2017
	Small Scale	4,967	5,464	1.100	5,940	5,515	0.928	7/31/2017
	Small Scale	12,583	11,111	0.883	8,733	51,006	5.841	7/31/2017
	Small Scale	8,536	7,441	0.872	6,320	5,766	0.912	7/31/2017
	Small Scale	4,550	4,312	0.948	4,874	4,435	0.910	8/1/2017
	Small Scale	10,670	5,600	0.525	11,348	11,950	1.053	8/1/2017
	Small Scale	6,825	5,520	0.809	7,198	8,751	1.216	8/1/2017
	Medium-Scale Solar	306,428	250,221	0.817	236,307	250,221	1.059	8/1/2017
	Small Scale	8,707	8,794	1.010	11,377	10,734	0.943	8/1/2017
	Small Scale	3,777	4,030	1.067	3,642	4,618	1.268	8/1/2017
	Small Scale	6,500	5,582	0.859	7,327	8,263	1.128	8/1/2017
	Small Scale	3,777	3,833	1.015	3,634	4,323	1.190	8/1/2017
	Small Scale	8,438	8,338	0.988	7,833	9,168	1.170	8/1/2017
	Small Scale	4,550	4,731	1.040	6,194	4,171	0.673	8/1/2017
	Small Scale	7,469	7,616	1.020	9,506	7,588	0.798	8/1/2017
	Small Scale	7,947	5,063	0.637	10,740	15,242	1.419	8/1/2017
	Small Scale	6,500	5,824	0.896	6,465	5,389	0.834	8/1/2017
	Small Scale	5,298	4,915	0.928	5,259	4,463	0.849	8/1/2017
	Small Scale	5,298	5,453	1.029	5,902	5,513	0.934	8/1/2017
	Small Scale	4,722	4,709	0.997	4,871	4,349	0.893	8/1/2017
	Small Scale	5,151	5,061	0.983	5,997	6,156	1.027	8/1/2017
	Small Scale	4,415	4,573	1.036	17,885	20,380	1.140	8/2/2017
	Small Scale	9,431	8,581	0.910	9,786	8,809	0.900	8/2/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	13,000	13,589	1.045	15,446	9,251	0.599	8/2/2017
	Small Scale	10,927	9,103	0.833	10,911	10,245	0.939	8/2/2017
	Small Scale	4,305	3,445	0.800	5,070	6,537	1.289	8/2/2017
	Small Scale	12,141	9,679	0.797	12,550	9,527	0.759	8/2/2017
	Small Scale	2,318	2,308	0.996	2,713	2,422	0.893	8/2/2017
	Small Scale	6,500	5,103	0.785	6,232	6,373	1.023	8/2/2017
	Small Scale	9,615	7,714	0.802	9,957	9,327	0.937	8/3/2017
	Small Scale	13,159	13,027	0.990	20,284	23,781	1.172	8/4/2017
	Small Scale	8,131	5,567	0.685	6,963	10,546	1.515	8/4/2017
	Small Scale	8,094	8,617	1.065	9,588	5,286	0.551	8/4/2017
	Small Scale	6,071	4,585	0.755	6,643	5,808	0.874	8/4/2017
	Small Scale	10,927	11,737	1.074	12,481	12,870	1.031	8/4/2017
	Small Scale	5,151	3,361	0.653	7,254	4,856	0.669	8/4/2017
	Small Scale	10,473	11,505	1.098	11,887	11,843	0.996	8/4/2017
	Small Scale	9,272	8,905	0.960	13,723	12,592	0.918	8/4/2017
	Small Scale	4,305	3,178	0.738	4,221	2,651	0.628	8/7/2017
	Small Scale	9,701	7,966	0.821	9,927	10,368	1.044	8/7/2017
	Small Scale	8,241	5,756	0.698	9,421	9,567	1.015	8/7/2017
	Small Scale	9,088	9,353	1.029	11,660	10,313	0.884	8/7/2017
	Small Scale	5,592	5,492	0.982	3,530	3,886	1.101	8/7/2017
	Small Scale	4,121	4,002	0.971	4,813	4,404	0.915	8/7/2017
	Small Scale	5,151	5,161	1.002	4,986	5,225	1.048	8/7/2017
	Small Scale	12,350	15,105	1.223	22,705	24,303	1.070	8/7/2017
	Small Scale	8,769	8,923	1.018	10,455	11,075	1.059	8/7/2017
	Small Scale	11,381	12,129	1.066	10,337	10,555	1.021	8/7/2017
	Small Scale	12,019	10,251	0.853	13,359	14,080	1.054	8/7/2017
	Small Scale	7,824	8,325	1.064	8,884	8,110	0.913	8/7/2017
	Small Scale	10,645	7,102	0.667	11,906	10,785	0.906	8/8/2017
	Small Scale	9,958	11,109	1.116	10,073	11,066	1.099	8/8/2017
	Small Scale	10,302	10,641	1.033	13,969	14,820	1.061	8/8/2017
	Small Scale	13,245	9,817	0.741	12,619	10,629	0.842	8/8/2017
	Small Scale	7,150	8,103	1.133	7,816	7,910	1.012	8/9/2017
	Small Scale	6,402	4,451	0.695	7,702	6,979	0.906	8/9/2017
	Small Scale	11,914	11,517	0.967	12,331	13,358	1.083	8/9/2017
	Small Scale	4,624	4,854	1.050	4,749	5,472	1.152	8/9/2017
	Small Scale	9,198	8,449	0.919	10,176	9,750	0.958	8/9/2017
	Small Scale	4,967	4,658	0.938	3,296	4,126	1.252	8/9/2017
	Small Scale	5,691	5,631	0.990	8,558	5,940	0.694	8/9/2017
	Small Scale	6,745	6,483	0.961	7,771	6,914	0.890	8/9/2017
	Small Scale	3,679	3,043	0.827	3,033	2,524	0.832	8/9/2017
	Small Scale	12,141	10,251	0.844	23,874	17,237	0.722	8/9/2017
	Small Scale	8,432	7,593	0.901	6,757	5,416	0.802	8/9/2017
	Small Scale	2,600	2,284	0.878	2,392	2,333	0.975	8/9/2017
	Small Scale	13,325	8,071	0.606	13,702	15,614	1.140	8/10/2017
	Small Scale	9,787	8,232	0.841	16,450	16,834	1.023	8/10/2017
	Small Scale	8,769	8,293	0.946	11,375	12,151	1.068	8/10/2017
	Small Scale	4,722	3,431	0.727	5,254	5,015	0.955	8/10/2017
	Small Scale	6,181	7,044	1.140	7,249	6,807	0.939	8/10/2017
	Small Scale	6,500	6,183	0.951	9,564	7,125	0.745	8/10/2017
	Small Scale	10,099	12,127	1.201	10,254	10,872	1.060	8/10/2017
	Small Scale	12,031	5,386	0.448	12,995	11,079	0.853	8/10/2017
	Small Scale	12,804	12,791	0.999	5,337	14,207	2.662	8/10/2017
	Small Scale	7,726	5,680	0.735	9,472	10,079	1.064	8/10/2017
	Small Scale	6,831	6,688	0.979	7,394	8,248	1.115	8/10/2017
	Small Scale	5,617	5,785	1.030	3,931	6,646	1.691	8/10/2017
	Small Scale	4,881	4,278	0.876	5,945	5,039	0.848	8/11/2017
	Small Scale	9,100	8,912	0.979	9,806	9,972	1.017	8/15/2017
	Small Scale	5,316	3,718	0.699	7,982	8,264	1.035	8/16/2017
	Small Scale	8,389	7,016	0.836	11,424	9,557	0.837	8/16/2017
	Small Scale	6,402	6,085	0.951	6,841	6,812	0.996	8/16/2017
	Small Scale	8,769	9,612	1.096	9,326	11,538	1.237	8/16/2017
	Small Scale	6,291	4,801	0.763	6,031	5,814	0.964	8/17/2017
	Small Scale	10,792	8,218	0.761	12,012	10,256	0.854	8/17/2017
	Small Scale	10,633	8,816	0.829	9,518	8,151	0.856	8/17/2017
	Small Scale	8,450	9,000	1.065	9,119	8,578	0.941	8/17/2017
	Small Scale	4,722	3,286	0.696	4,137	4,120	0.996	8/17/2017
	Small Scale	6,623	6,311	0.953	6,833	7,004	1.025	8/17/2017
	Small Scale	13,282	10,527	0.793	17,203	18,345	1.066	8/17/2017
	Small Scale	8,977	8,932	0.995	7,207	9,645	1.338	8/17/2017
	Small Scale	9,088	6,442	0.709	10,219	9,043	0.885	8/17/2017
	Small Scale	3,777	3,578	0.947	3,878	3,489	0.900	8/17/2017
	Small Scale	10,596	6,309	0.595	10,699	7,973	0.745	8/17/2017
	Small Scale	6,990	5,297	0.758	7,217	6,413	0.889	8/17/2017
	Small Scale	9,781	7,713	0.789	14,236	5,537	0.389	8/17/2017
	Small Scale	10,829	9,240	0.853	14,066	12,428	0.884	8/17/2017
	Small Scale	10,431	10,222	0.980	9,671	13,253	1.370	8/18/2017
	Small Scale	9,088	8,502	0.936	12,615	9,802	0.777	8/18/2017
	Small Scale	6,757	6,228	0.922	6,671	6,232	0.934	8/18/2017
	Small Scale	12,019	5,894	0.490	7,072	10,615	1.501	8/18/2017
	Small Scale	6,757	5,919	0.876	6,845	7,691	1.124	8/18/2017
	Small Scale	5,850	4,289	0.733	5,656	5,396	0.954	8/18/2017
	Small Scale	7,150	7,586	1.061	7,115	12,223	1.718	8/18/2017
	Small Scale	9,615	7,593	0.790	10,393	12,432	1.196	8/18/2017
	Small Scale	8,278	6,222	0.752	8,691	6,934	0.798	8/18/2017
	Small Scale	7,358	7,988	1.086	7,784	8,642	1.110	8/18/2017
	Small Scale	6,635	4,714	0.710	6,690	7,167	1.071	8/18/2017
	Small Scale	8,094	7,179	0.887	8,282	7,502	0.906	8/23/2017
	Small Scale	8,450	9,504	1.125	9,895	11,079	1.120	8/23/2017
	Small Scale	6,071	6,260	1.031	5,963	4,286	0.719	8/23/2017
	Small Scale	7,555	6,811	0.902	7,552	8,038	1.064	8/23/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	12,804	12,505	0.977	16,386	11,305	0.690	8/23/2017
	Small Scale	7,420	7,447	1.004	7,543	9,869	1.308	8/23/2017
	Small Scale	8,462	9,222	1.090	10,987	15,365	1.398	8/23/2017
	Small Scale	12,233	8,727	0.713	12,772	8,665	0.678	8/23/2017
	Small Scale	7,763	6,355	0.819	7,921	8,806	1.112	8/23/2017
	Small Scale	13,147	13,363	1.016	14,577	10,303	0.707	8/23/2017
	Small Scale	10,400	7,597	0.730	13,993	13,294	0.950	8/23/2017
	Small Scale	5,507	5,404	0.981	5,516	5,383	0.976	8/23/2017
	Small Scale	6,071	3,387	0.558	6,893	6,647	0.964	8/23/2017
	Small Scale	12,362	13,495	1.092	16,401	11,328	0.691	8/24/2017
	Small Scale	5,519	4,754	0.861	7,501	5,262	0.702	8/24/2017
	Small Scale	5,519	4,465	0.809	5,006	2,493	0.498	8/24/2017
	Small Scale	12,583	11,277	0.896	16,910	16,780	0.992	8/24/2017
	Small Scale	8,450	8,990	1.064	9,745	10,006	1.027	8/24/2017
	Small Scale	4,047	2,849	0.704	5,061	4,956	0.979	8/24/2017
	Small Scale	21,339	15,103	0.708	15,215	27,559	1.811	8/24/2017
	Small Scale	5,740	4,826	0.841	7,196	7,183	0.998	8/24/2017
	Small Scale	9,039	8,519	0.943	8,304	13,137	1.582	8/24/2017
	Small Scale	12,141	10,869	0.895	14,455	12,103	0.837	8/24/2017
	Small Scale	7,616	6,062	0.796	8,217	13,118	1.596	8/24/2017
	Small Scale	7,211	6,713	0.931	7,597	6,167	0.812	8/24/2017
	Small Scale	4,047	3,534	0.873	3,964	9,749	2.459	8/24/2017
	Small Scale	6,071	6,647	1.095	7,937	5,576	0.703	8/24/2017
	Small Scale	5,200	5,165	0.993	7,030	8,065	1.147	8/24/2017
	Small Scale	12,816	12,185	0.951	16,269	22,095	1.358	8/24/2017
	Small Scale	6,408	6,140	0.958	7,046	6,011	0.853	8/24/2017
	Small Scale	2,931	2,618	0.893	2,238	1,922	0.859	8/24/2017
	Small Scale	4,047	4,182	1.033	4,939	4,719	0.955	8/25/2017
	Small Scale	4,881	3,539	0.725	5,802	4,873	0.840	8/25/2017
	Medium-Scale Solar	306,600	321,134	1.047	289,492	321,134	1.109	8/28/2017
	Small Scale	8,131	7,261	0.893	10,978	7,162	0.652	8/29/2017
	Small Scale	9,713	11,529	1.187	10,070	9,269	0.920	8/29/2017
	Small Scale	10,927	10,418	0.953	12,229	9,417	0.770	8/29/2017
	Small Scale	5,396	4,026	0.746	6,308	5,745	0.911	8/29/2017
	Small Scale	9,247	8,192	0.886	8,687	7,988	0.920	8/31/2017
	Small Scale	8,094	8,719	1.077	8,744	10,476	1.198	8/31/2017
	Small Scale	12,755	10,814	0.848	19,819	17,258	0.871	8/31/2017
	Small Scale	7,150	8,489	1.187	7,720	7,961	1.031	8/31/2017
	Small Scale	6,831	5,962	0.873	9,484	9,093	0.959	8/31/2017
	Small Scale	9,272	7,610	0.821	12,134	10,909	0.899	8/31/2017
	Small Scale	12,031	14,455	1.201	13,682	11,331	0.828	8/31/2017
	Small Scale	10,792	9,556	0.885	11,094	7,849	0.707	8/31/2017
	Small Scale	11,467	10,829	0.944	11,119	12,908	1.161	8/31/2017
	Small Scale	13,159	11,027	0.838	13,027	11,473	0.881	8/31/2017
	Small Scale	5,936	6,725	1.133	2,616	5,995	2.292	8/31/2017
	Small Scale	9,106	7,246	0.796	12,791	11,124	0.870	8/31/2017
	Small Scale	4,391	5,075	1.156	4,465	5,181	1.160	8/31/2017
	Small Scale	7,824	5,515	0.705	7,841	4,980	0.635	8/31/2017
	Small Scale	6,990	7,186	1.028	8,476	9,453	1.115	9/1/2017
	Small Scale	5,592	5,075	0.907	7,803	14,740	1.889	9/1/2017
	Small Scale	7,800	7,464	0.957	12,649	12,114	0.958	9/1/2017
	Small Scale	4,722	4,476	0.948	5,971	4,738	0.794	9/1/2017
	Small Scale	6,071	5,984	0.986	6,143	8,398	1.367	9/1/2017
	Small Scale	8,094	7,837	0.968	13,040	10,225	0.784	9/1/2017
	Small Scale	9,725	9,147	0.941	8,898	11,410	1.282	9/1/2017
	Small Scale	9,112	7,007	0.769	10,461	7,953	0.760	9/1/2017
	Small Scale	6,831	5,827	0.853	7,623	7,345	0.964	9/1/2017
	Small Scale	7,616	6,918	0.908	7,264	6,918	0.952	9/1/2017
	Small Scale	13,135	13,514	1.029	12,862	8,322	0.647	9/1/2017
	Small Scale	12,479	10,817	0.867	13,056	10,643	0.815	9/1/2017
	Small Scale	5,421	5,867	1.082	9,468	11,774	1.244	9/1/2017
	Small Scale	5,396	5,825	1.079	5,776	4,851	0.840	9/1/2017
	Small Scale	9,419	9,925	1.054	10,239	7,889	0.770	9/1/2017
	Small Scale	6,402	6,766	1.057	6,703	5,647	0.842	9/6/2017
	Small Scale	6,825	6,457	0.946	6,790	8,190	1.206	9/6/2017
	Small Scale	12,092	11,689	0.967	6,901	5,875	0.851	9/6/2017
	Small Scale	12,681	9,883	0.779	16,619	13,480	0.811	9/6/2017
	Small Scale	7,285	7,656	1.051	7,726	6,516	0.843	9/6/2017
	Small Scale	6,046	6,593	1.090	6,642	5,936	0.894	9/6/2017
	Small Scale	2,698	3,003	1.113	3,254	2,719	0.836	9/6/2017
	Small Scale	10,400	10,025	0.964	11,344	13,139	1.158	9/6/2017
	Small Scale	12,141	10,538	0.868	4,383	9,854	2.248	9/6/2017
	Small Scale	7,089	7,849	1.107	4,836	7,104	1.469	9/6/2017
	Small Scale	4,722	3,239	0.686	4,768	4,917	1.031	9/6/2017
	Small Scale	12,239	8,495	0.694	16,051	17,268	1.076	9/6/2017
	Small Scale	13,153	9,146	0.695	18,394	21,205	1.153	9/6/2017
	Small Scale	12,227	11,342	0.928	11,182	10,821	0.968	9/6/2017
	Small Scale	13,245	10,996	0.830	14,031	12,676	0.903	9/7/2017
	Small Scale	2,796	2,747	0.982	9,861	6,058	0.614	9/7/2017
	Small Scale	6,181	6,305	1.020	6,613	4,980	0.753	9/7/2017
	Small Scale	6,408	5,144	0.803	6,283	6,971	1.110	9/7/2017
	Small Scale	6,071	5,990	0.987	7,034	5,929	0.843	9/7/2017
	Small Scale	10,670	10,422	0.977	14,681	19,520	1.330	9/7/2017
	Small Scale	9,088	9,423	1.037	9,796	11,735	1.198	9/7/2017
	Small Scale	6,414	7,175	1.119	6,512	5,696	0.875	9/7/2017
	Small Scale	5,531	3,601	0.651	5,219	3,661	0.701	9/7/2017
	Small Scale	7,089	7,146	1.008	7,548	7,892	1.046	9/7/2017
	Small Scale	8,094	7,561	0.934	9,061	7,503	0.828	9/7/2017
	Small Scale	7,358	6,854	0.931	6,588	9,649	1.465	9/7/2017
	Small Scale	11,130	8,459	0.760	11,357	11,469	1.010	9/7/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	13,356	11,482	0.860	15,630	19,547	1.251	9/7/2017
	Small Scale	11,700	11,660	0.997	12,088	11,803	0.976	9/7/2017
	Small Scale	13,282	12,304	0.926	17,405	15,229	0.875	9/7/2017
	Small Scale	9,713	9,403	0.968	10,301	7,383	0.717	9/7/2017
	Small Scale	8,094	5,903	0.729	7,454	8,233	1.105	9/8/2017
	Small Scale	4,066	3,173	0.780	4,089	5,430	1.328	9/8/2017
	Small Scale	13,159	11,685	0.888	15,811	15,721	0.994	9/8/2017
	Small Scale	10,792	10,912	1.011	17,400	34,185	1.965	9/8/2017
	Small Scale	8,094	8,869	1.096	8,994	8,500	0.945	9/8/2017
	Small Scale	6,402	5,365	0.838	6,431	7,334	1.140	9/8/2017
	Small Scale	8,977	8,695	0.969	9,145	11,836	1.294	9/8/2017
	Small Scale	8,830	7,388	0.837	7,242	8,277	1.143	9/8/2017
	Small Scale	9,443	7,731	0.819	10,152	9,916	0.977	9/8/2017
	Small Scale	9,787	9,574	0.978	10,332	10,712	1.037	9/11/2017
	Small Scale	5,740	5,378	0.937	4,273	3,501	0.819	9/11/2017
	Small Scale	11,970	10,083	0.842	11,969	8,501	0.710	9/11/2017
	Small Scale	6,623	4,887	0.738	3,826	4,011	1.048	9/11/2017
	Small Scale	2,925	3,231	1.105	3,588	2,981	0.831	9/11/2017
	Small Scale	7,824	8,708	1.113	7,414	8,255	1.113	9/11/2017
	Small Scale	13,159	13,195	1.003	18,432	22,453	1.218	9/11/2017
	Small Scale	6,414	7,049	1.099	7,811	6,232	0.798	9/11/2017
	Small Scale	7,757	7,304	0.942	8,494	8,838	1.040	9/12/2017
	Commercial-Scale Solar	613,200	624,605	1.019	333,944	624,605	1.870	9/13/2017
	Small Scale	2,208	2,216	1.004	2,775	3,533	1.273	9/13/2017
	Small Scale	10,265	10,888	1.061	11,180	7,568	0.677	9/13/2017
	Small Scale	2,600	2,955	1.137	2,665	1,988	0.746	9/13/2017
	Small Scale	5,850	5,770	0.986	6,393	5,657	0.885	9/13/2017
	Small Scale	9,112	9,655	1.060	9,881	5,554	0.562	9/13/2017
	Small Scale	5,077	3,498	0.689	6,042	6,559	1.086	9/13/2017
	Small Scale	10,265	5,946	0.579	10,497	8,555	0.815	9/13/2017
	Small Scale	7,064	6,626	0.938	6,930	6,260	0.903	9/14/2017
	Small Scale	6,757	6,615	0.979	11,008	9,200	0.836	9/14/2017
	Small Scale	6,255	5,208	0.833	4,861	5,607	1.153	9/14/2017
	Small Scale	4,341	4,182	0.963	3,733	8,967	2.402	9/14/2017
	Small Scale	11,737	11,115	0.947	22,620	18,356	0.811	9/14/2017
	Small Scale	6,745	5,228	0.775	6,690	7,373	1.102	9/14/2017
	Small Scale	8,536	6,022	0.706	7,587	8,649	1.140	9/15/2017
	Small Scale	12,804	10,410	0.813	11,074	10,211	0.922	9/15/2017
	Small Scale	13,153	14,257	1.084	15,358	12,535	0.816	9/15/2017
	Small Scale	13,245	13,996	1.057	35,496	16,593	0.467	9/15/2017
	Small Scale	8,536	6,684	0.783	8,017	6,309	0.787	9/15/2017
	Small Scale	6,880	7,132	1.037	6,184	6,587	1.065	9/15/2017
	Small Scale	13,135	12,705	0.967	14,969	13,581	0.907	9/19/2017
	Small Scale	4,722	5,212	1.104	6,070	6,446	1.062	9/19/2017
	Small Scale	5,850	5,188	0.887	5,902	4,923	0.834	9/19/2017
	Small Scale	10,817	11,858	1.096	12,641	10,966	0.867	9/19/2017
	Small Scale	6,181	5,339	0.864	6,539	9,145	1.399	9/19/2017
	Small Scale	5,850	5,828	0.996	8,032	11,672	1.453	9/20/2017
	Small Scale	12,338	9,140	0.741	13,543	12,683	0.936	9/20/2017
	Small Scale	5,237	2,483	0.474	5,726	4,816	0.841	9/20/2017
	Small Scale	11,038	9,823	0.890	12,532	14,676	1.171	9/20/2017
	Small Scale	8,094	8,121	1.003	8,265	9,431	1.141	9/20/2017
	Small Scale	7,824	7,289	0.932	7,776	11,341	1.458	9/20/2017
	Small Scale	10,455	10,445	0.999	11,039	9,261	0.839	9/20/2017
	Small Scale	7,469	6,377	0.854	10,638	6,217	0.584	9/20/2017
	Small Scale	6,745	6,348	0.941	7,030	6,832	0.972	9/20/2017
	Small Scale	3,446	4,090	1.187	6,128	5,708	0.931	9/20/2017
	Small Scale	6,954	5,614	0.807	6,731	5,889	0.875	9/20/2017
	Small Scale	9,443	5,953	0.630	9,503	7,753	0.816	9/20/2017
	Small Scale	10,314	9,956	0.965	10,564	10,928	1.034	9/20/2017
	Small Scale	12,877	9,929	0.771	16,545	13,989	0.846	9/20/2017
	Small Scale	4,391	4,271	0.973	5,038	5,121	1.016	9/22/2017
	Small Scale	13,343	13,818	1.036	17,381	12,548	0.722	9/22/2017
	Small Scale	7,420	7,280	0.981	8,026	9,217	1.148	9/22/2017
	Small Scale	13,386	8,261	0.617	17,617	9,504	0.539	9/22/2017
	Small Scale	12,031	9,179	0.763	14,349	11,305	0.788	9/22/2017
	Small Scale	3,373	3,432	1.018	3,761	3,877	1.031	9/22/2017
	Small Scale	13,159	12,083	0.918	19,544	17,784	0.910	9/22/2017
	Small Scale	12,325	13,819	1.121	14,026	15,345	1.094	9/25/2017
	Small Scale	16,188	15,679	0.969	28,703	31,221	1.088	9/25/2017
	Small Scale	11,406	10,152	0.890	8,364	10,974	1.312	9/25/2017
	Small Scale	6,175	4,869	0.789	6,215	4,595	0.739	9/25/2017
	Small Scale	8,769	7,807	0.890	9,016	9,137	1.013	9/25/2017
	Small Scale	5,396	3,922	0.727	5,765	5,176	0.898	9/25/2017
	Small Scale	5,028	5,167	1.028	6,173	5,769	0.935	9/25/2017
	Small Scale	9,787	10,252	1.048	11,394	19,912	1.748	9/25/2017
	Small Scale	5,274	5,501	1.043	5,686	4,969	0.874	9/25/2017
	Small Scale	11,130	8,773	0.788	12,109	9,506	0.785	9/25/2017
	Small Scale	6,757	4,586	0.679	10,335	12,043	1.165	9/25/2017
	Small Scale	8,757	4,586	0.524	10,335	12,043	1.165	9/25/2017
	Small Scale	4,225	4,111	0.973	5,893	6,109	1.037	9/25/2017
	Small Scale	6,500	7,355	1.132	7,451	8,912	1.196	9/25/2017
	Small Scale	8,241	8,546	1.037	8,565	10,093	1.178	9/26/2017
	Small Scale	6,046	5,801	0.959	6,208	3,877	0.625	9/26/2017
	Small Scale	6,181	6,463	1.046	7,082	7,539	1.065	9/26/2017
	Small Scale	7,757	6,048	0.780	9,286	7,708	0.830	9/26/2017
	Small Scale	5,666	4,376	0.772	5,872	6,661	1.134	9/26/2017
	Small Scale	6,990	7,166	1.025	8,195	8,154	0.995	9/26/2017
	Small Scale	12,141	12,562	1.035	11,331	12,372	1.092	9/27/2017
	Small Scale	7,763	7,578	0.976	5,938	6,324	1.065	9/27/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	5,372	6,148	1.145	8,105	9,416	1.162	11/21/2017
	Small Scale	2,490	2,623	1.054	2,131	2,801	1.314	11/21/2017
	Small Scale	5,323	3,480	0.654	3,274	3,244	0.991	11/21/2017
	Small Scale	3,091	3,109	1.006	9,945	5,505	0.554	11/21/2017
	Small Scale	9,664	7,287	0.754	11,152	9,129	0.819	11/21/2017
	Small Scale	3,189	3,434	1.077	10,513	9,015	0.858	11/21/2017
	Small Scale	8,438	6,713	0.796	8,875	10,223	1.152	11/22/2017
	Small Scale	8,830	9,584	1.085	6,175	8,584	1.390	11/22/2017
	Small Scale	3,201	2,282	0.713	3,813	6,857	1.798	11/22/2017
	Small Scale	11,025	11,843	1.074	13,825	5,876	0.425	11/22/2017
	Small Scale	4,550	4,186	0.920	5,076	2,880	0.567	11/22/2017
	Small Scale	4,893	3,926	0.802	4,890	5,008	1.024	11/22/2017
	Small Scale	8,131	7,508	0.923	9,004	9,637	1.070	11/22/2017
	Small Scale	3,912	4,174	1.067	5,062	3,167	0.626	11/22/2017
	Small Scale	13,159	12,650	0.961	15,476	17,026	1.100	11/27/2017
	Small Scale	6,402	2,860	0.447	8,004	15,918	1.989	11/27/2017
	Small Scale	4,550	4,822	1.060	5,694	5,842	1.026	11/27/2017
	Small Scale	6,291	3,752	0.596	13,376	14,686	1.098	11/27/2017
	Small Scale	10,314	10,900	1.057	6,067	13,539	2.232	11/27/2017
	Small Scale	6,402	6,081	0.950	6,554	6,122	0.934	11/27/2017
	Small Scale	8,094	7,476	0.924	8,788	9,535	1.085	11/27/2017
	Small Scale	7,690	7,131	0.927	7,980	7,661	0.960	11/27/2017
	Small Scale	5,592	5,751	1.028	7,748	5,689	0.734	11/28/2017
	Small Scale	9,958	7,507	0.754	11,437	10,185	0.891	11/28/2017
	Small Scale	9,958	7,659	0.769	10,100	8,247	0.817	11/28/2017
	Small Scale	7,898	8,044	1.018	9,885	8,128	0.822	11/28/2017
	Small Scale	6,144	6,407	1.043	6,972	6,929	0.994	11/29/2017
	Small Scale	7,726	8,874	1.149	9,334	11,031	1.182	11/29/2017
	Small Scale	4,268	2,662	0.624	3,672	3,891	1.060	11/29/2017
	Small Scale	12,448	10,403	0.836	12,998	12,609	0.970	11/29/2017
	Small Scale	10,204	10,331	1.012	9,560	7,311	0.765	11/29/2017
	Small Scale	3,912	3,175	0.812	4,333	4,519	1.043	11/29/2017
	Small Scale	8,891	7,821	0.880	2,448	7,558	3.087	11/29/2017
	Small Scale	4,194	4,397	1.048	4,816	5,171	1.074	11/29/2017
	Small Scale	7,211	6,310	0.875	7,537	3,378	0.448	11/29/2017
	Small Scale	7,506	7,904	1.053	8,715	7,856	0.901	11/29/2017
	Small Scale	6,574	7,305	1.111	19,596	15,974	0.815	11/29/2017
	Small Scale	7,199	3,836	0.533	8,908	6,544	0.735	11/29/2017
	Small Scale	3,495	3,472	0.993	1,992	2,505	1.258	11/29/2017
	Small Scale	3,127	2,822	0.902	3,077	2,869	0.932	12/1/2017
	Small Scale	5,323	5,100	0.958	6,354	5,207	0.819	12/1/2017
	Small Scale	8,757	8,509	0.972	9,969	8,055	0.808	12/1/2017
	Small Scale	9,701	7,473	0.770	9,948	11,279	1.134	12/1/2017
	Small Scale	3,753	3,402	0.907	4,507	4,315	0.957	12/1/2017
	Small Scale	4,783	4,829	1.010	6,410	5,940	0.927	12/1/2017
	Small Scale	7,113	7,419	1.043	7,444	5,190	0.697	12/1/2017
	Small Scale	8,131	6,920	0.851	8,720	7,605	0.872	12/1/2017
	Small Scale	4,697	5,419	1.154	5,504	5,457	0.991	12/1/2017
	Small Scale	4,378	4,906	1.121	4,738	5,329	1.125	12/1/2017
	Small Scale	10,142	7,416	0.731	9,511	8,787	0.924	12/1/2017
	Small Scale	7,506	3,815	0.508	5,170	4,692	0.908	12/1/2017
	Small Scale	7,726	6,721	0.870	10,203	10,109	0.991	12/1/2017
	Small Scale	6,574	5,359	0.815	8,022	7,822	0.975	12/1/2017
	Small Scale	8,389	6,212	0.741	8,779	7,444	0.848	12/1/2017
	Small Scale	3,753	3,160	0.842	4,820	4,653	0.965	12/1/2017
	Small Scale	7,690	7,942	1.033	7,975	8,198	1.028	12/1/2017
	Small Scale	13,306	11,601	0.872	18,725	24,601	1.314	12/1/2017
	Small Scale	10,204	7,817	0.766	10,966	8,008	0.730	12/1/2017
	Small Scale	9,958	8,582	0.862	10,041	10,521	1.048	12/1/2017
	Small Scale	5,335	4,797	0.899	5,907	7,468	1.264	12/1/2017
	Small Scale	8,757	4,966	0.567	11,632	12,667	1.089	12/5/2017
	Small Scale	13,135	11,020	0.839	14,166	13,320	0.940	12/5/2017
	Small Scale	8,180	8,004	0.978	8,125	9,534	1.173	12/5/2017
	Small Scale	13,159	10,874	0.826	13,675	13,613	0.995	12/5/2017
	Small Scale	4,550	3,260	0.716	15,150	5,823	0.384	12/5/2017
	Small Scale	11,540	9,673	0.838	14,517	13,588	0.936	12/5/2017
	Medium-Scale Solar	306,600	330,665	1.078	284,636	330,665	1.162	12/5/2017
	Small Scale	5,335	5,954	1.116	5,613	8,853	1.577	12/5/2017
	Small Scale	10,670	9,245	0.866	16,850	14,132	0.839	12/5/2017
	Small Scale	7,432	8,695	1.170	8,913	10,019	1.124	12/5/2017
	Small Scale	5,752	3,163	0.550	5,899	5,964	1.011	12/6/2017
	Small Scale	7,824	6,703	0.857	8,072	8,736	1.082	12/6/2017
	Small Scale	3,201	3,104	0.970	6,057	5,376	0.888	12/6/2017
	Small Scale	5,151	4,548	0.883	6,258	14,166	2.264	12/6/2017
	Small Scale	5,237	5,474	1.045	10,264	18,888	1.840	12/6/2017
	Small Scale	4,783	3,594	0.751	252	6,594	26.167	12/6/2017
	Small Scale	11,381	10,476	0.920	13,833	9,400	0.680	12/6/2017
	Small Scale	3,753	3,101	0.826	3,595	3,269	0.909	12/6/2017
	Small Scale	12,509	11,194	0.895	15,932	18,789	1.179	12/6/2017
	Small Scale	5,335	4,716	0.884	6,490	5,249	0.809	12/6/2017
	Small Scale	7,469	6,770	0.906	8,558	6,927	0.809	12/6/2017
	Small Scale	4,722	4,965	1.052	5,470	4,995	0.913	12/6/2017
	Small Scale	9,787	10,417	1.064	9,553	11,079	1.160	12/6/2017
	Small Scale	5,237	4,538	0.867	5,072	5,164	1.018	12/7/2017
	Small Scale	12,019	10,645	0.886	12,834	10,721	0.835	12/7/2017
	Small Scale	13,356	11,945	0.894	11,737	21,911	1.867	12/7/2017
	Small Scale	4,893	4,774	0.976	6,352	3,510	0.553	12/7/2017
	Small Scale	9,787	7,127	0.728	11,132	15,678	1.408	12/7/2017
	Small Scale	9,075	8,268	0.911	9,678	9,898	1.023	12/7/2017
	Small Scale	4,072	4,437	1.090	3,847	4,165	1.083	12/7/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	3,041	4,078	1.341	3,582	3,499	0.977	12/11/2017
	Small Scale	16,005	13,809	0.863	26,775	26,157	0.977	12/11/2017
	Small Scale	5,789	5,638	0.974	4,722	5,121	1.084	12/11/2017
	Small Scale	6,279	8,562	1.364	4,775	6,797	1.423	12/11/2017
	Small Scale	4,464	4,498	1.008	4,011	3,992	0.995	12/11/2017
	Small Scale	7,506	5,663	0.755	14,318	17,706	1.237	12/11/2017
	Small Scale	7,555	7,484	0.991	4,308	7,468	1.734	12/11/2017
	Small Scale	3,912	2,246	0.574	4,296	3,574	0.832	12/11/2017
	Small Scale	9,272	8,733	0.942	9,586	9,500	0.991	12/11/2017
	Small Scale	13,392	12,631	0.943	31,575	38,886	1.232	12/11/2017
	Small Scale	4,807	2,866	0.596	9,336	5,932	0.635	12/11/2017
	Small Scale	6,181	5,098	0.825	5,657	6,374	1.127	12/11/2017
	Small Scale	6,255	5,618	0.898	6,454	4,377	0.678	12/11/2017
	Small Scale	11,553	13,755	1.191	11,444	15,761	1.377	12/11/2017
	Small Scale	5,249	5,409	1.030	4,868	6,597	1.355	12/11/2017
	Small Scale	7,469	5,793	0.776	7,612	7,238	0.951	12/11/2017
	Small Scale	4,464	4,756	1.065	4,965	5,024	1.012	12/11/2017
	Small Scale	5,249	4,686	0.893	9,309	5,292	0.568	12/11/2017
	Small Scale	6,414	4,585	0.715	8,736	7,899	0.904	12/11/2017
	Small Scale	14,717	15,358	1.044	16,187	16,526	1.021	12/11/2017
	Small Scale	10,044	8,883	0.884	9,037	8,869	0.981	12/11/2017
	Small Scale	5,629	3,488	0.620	5,870	9,113	1.552	12/12/2017
	Small Scale	11,884	9,863	0.830	12,947	13,981	1.080	12/12/2017
	Small Scale	10,461	9,635	0.921	10,934	10,734	0.982	12/12/2017
	Small Scale	13,343	16,251	1.218	17,490	20,103	1.149	12/12/2017
	Small Scale	11,504	11,965	1.040	11,738	9,427	0.803	12/12/2017
	Small Scale	12,804	12,991	1.015	24,135	23,312	0.966	12/12/2017
	Small Scale	8,450	7,142	0.845	10,876	8,623	0.793	12/12/2017
	Small Scale	3,495	3,591	1.027	4,828	3,610	0.748	12/12/2017
	Small Scale	5,249	5,301	1.010	6,547	5,257	0.803	12/12/2017
	Small Scale	7,690	6,779	0.882	7,816	7,690	0.984	12/12/2017
	Small Scale	9,811	9,507	0.969	9,931	7,452	0.750	12/12/2017
	Small Scale	9,272	9,757	1.052	26,967	35,972	1.334	12/12/2017
	Small Scale	13,343	13,074	0.980	5,976	8,254	1.381	12/12/2017
	Small Scale	13,282	10,968	0.826	14,070	12,037	0.856	12/12/2017
	Small Scale	13,159	12,347	0.938	13,247	13,564	1.024	12/12/2017
	Small Scale	5,592	4,606	0.824	6,027	5,259	0.873	12/15/2017
	Small Scale	8,241	8,571	1.040	10,063	8,950	0.889	12/15/2017
	Small Scale	4,268	4,429	1.038	4,171	4,080	0.978	12/15/2017
	Small Scale	8,830	8,136	0.921	9,711	11,243	1.158	12/15/2017
	Small Scale	12,448	9,387	0.754	17,808	14,724	0.827	12/15/2017
	Small Scale	3,495	3,876	1.109	4,394	5,527	1.258	12/15/2017
	Small Scale	4,072	4,329	1.063	4,240	4,523	1.067	12/15/2017
	Small Scale	7,506	6,936	0.924	7,506	6,382	0.850	12/15/2017
	Small Scale	2,490	2,178	0.875	2,518	2,090	0.830	12/15/2017
	Small Scale	9,419	9,949	1.056	10,623	10,263	0.966	12/15/2017
	Small Scale	8,536	7,769	0.910	8,889	10,545	1.186	12/15/2017
	Small Scale	12,448	13,490	1.084	8,088	14,986	1.853	12/15/2017
	Small Scale	10,682	11,220	1.050	13,000	13,119	1.009	12/15/2017
	Small Scale	7,726	6,581	0.852	7,554	6,988	0.925	12/15/2017
	Small Scale	3,495	3,627	1.038	4,115	4,032	0.980	12/15/2017
	Small Scale	2,931	2,347	0.801	4,335	12,436	2.869	12/15/2017
	Small Scale	13,282	10,563	0.795	13,795	13,010	0.943	12/15/2017
	Small Scale	5,494	5,257	0.957	6,727	6,816	1.013	12/15/2017
	Small Scale	3,777	3,746	0.992	4,416	4,908	1.111	12/15/2017
	Small Scale	12,325	9,857	0.800	13,141	12,788	0.973	12/15/2017
	Small Scale	6,071	6,158	1.014	6,310	6,107	0.968	12/15/2017
	Small Scale	8,757	7,096	0.810	9,941	11,862	1.193	12/15/2017
	Small Scale	5,948	5,197	0.874	10,003	7,865	0.786	12/15/2017
	Small Scale	13,392	12,824	0.958	14,138	12,522	0.886	12/15/2017
	Small Scale	7,113	7,991	1.123	6,735	10,042	1.491	12/15/2017
	Small Scale	7,763	8,259	1.064	4,461	5,280	1.184	12/15/2017
	Small Scale	9,627	5,316	0.552	9,589	5,766	0.601	12/15/2017
	Small Scale	3,201	2,271	0.709	3,468	5,271	1.520	12/15/2017
	Small Scale	6,990	6,771	0.969	7,953	7,901	0.993	12/15/2017
	Small Scale	8,757	8,967	1.024	9,248	7,436	0.804	12/15/2017
	Small Scale	12,804	9,896	0.773	15,534	13,153	0.847	12/15/2017
	Small Scale	3,434	3,594	1.047	13,998	20,493	1.464	12/15/2017
	Small Scale	3,201	365	0.114	13,891	2,193	0.158	12/15/2017
	Small Scale	7,726	6,858	0.888	15,368	15,173	0.987	12/15/2017
	Small Scale	5,592	4,693	0.839	6,054	5,747	0.949	12/15/2017
	Small Scale	4,550	4,193	0.922	5,416	5,395	0.996	12/15/2017
	Small Scale	8,891	7,249	0.815	9,298	7,084	0.762	12/15/2017
	Small Scale	7,358	6,522	0.886	7,321	8,551	1.168	12/15/2017
	Small Scale	8,585	6,778	0.790	8,557	7,455	0.871	12/15/2017
	Small Scale	10,523	9,613	0.914	9,362	9,956	1.063	12/15/2017
	Small Scale	6,574	7,605	1.157	3,603	3,014	0.837	12/15/2017
	Small Scale	4,464	5,111	1.145	4,807	3,787	0.788	12/15/2017
	Small Scale	11,332	10,745	0.948	16,876	29,785	1.765	12/18/2017
	Small Scale	12,804	13,797	1.078	2,424	11,836	4.883	12/18/2017
	Small Scale	11,160	13,076	1.172	4,020	16,124	4.011	12/18/2017
	Small Scale	10,817	11,537	1.067	12,339	12,683	1.028	12/18/2017
	Small Scale	5,924	6,361	1.074	5,783	4,334	0.749	12/19/2017
	Small Scale	11,025	10,459	0.949	12,419	9,255	0.745	12/20/2017
	Small Scale	6,402	6,895	1.077	4,775	1,899	0.398	12/20/2017
	Small Scale	6,623	6,621	1.000	6,217	16,489	2.652	12/20/2017
	Small Scale	8,131	6,494	0.799	8,525	5,964	0.700	12/20/2017
	Small Scale	13,454	12,601	0.937	14,646	13,708	0.936	12/20/2017
	Small Scale	13,159	11,179	0.850	32,622	35,739	1.096	12/20/2017
	Small Scale	9,603	8,872	0.924	10,687	9,995	0.935	12/20/2017

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	9,958	5,466	0.549	8,093	8,205	1.014	12/20/2017
	Small Scale	6,291	6,289	1.000	6,538	5,596	0.856	12/20/2017
	Small Scale	9,787	8,441	0.862	10,969	10,066	0.918	12/20/2017
	Small Scale	6,561	6,001	0.915	8,272	6,578	0.795	12/20/2017
	Small Scale	11,810	10,185	0.862	16,771	27,965	1.667	12/20/2017
	Small Scale	5,948	5,709	0.960	7,076	9,310	1.316	12/20/2017
	Small Scale	4,783	2,432	0.508	6,749	6,707	0.994	12/20/2017
	Small Scale	11,773	8,716	0.740	12,232	11,344	0.927	12/20/2017
	Small Scale	10,204	9,753	0.956	9,650	11,222	1.163	12/20/2017
	Small Scale	6,255	5,333	0.853	6,291	4,842	0.770	12/20/2017
	Small Scale	13,282	11,184	0.842	14,961	17,427	1.165	12/20/2017
	Small Scale	6,291	4,611	0.733	6,813	7,125	1.046	12/20/2017
	Small Scale	5,691	5,349	0.940	4,531	6,378	1.408	12/20/2017
	Small Scale	12,166	10,948	0.900	11,983	12,715	1.061	12/20/2017
	Small Scale	12,828	10,194	0.795	15,383	9,583	0.623	12/20/2017
	Small Scale	8,462	7,974	0.942	8,604	6,758	0.785	12/20/2017
	Small Scale	7,407	5,740	0.775	9,773	9,277	0.949	12/20/2017
	Small Scale	2,747	2,580	0.939	4,508	4,430	0.983	12/20/2017
	Small Scale	9,787	7,881	0.805	9,939	8,897	0.895	12/20/2017
	Small Scale	9,345	7,586	0.812	11,782	10,251	0.870	12/20/2017
	Small Scale	6,647	4,436	0.667	6,457	10,288	1.593	12/21/2017
	Small Scale	5,948	5,274	0.887	11,465	5,354	0.467	12/21/2017
	Small Scale	10,155	0	0.000	13,095	12,470	0.952	12/21/2017
	Small Scale	3,912	4,754	1.215	4,974	6,726	1.352	12/21/2017
	Small Scale	6,071	3,485	0.574	20,872	10,750	0.515	12/21/2017
	Small Scale	6,181	6,334	1.025	7,015	7,085	1.010	12/21/2017
	Small Scale	5,519	4,754	0.861	5,465	5,067	0.927	12/21/2017
	Small Scale	4,550	4,518	0.993	4,444	5,698	1.282	12/21/2017
	Small Scale	13,245	11,466	0.866	8,397	11,060	1.317	12/21/2017
	Medium-Scale Solar	305,987	335,006	1.095	234,092	335,006	1.431	12/22/2017
	Medium-Scale Solar	305,987	335,006	1.095	234,092	335,006	1.431	12/22/2017
	Large-Scale Solar	3,293,375	3,199,739	0.972	2,539,661	3,199,739	1.260	12/22/2017
	Small Scale	5,691	3,718	0.653	5,915	4,987	0.843	12/22/2017
	Small Scale	6,181	5,005	0.810	5,410	6,329	1.170	12/22/2017
	Small Scale	11,406	10,904	0.956	10,918	11,102	1.017	12/22/2017
	Small Scale	12,019	10,704	0.891	18,225	15,719	0.862	12/22/2017
	Small Scale	7,125	7,826	1.098	12,371	10,337	0.836	12/22/2017
	Commercial-Scale Solar	1,204,227	997,734	0.829	1,072,170	997,734	0.931	12/22/2017
	Small Scale	7,824	7,519	0.961	7,867	9,035	1.148	12/27/2017
	Small Scale	4,783	4,183	0.875	4,572	4,839	1.058	12/27/2017
	Small Scale	11,406	10,268	0.900	5,472	7,371	1.347	12/27/2017
	Small Scale	10,142	10,259	1.012	11,676	16,632	1.424	12/27/2017
	Small Scale	12,951	11,551	0.892	14,600	12,808	0.877	12/28/2017
	Small Scale	9,247	7,929	0.857	12,470	11,419	0.916	12/29/2017
	Small Scale	9,958	6,112	0.614	11,454	14,646	1.279	12/29/2017
	Small Scale	6,623	6,966	1.052	6,084	6,080	0.999	12/29/2017
	Small Scale	7,162	6,591	0.920	7,879	5,532	0.702	12/29/2017
	Small Scale	7,506	4,461	0.594	8,728	7,458	0.854	12/29/2017
	Small Scale	4,464	3,446	0.772	4,734	14,577	3.079	1/2/2018
	Small Scale	6,757	6,027	0.892	8,122	7,757	0.955	1/2/2018
	Large-Scale Solar	5,163,144	3,263,451	0.632	3,207,490	3,263,451	1.017	1/2/2018
	Small Scale	6,046	7,038	1.164	6,247	6,069	0.972	1/2/2018
	Small Scale	9,075	8,845	0.975	9,735	11,310	1.162	1/2/2018
	Small Scale	4,979	5,361	1.077	7,755	12,717	1.640	1/2/2018
	Small Scale	6,524	6,700	1.027	6,694	7,392	1.104	1/2/2018
	Small Scale	4,415	3,551	0.804	11,667	11,903	1.020	1/3/2018
	Small Scale	7,726	7,383	0.956	1,148	1,309	1.140	1/3/2018
	Small Scale	5,004	5,541	1.107	5,141	14,547	2.830	1/3/2018
	Small Scale	13,245	10,569	0.798	15,892	16,711	1.052	1/3/2018
	Small Scale	12,325	13,013	1.056	5,056	9,497	1.878	1/3/2018
	Small Scale	7,555	7,663	1.014	10,512	12,233	1.164	1/5/2018
	Small Scale	4,930	4,857	0.985	5,085	5,493	1.080	1/5/2018
	Small Scale	12,362	10,759	0.870	13,841	14,764	1.067	1/5/2018
	Small Scale	5,249	5,152	0.982	5,202	5,389	1.036	1/5/2018
	Small Scale	4,550	3,857	0.848	4,548	4,742	1.043	1/5/2018
	Medium-Scale Solar	116,263	104,941	0.903	104,103	104,941	1.008	1/5/2018
	Small Scale	5,629	5,584	0.992	5,367	6,219	1.159	1/8/2018
	Small Scale	8,744	5,650	0.646	6,948	8,946	1.288	1/8/2018
	Small Scale	13,159	7,379	0.561	19,137	13,258	0.693	1/10/2018
	Small Scale	11,540	8,526	0.739	12,011	19,570	1.629	1/10/2018
	Small Scale	5,592	3,232	0.578	3,675	6,053	1.647	1/10/2018
	Small Scale	5,592	4,249	0.760	6,891	6,757	0.981	1/10/2018
	Small Scale	7,898	7,876	0.997	7,910	5,668	0.717	1/12/2018
	Small Scale	10,927	8,326	0.762	9,016	5,348	0.593	1/12/2018
	Small Scale	8,757	8,274	0.945	8,731	8,042	0.921	1/12/2018
	Small Scale	5,691	4,727	0.831	5,497	8,692	1.581	1/12/2018
	Small Scale	4,893	3,430	0.701	5,229	7,816	1.495	1/12/2018
	Small Scale	12,558	10,448	0.832	8,153	16,071	1.971	1/12/2018
	Small Scale	7,506	6,677	0.890	7,117	6,885	0.967	1/12/2018
	Small Scale	7,898	6,887	0.872	8,199	7,369	0.899	1/12/2018
	Small Scale	6,757	3,728	0.552	7,303	13,956	1.911	1/12/2018
	Small Scale	6,880	6,608	0.960	5,331	6,718	1.260	1/12/2018
	Small Scale	13,159	12,421	0.944	22,782	19,126	0.840	1/12/2018
	Small Scale	8,045	8,360	1.039	8,084	7,437	0.920	1/16/2018
	Small Scale	5,838	4,320	0.740	6,028	6,210	1.030	1/19/2018
	Small Scale	13,343	13,255	0.993	16,399	19,212	1.172	1/19/2018
	Small Scale	8,450	9,284	1.099	9,245	10,770	1.165	1/19/2018
	Small Scale	8,536	9,314	1.091	11,798	10,474	0.888	1/19/2018
	Small Scale	9,860	8,698	0.882	9,906	10,957	1.106	1/19/2018
	Small Scale	13,159	14,886	1.131	10,227	9,155	0.895	1/23/2018

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	17,660	13,210	0.748	18,617	16,723	0.898	1/23/2018
	Small Scale	12,362	11,442	0.926	13,984	16,243	1.162	1/23/2018
	Small Scale	8,744	6,455	0.738	10,553	15,491	1.468	1/25/2018
	Small Scale	8,609	8,252	0.958	13,089	10,376	0.793	1/25/2018
	Small Scale	10,670	8,841	0.829	21,632	22,390	1.035	1/25/2018
	Small Scale	5,629	5,282	0.938	9,309	9,014	0.968	1/25/2018
	Small Scale	5,592	5,813	1.039	6,451	12,101	1.876	1/25/2018
	Small Scale	3,912	4,421	1.130	9,003	3,786	0.421	1/25/2018
	Small Scale	6,255	5,329	0.852	6,155	7,805	1.268	1/29/2018
	Small Scale	6,647	6,333	0.953	9,097	14,284	1.570	1/29/2018
	Small Scale	3,495	2,891	0.827	3,718	3,686	0.991	1/29/2018
	Small Scale	8,045	6,732	0.837	11,813	14,667	1.242	1/29/2018
	Small Scale	12,583	11,553	0.918	38,931	1,974	0.051	1/29/2018
	Small Scale	5,065	4,648	0.918	5,410	4,505	0.833	1/29/2018
	Small Scale	11,381	7,229	0.635	11,391	11,400	1.001	1/29/2018
	Small Scale	7,113	7,411	1.042	7,743	7,651	0.988	1/29/2018
	Small Scale	7,506	8,431	1.123	8,503	11,398	1.340	1/29/2018
	Small Scale	6,402	5,825	0.910	8,929	10,298	1.153	1/29/2018
	Small Scale	5,519	4,894	0.887	5,192	5,155	0.993	1/29/2018
	Small Scale	12,092	10,999	0.910	11,364	10,863	0.956	1/30/2018
	Small Scale	6,009	2,550	0.424	8,048	7,270	0.903	1/30/2018
	Small Scale	4,391	3,842	0.875	7,843	9,663	1.232	1/30/2018
	Small Scale	5,335	4,059	0.761	6,494	6,660	1.026	1/30/2018
	Small Scale	8,389	7,665	0.914	17,187	11,867	0.690	2/1/2018
	Small Scale	13,159	12,434	0.945	10,460	24,868	2.377	2/1/2018
	Small Scale	10,314	11,132	1.079	10,159	8,884	0.874	2/1/2018
	Small Scale	2,134	1,645	0.771	2,236	2,298	1.028	2/6/2018
	Small Scale	8,536	8,763	1.027	9,457	7,075	0.748	2/6/2018
	Small Scale	7,849	8,631	1.100	19,024	23,311	1.225	2/7/2018
	Small Scale	8,744	5,197	0.594	13,401	12,982	0.969	2/7/2018
	Small Scale	4,341	4,854	1.118	4,498	3,871	0.861	2/7/2018
	Small Scale	5,691	3,035	0.533	6,774	7,315	1.080	2/7/2018
	Small Scale	7,947	6,785	0.854	13,875	16,080	1.159	2/7/2018
	Small Scale	4,047	3,485	0.861	4,156	4,856	1.168	2/7/2018
	Small Scale	7,469	7,314	0.979	8,633	7,954	0.921	2/7/2018
	Small Scale	12,092	11,922	0.986	13,957	10,079	0.722	2/9/2018
	Small Scale	13,245	7,266	0.549	6,472	7,575	1.170	2/12/2018
	Small Scale	9,443	7,207	0.763	3,664	3,744	1.022	2/12/2018
	Small Scale	8,830	7,098	0.804	9,010	9,022	1.001	2/13/2018
	Small Scale	3,201	2,967	0.927	7,283	7,089	0.973	2/13/2018
	Small Scale	9,247	8,724	0.943	9,168	9,825	1.072	2/13/2018
	Small Scale	5,335	3,333	0.625	5,213	7,351	1.410	2/14/2018
	Small Scale	7,395	7,647	1.034	7,126	5,424	0.761	2/14/2018
	Small Scale	6,291	6,535	1.039	6,181	6,658	1.077	2/14/2018
	Small Scale	13,343	14,545	1.090	7,944	16,330	2.056	2/14/2018
	Small Scale	9,443	9,107	0.964	10,362	9,778	0.944	2/14/2018
	Small Scale	3,201	3,014	0.942	3,301	6,213	1.882	2/14/2018
	Small Scale	13,098	9,369	0.715	11,000	13,397	1.218	2/14/2018
	Small Scale	6,623	6,302	0.952	7,317	9,289	1.270	2/15/2018
	Small Scale	10,486	6,930	0.661	10,466	13,747	1.313	2/16/2018
	Small Scale	4,194	4,315	1.029	4,896	6,260	1.279	2/16/2018
	Small Scale	13,159	11,098	0.843	17,616	18,648	1.059	2/21/2018
	Small Scale	7,824	6,230	0.796	8,763	8,025	0.916	2/21/2018
	Small Scale	10,486	8,841	0.843	12,021	14,687	1.222	2/21/2018
	Small Scale	8,094	6,758	0.835	9,807	10,543	1.075	2/22/2018
	Small Scale	4,194	3,397	0.810	3,955	4,230	1.070	2/22/2018
	Small Scale	4,697	3,385	0.721	11,061	11,817	1.068	2/22/2018
	Small Scale	10,596	9,480	0.895	10,734	6,792	0.633	2/23/2018
	Small Scale	8,891	7,087	0.797	7,589	10,322	1.360	2/23/2018
	Small Scale	3,851	3,060	0.795	4,104	3,406	0.830	2/26/2018
	Small Scale	6,745	4,671	0.692	14,529	15,629	1.076	2/26/2018
	Small Scale	5,065	6,764	1.335	5,059	5,525	1.092	2/26/2018
	Small Scale	7,690	7,227	0.940	9,838	9,703	0.986	2/27/2018
	Small Scale	5,249	5,393	1.027	6,373	6,462	1.014	2/27/2018
	Small Scale	8,045	7,862	0.977	7,888	6,465	0.820	3/1/2018
	Small Scale	11,884	12,835	1.080	15,417	14,426	0.936	3/2/2018
	Small Scale	4,807	4,619	0.961	5,782	6,129	1.060	3/2/2018
	Small Scale	8,131	7,680	0.945	8,516	7,998	0.939	3/8/2018
	Small Scale	5,494	4,904	0.893	5,128	3,576	0.697	3/9/2018
	Small Scale	16,777	12,438	0.741	17,304	14,804	0.856	3/9/2018
	Small Scale	4,231	3,231	0.764	2,740	4,266	1.557	3/9/2018
	Small Scale	4,979	3,996	0.803	5,041	3,418	0.678	3/9/2018
	Small Scale	6,819	6,042	0.886	6,886	7,483	1.087	3/9/2018
	Medium-Scale Solar	246,261	242,318	0.984	253,025	242,318	0.958	3/9/2018
	Small Scale	13,159	12,150	0.923	14,138	15,520	1.098	3/19/2018
	Small Scale	4,268	3,403	0.797	4,837	7,073	1.462	3/21/2018
	Small Scale	5,592	4,924	0.880	5,856	8,527	1.456	3/21/2018
	Small Scale	5,335	4,231	0.793	5,624	5,903	1.050	3/22/2018
	Small Scale	10,841	10,743	0.991	11,918	3,107	0.261	3/22/2018
	Small Scale	7,113	5,953	0.837	9,949	6,932	0.697	3/22/2018
	Commercial-Scale Solar	1,225,174	1,228,133	1.002	1,241,722	1,228,133	0.989	3/23/2018
	Small Scale	8,241	9,786	1.187	2,172	9,792	4.508	3/23/2018
	Small Scale	6,071	5,038	0.830	7,058	7,077	1.003	3/23/2018
	Small Scale	10,130	11,130	1.099	10,392	8,825	0.849	3/26/2018
	Small Scale	3,495	3,360	0.961	3,857	3,803	0.986	3/27/2018
	Small Scale	8,180	6,971	0.852	10,704	12,189	1.139	3/27/2018
	Small Scale	11,970	7,519	0.628	16,120	12,166	0.755	3/28/2018
	Small Scale	6,524	6,157	0.944	6,501	6,244	0.960	4/3/2018
	Small Scale	5,752	5,677	0.987	1,948	4,405	2.261	4/10/2018
	Small Scale	8,180	6,311	0.772	8,555	11,604	1.356	4/11/2018

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	12,951	11,423	0.882	20,030	18,042	0.901	4/13/2018
	Small Scale	7,358	8,166	1.110	4,347	4,811	1.107	4/13/2018
	Small Scale	5,065	6,064	1.197	6,154	10,092	1.640	4/14/2018
	Small Scale	5,335	4,602	0.863	6,792	6,292	0.926	4/17/2018
	Small Scale	5,887	6,263	1.064	11,720	7,375	0.629	4/17/2018
	Small Scale	4,268	4,399	1.031	4,493	7,411	1.649	4/19/2018
	Small Scale	5,494	3,508	0.638	5,430	5,695	1.049	4/24/2018
	Small Scale	7,690	7,784	1.012	7,746	8,632	1.114	4/24/2018
	Small Scale	4,268	4,601	1.078	4,846	12,975	2.677	4/24/2018
	Small Scale	4,979	4,835	0.971	5,321	7,558	1.420	4/25/2018
	Small Scale	5,629	5,399	0.959	6,028	6,064	1.006	4/25/2018
	Small Scale	13,981	13,521	0.967	5,921	12,026	2.031	4/29/2018
	Small Scale	13,454	12,637	0.939	17,458	19,031	1.090	4/29/2018
	Medium-Scale Solar	305,374	342,904	1.123	345,257	342,904	0.993	5/1/2018
	Small Scale	10,277	9,850	0.958	9,351	16,615	1.777	5/2/2018
	Small Scale	4,697	4,997	1.064	7,488	9,544	1.275	5/2/2018
	Small Scale	9,382	9,618	1.025	10,632	11,284	1.061	5/2/2018
	Small Scale	10,682	11,286	1.057	11,410	14,019	1.229	5/2/2018
	Small Scale	3,753	4,043	1.077	4,462	6,674	1.496	5/2/2018
	Small Scale	20,751	11,757	0.567	22,568	18,648	0.826	5/3/2018
	Small Scale	3,495	3,440	0.984	5,025	4,656	0.927	5/4/2018
	Medium-Scale Solar	305,374	342,875	1.123	300,768	342,875	1.140	5/4/2018
	Small Scale	3,716	4,755	1.280	4,270	4,526	1.060	5/4/2018
	Small Scale	2,747	3,086	1.123	4,089	3,093	0.756	5/4/2018
	Small Scale	4,979	3,651	0.733	10,340	8,087	0.782	5/4/2018
	Small Scale	12,816	8,772	0.684	14,607	17,253	1.181	5/8/2018
	Small Scale	11,258	8,750	0.777	13,062	11,944	0.914	5/8/2018
	Small Scale	5,065	3,965	0.783	4,307	4,652	1.080	5/8/2018
	Small Scale	4,697	4,684	0.997	3,858	7,852	2.035	5/8/2018
	Small Scale	6,757	5,274	0.780	21,432	19,169	0.894	5/9/2018
	Small Scale	13,159	7,763	0.590	16,200	18,248	1.126	5/9/2018
	Small Scale	3,446	3,190	0.926	3,952	3,698	0.936	5/9/2018
	Small Scale	9,811	8,296	0.846	10,765	8,900	0.827	5/9/2018
	Small Scale	5,948	4,890	0.822	5,947	5,706	0.959	5/10/2018
	Small Scale	6,255	6,283	1.005	6,840	8,943	1.307	5/10/2018
	Small Scale	7,616	5,685	0.746	4,240	8,065	1.902	5/11/2018
	Small Scale	3,974	3,658	0.921	3,856	12,578	3.262	5/11/2018
	Small Scale	7,947	6,991	0.880	8,186	7,850	0.959	5/11/2018
	Small Scale	7,113	6,004	0.844	7,068	7,993	1.131	5/12/2018
	Small Scale	4,967	3,668	0.738	8,888	6,048	0.680	5/15/2018
	Small Scale	7,089	10,258	1.447	18,173	22,251	1.224	5/15/2018
	Small Scale	9,958	9,390	0.943	11,992	7,138	0.595	5/15/2018
	Small Scale	9,774	8,476	0.867	18,177	17,084	0.940	5/16/2018
	Small Scale	5,249	4,806	0.916	4,895	5,334	1.090	5/16/2018
	Small Scale	7,959	6,483	0.815	8,763	9,923	1.132	5/16/2018
	Small Scale	8,609	9,516	1.105	8,623	7,860	0.912	5/16/2018
	Small Scale	10,326	10,985	1.064	11,610	8,646	0.745	5/17/2018
	Small Scale	6,255	4,644	0.742	8,958	10,393	1.160	5/17/2018
	Small Scale	8,045	9,400	1.168	8,144	8,721	1.071	5/17/2018
	Small Scale	5,691	6,248	1.098	6,329	5,943	0.939	5/17/2018
	Small Scale	8,131	6,976	0.858	7,909	7,762	0.981	5/17/2018
	Small Scale	13,576	12,166	0.896	19,231	13,101	0.681	5/17/2018
	Small Scale	5,004	4,407	0.881	4,970	4,813	0.968	5/17/2018
	Small Scale	10,670	7,660	0.718	10,383	9,866	0.950	5/17/2018
	Small Scale	6,402	6,235	0.974	6,070	5,602	0.923	5/17/2018
	Small Scale	6,291	6,539	1.039	2,974	8,550	2.875	5/17/2018
	Small Scale	6,181	6,318	1.022	6,528	5,905	0.905	5/17/2018
	Small Scale	7,555	5,594	0.740	7,344	16,754	2.281	5/17/2018
	Small Scale	7,236	7,251	1.002	7,623	7,599	0.997	5/17/2018
	Small Scale	5,433	5,352	0.985	6,015	5,741	0.954	5/17/2018
	Small Scale	12,239	11,077	0.905	11,065	9,456	0.855	5/17/2018
	Small Scale	7,763	6,214	0.800	6,790	7,730	1.138	5/17/2018
	Small Scale	3,986	3,238	0.812	3,607	3,578	0.992	5/17/2018
	Small Scale	12,485	5,156	0.413	2,891	4,341	1.502	5/17/2018
	Small Scale	12,141	11,381	0.937	13,047	11,745	0.900	5/18/2018
	Small Scale	12,485	11,320	0.907	14,804	12,157	0.821	5/19/2018
	Small Scale	6,291	6,132	0.975	6,145	4,669	0.760	5/19/2018
	Small Scale	13,392	12,969	0.968	10,290	15,818	1.537	5/19/2018
	Small Scale	4,072	4,264	1.047	4,247	3,384	0.797	5/19/2018
	Small Scale	5,629	4,265	0.758	5,496	4,392	0.799	5/19/2018
	Small Scale	6,255	6,029	0.964	7,591	7,638	1.006	5/19/2018
	Small Scale	5,494	5,443	0.991	5,172	5,113	0.989	5/22/2018
	Small Scale	10,596	9,020	0.851	11,184	10,360	0.926	5/23/2018
	Small Scale	6,757	6,713	0.993	7,526	8,531	1.134	5/23/2018
	Small Scale	3,753	2,768	0.738	5,054	4,553	0.901	5/23/2018
	Small Scale	9,272	9,882	1.066	11,838	8,543	0.722	5/23/2018
	Small Scale	7,506	6,223	0.829	9,606	10,206	1.062	5/24/2018
	Small Scale	12,166	14,053	1.155	11,396	10,945	0.960	5/24/2018
	Small Scale	10,265	8,204	0.799	10,680	7,979	0.747	5/24/2018
	Small Scale	13,270	10,505	0.792	18,050	21,113	1.170	5/24/2018
	Small Scale	5,323	5,130	0.964	5,368	5,501	1.025	5/24/2018
	Small Scale	4,378	4,300	0.982	4,955	4,327	0.873	5/24/2018
	Small Scale	10,461	9,298	0.889	9,711	12,289	1.265	5/24/2018
	Small Scale	4,967	4,073	0.820	4,958	13,669	2.757	5/25/2018
	Small Scale	11,577	12,156	1.050	11,698	12,201	1.043	5/25/2018
	Small Scale	5,433	5,934	1.092	6,096	6,763	1.109	5/25/2018
	Small Scale	8,757	6,912	0.789	7,840	9,342	1.192	5/25/2018
	Small Scale	13,245	12,828	0.969	18,526	17,160	0.926	5/25/2018
	Small Scale	3,753	3,111	0.829	6,929	3,943	0.569	5/25/2018
	Small Scale	5,004	3,709	0.741	5,599	4,865	0.869	5/25/2018

Table with 9 columns: Premise Number, Enrollment Category, Estimated Annual Generation Output (kWh), Actual 2019 Generation, Ratio of actual generation to estimated generation, 3-year average usage, Actual 2019 Usage, Ratio of actual usage to estimated usage, and Connected Date. The table lists various premises, mostly categorized as 'Small Scale', with detailed generation and usage statistics and connection dates ranging from 2018 to 2021.

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	6,696	6,258	0.935	6,072	15,130	2.492	6/28/2018
	Small Scale	4,562	4,365	0.957	4,139	6,536	1.579	6/28/2018
	Small Scale	9,272	7,036	0.759	9,370	9,455	1.009	6/28/2018
	Small Scale	4,967	4,415	0.889	4,446	4,401	0.990	6/28/2018
	Small Scale	7,506	6,556	0.873	7,709	14,708	1.908	6/28/2018
	Small Scale	5,151	4,809	0.934	5,488	4,289	0.782	6/28/2018
	Small Scale	8,891	7,060	0.794	18,935	11,720	0.619	6/28/2018
	Small Scale	10,314	9,439	0.915	10,595	5,593	0.528	6/28/2018
	Small Scale	9,885	5,784	0.585	9,688	6,602	0.681	6/28/2018
	Small Scale	8,364	6,654	0.796	8,422	8,239	0.978	6/29/2018
	Small Scale	13,306	12,376	0.930	18,423	16,210	0.880	6/29/2018
	Small Scale	6,046	6,787	1.123	6,486	8,560	1.320	6/29/2018
	Small Scale	9,774	9,344	0.956	10,113	12,487	1.235	6/29/2018
	Small Scale	8,094	7,794	0.963	8,467	7,997	0.944	6/29/2018
	Small Scale	8,462	8,707	1.029	8,756	9,846	1.124	6/29/2018
	Small Scale	11,945	9,084	0.760	12,458	7,054	0.566	6/29/2018
	Small Scale	13,159	14,195	1.079	18,360	15,527	0.846	6/29/2018
	Small Scale	7,113	5,870	0.825	3,246	7,975	2.457	6/29/2018
	Small Scale	13,356	7,987	0.598	1,063	5,579	5.248	6/29/2018
	Small Scale	8,609	6,243	0.725	8,921	9,933	1.113	6/30/2018
	Small Scale	6,990	4,945	0.707	7,566	20,716	2.738	6/30/2018
	Small Scale	13,306	14,507	1.090	12,882	17,823	1.384	6/30/2018
	Small Scale	9,860	8,323	0.844	10,152	14,914	1.469	6/30/2018
	Small Scale	6,512	4,506	0.692	6,658	8,475	1.273	6/30/2018
	Small Scale	6,623	6,120	0.924	6,986	6,082	0.871	7/3/2018
	Small Scale	10,302	10,170	0.987	10,685	10,762	1.007	7/3/2018
	Small Scale	6,990	6,267	0.897	6,988	9,274	1.327	7/3/2018
	Small Scale	5,004	4,493	0.898	7,321	6,563	0.896	7/3/2018
	Small Scale	9,406	8,116	0.863	9,208	10,090	1.096	7/3/2018
	Small Scale	11,589	12,506	1.079	24,223	28,488	1.176	7/3/2018
	Small Scale	9,198	8,831	0.960	5,428	11,750	2.165	7/4/2018
	Small Scale	30,476	26,468	0.868	148,224	26,468	0.179	7/4/2018
	Small Scale	10,498	9,869	0.940	6,913	10,649	1.540	7/4/2018
	Small Scale	13,356	9,466	0.709	14,866	12,338	0.830	7/4/2018
	Small Scale	6,623	4,910	0.741	11,604	10,523	0.907	7/4/2018
	Small Scale	13,245	11,875	0.897	34,319	34,752	1.013	7/4/2018
	Small Scale	13,392	449	0.034	26,160	21,414	0.819	7/5/2018
	Small Scale	5,065	5,000	0.987	3,493	4,337	1.242	7/5/2018
	Small Scale	5,838	4,825	0.827	6,529	6,818	1.044	7/6/2018
	Small Scale	6,279	4,235	0.674	8,816	7,384	0.838	7/6/2018
	Small Scale	12,166	7,167	0.589	13,022	12,852	0.987	7/6/2018
	Small Scale	10,670	9,507	0.891	19,668	20,161	1.025	7/6/2018
	Small Scale	8,094	8,809	1.088	2,140	5,991	2.800	7/7/2018
	Small Scale	9,774	10,901	1.115	10,643	9,605	0.902	7/7/2018
	Small Scale	6,463	7,855	1.215	3,633	6,358	1.750	7/9/2018
	Small Scale	9,382	9,336	0.995	10,228	12,198	1.193	7/10/2018
	Small Scale	11,381	12,567	1.104	10,195	15,994	1.569	7/10/2018
	Small Scale	4,709	4,883	1.037	5,139	5,195	1.011	7/11/2018
	Small Scale	3,986	3,597	0.902	4,771	4,316	0.905	7/11/2018
	Small Scale	13,135	13,265	1.010	8,192	15,226	1.859	7/11/2018
	Small Scale	11,773	12,547	1.066	12,143	16,261	1.339	7/11/2018
	Small Scale	10,584	11,405	1.078	12,991	14,177	1.091	7/11/2018
	Small Scale	9,934	10,096	1.016	10,259	9,578	0.934	7/11/2018
	Small Scale	11,038	9,563	0.866	11,338	9,809	0.865	7/11/2018
	Small Scale	7,653	6,170	0.806	9,249	8,124	0.878	7/11/2018
	Small Scale	3,986	3,965	0.995	4,058	4,880	1.203	7/11/2018
	Small Scale	7,506	6,792	0.905	5,817	7,389	1.270	7/11/2018
	Small Scale	3,446	3,440	0.998	3,938	4,254	1.080	7/11/2018
	Small Scale	6,512	5,764	0.885	8,440	6,908	0.818	7/11/2018
	Small Scale	5,433	4,831	0.889	5,433	7,777	1.431	7/11/2018
	Small Scale	8,168	8,348	1.022	7,666	6,492	0.847	7/11/2018
	Small Scale	8,585	8,382	0.976	7,180	7,622	1.062	7/11/2018
	Small Scale	7,604	7,816	1.028	8,505	7,915	0.931	7/11/2018
	Small Scale	17,219	15,937	0.926	19,360	18,463	0.954	7/12/2018
	Small Scale	13,245	13,822	1.044	15,308	14,450	0.944	7/12/2018
	Small Scale	6,843	9,474	1.384	13,281	9,621	0.724	7/12/2018
	Small Scale	13,392	11,600	0.866	19,244	19,909	1.035	7/12/2018
	Small Scale	10,854	9,411	0.867	10,466	9,788	0.935	7/12/2018
	Small Scale	7,604	7,701	1.013	8,427	9,173	1.089	7/12/2018
	Small Scale	4,722	3,634	0.770	5,034	5,167	1.026	7/13/2018
	Small Scale	6,255	5,646	0.903	7,036	7,118	1.012	7/13/2018
	Small Scale	6,377	6,204	0.973	6,465	8,669	1.341	7/13/2018
	Small Scale	3,986	3,382	0.849	3,525	5,802	1.646	7/13/2018
	Small Scale	9,615	10,328	1.074	9,761	10,071	1.032	7/14/2018
	Small Scale	9,456	8,219	0.869	11,065	10,545	0.953	7/14/2018
	Small Scale	6,512	6,100	0.937	7,736	9,027	1.167	7/14/2018
	Small Scale	9,860	7,965	0.808	9,187	7,157	0.779	7/14/2018
	Small Scale	10,670	8,158	0.765	10,232	6,751	0.660	7/16/2018
	Small Scale	6,512	5,888	0.904	7,431	6,536	0.880	7/17/2018
	Small Scale	6,463	6,755	1.045	7,529	7,401	0.983	7/17/2018
	Small Scale	11,406	9,989	0.876	8,700	13,511	1.553	7/17/2018
	Small Scale	3,814	3,758	0.985	3,950	5,313	1.345	7/17/2018
	Small Scale	10,437	9,604	0.920	11,017	9,903	0.899	7/17/2018
	Small Scale	9,774	9,846	1.007	10,418	4,233	0.406	7/17/2018
	Small Scale	11,222	9,582	0.854	11,079	9,868	0.891	7/18/2018
	Small Scale	12,509	15,638	1.250	13,161	15,011	1.141	7/18/2018
	Small Scale	5,151	4,616	0.896	5,729	7,503	1.310	7/18/2018
	Small Scale	11,038	7,997	0.725	8,768	11,177	1.275	7/18/2018
	Small Scale	10,854	9,841	0.907	9,219	9,257	1.004	7/18/2018
	Small Scale	8,327	9,074	1.090	8,010	11,147	1.392	7/18/2018

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	5,298	3,220	0.608	5,503	5,204	0.946	7/19/2018
	Small Scale	6,880	6,222	0.904	1,302	4,528	3.478	7/19/2018
	Small Scale	10,314	7,333	0.711	3,486	7,213	2.069	7/19/2018
	Small Scale	5,887	3,923	0.666	5,775	4,619	0.800	7/19/2018
	Small Scale	5,151	3,981	0.773	5,698	6,678	1.172	7/19/2018
	Small Scale	6,463	5,163	0.799	6,493	6,562	1.011	7/19/2018
	Small Scale	10,670	7,568	0.709	11,969	10,511	0.878	7/19/2018
	Small Scale	6,623	8,232	1.243	7,677	8,261	1.076	7/19/2018
	Small Scale	8,217	8,071	0.982	8,107	9,251	1.141	7/19/2018
	Small Scale	8,904	8,156	0.916	5,205	11,088	2.130	7/20/2018
	Small Scale	12,166	11,253	0.925	12,025	14,183	1.179	7/20/2018
	Small Scale	13,392	12,003	0.896	14,937	13,699	0.917	7/21/2018
	Small Scale	4,341	3,802	0.876	5,596	5,576	0.996	7/21/2018
	Small Scale	5,985	5,075	0.848	6,067	6,890	1.136	7/21/2018
	Small Scale	8,094	5,278	0.652	22,464	18,469	0.822	7/21/2018
	Small Scale	6,672	7,919	1.187	6,300	5,615	0.891	7/21/2018
	Small Scale	6,463	6,049	0.936	6,627	6,668	1.006	7/21/2018
	Small Scale	4,047	4,114	1.017	4,780	6,456	1.351	7/21/2018
	Small Scale	12,019	9,743	0.811	12,150	13,659	1.124	7/21/2018
	Small Scale	4,182	3,134	0.749	4,050	4,332	1.070	7/21/2018
	Small Scale	7,555	7,100	0.940	8,164	8,510	1.042	7/21/2018
	Small Scale	5,151	5,451	1.058	7,646	8,199	1.072	7/21/2018
	Small Scale	9,958	7,753	0.779	6,316	7,701	1.219	7/21/2018
	Small Scale	4,489	4,485	0.999	10,684	4,816	0.451	7/21/2018
	Small Scale	13,356	14,755	1.105	13,664	13,059	0.956	7/24/2018
	Small Scale	6,524	4,769	0.731	7,264	6,144	0.846	7/24/2018
	Small Scale	13,306	12,176	0.915	22,933	19,502	0.850	7/24/2018
	Small Scale	4,783	3,923	0.820	4,694	4,608	0.982	7/24/2018
	Small Scale	10,633	9,353	0.880	10,818	13,200	1.220	7/24/2018
	Small Scale	11,921	10,569	0.887	12,674	9,829	0.776	7/25/2018
	Small Scale	10,302	8,829	0.857	15,244	16,636	1.091	7/25/2018
	Small Scale	9,039	9,324	1.032	12,500	11,878	0.950	7/25/2018
	Small Scale	7,224	6,920	0.958	9,249	4,917	0.532	7/25/2018
	Small Scale	8,830	9,738	1.103	7,984	6,052	0.758	7/25/2018
	Small Scale	6,463	6,197	0.959	6,445	5,858	0.909	7/26/2018
	Small Scale	7,984	7,290	0.913	8,010	8,572	1.070	7/26/2018
	Small Scale	11,038	8,690	0.787	12,041	7,526	0.625	7/26/2018
	Small Scale	7,824	9,425	1.205	7,689	7,905	1.028	7/26/2018
	Small Scale	10,645	7,487	0.703	8,006	7,939	0.992	7/26/2018
	Small Scale	9,419	11,527	1.224	9,452	16,568	1.753	7/26/2018
	Small Scale	11,430	13,115	1.147	11,021	11,832	1.074	7/26/2018
	Small Scale	4,047	4,023	0.994	4,321	3,991	0.924	7/26/2018
	Small Scale	7,947	6,767	0.852	8,016	7,157	0.893	7/26/2018
	Small Scale	3,986	3,736	0.937	3,941	3,513	0.891	7/26/2018
	Small Scale	7,959	8,292	1.042	8,058	9,591	1.190	7/26/2018
	Small Scale	11,038	10,258	0.929	9,958	11,212	1.126	7/26/2018
	Small Scale	5,960	5,544	0.930	5,221	6,426	1.231	7/27/2018
	Medium-Scale Solar	305,374	304,898	0.998	316,684	304,898	0.963	7/27/2018
	Small Scale	8,217	6,166	0.750	9,551	9,169	0.960	7/27/2018
	Small Scale	8,683	9,571	1.102	12,685	12,275	0.968	7/27/2018
	Small Scale	5,065	4,573	0.903	5,070	4,477	0.883	7/27/2018
	Small Scale	12,203	10,582	0.867	12,375	10,804	0.873	7/28/2018
	Small Scale	6,083	3,796	0.624	17,485	18,662	1.067	7/28/2018
	Small Scale	5,151	4,565	0.886	6,450	5,687	0.882	7/28/2018
	Small Scale	4,783	3,528	0.738	4,401	4,815	1.094	7/28/2018
	Small Scale	5,789	6,251	1.080	10,843	9,251	0.853	7/31/2018
	Small Scale	9,860	9,224	0.935	9,301	8,961	0.963	7/31/2018
	Small Scale	5,433	4,757	0.876	5,600	6,384	1.140	7/31/2018
	Small Scale	6,672	5,255	0.788	6,727	7,110	1.057	7/31/2018
	Small Scale	7,849	6,864	0.875	9,656	10,515	1.089	7/31/2018
	Small Scale	11,786	12,338	1.047	12,419	12,352	0.995	8/1/2018
	Small Scale	10,682	9,050	0.847	11,999	12,007	1.001	8/1/2018
	Small Scale	13,306	11,183	0.840	1,272	14,498	11.398	8/1/2018
	Small Scale	5,691	3,762	0.661	6,079	5,198	0.855	8/1/2018
	Small Scale	9,615	8,771	0.912	5,313	6,960	1.310	8/1/2018
	Small Scale	8,585	7,357	0.857	9,740	6,817	0.700	8/1/2018
	Small Scale	13,306	10,426	0.784	16,800	16,436	0.978	8/1/2018
	Small Scale	5,715	4,263	0.746	6,784	12,345	1.820	8/1/2018
	Small Scale	4,121	4,057	0.985	4,788	4,456	0.931	8/2/2018
	Small Scale	7,236	7,849	1.085	8,882	8,365	0.942	8/2/2018
	Small Scale	10,461	9,344	0.893	10,680	10,476	0.981	8/2/2018
	Small Scale	10,682	11,377	1.065	10,704	7,460	0.697	8/2/2018
	Small Scale	8,131	7,606	0.935	4,773	4,176	0.875	8/2/2018
	Small Scale	13,306	13,901	1.045	13,712	14,086	1.027	8/2/2018
	Small Scale	10,645	11,033	1.036	10,503	13,735	1.308	8/2/2018
	Small Scale	5,224	5,619	1.076	5,946	6,238	1.049	8/2/2018
	Small Scale	7,469	5,453	0.730	7,687	6,319	0.822	8/2/2018
	Small Scale	12,693	13,832	1.090	13,222	13,063	0.988	8/2/2018
	Small Scale	5,494	5,451	0.992	4,979	4,647	0.933	8/2/2018
	Small Scale	6,574	6,027	0.917	6,855	6,409	0.935	8/2/2018
	Small Scale	7,898	7,383	0.935	7,982	7,842	0.982	8/2/2018
	Small Scale	7,113	6,649	0.935	4,544	4,625	1.018	8/2/2018
	Small Scale	5,323	5,226	0.982	4,904	3,969	0.809	8/2/2018
	Small Scale	13,343	10,471	0.785	15,966	12,788	0.801	8/2/2018
	Small Scale	4,047	4,030	0.996	4,033	4,464	1.107	8/2/2018
	Small Scale	5,433	6,072	1.118	6,556	5,799	0.885	8/3/2018
	Small Scale	4,341	3,957	0.911	5,869	5,625	0.958	8/3/2018
	Small Scale	3,986	3,070	0.770	5,792	4,134	0.714	8/3/2018
	Small Scale	8,744	7,055	0.807	11,200	9,858	0.880	8/3/2018
	Small Scale	8,094	7,038	0.870	8,114	7,051	0.869	8/3/2018

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	5,789	4,772	0.824	6,435	5,961	0.926	8/3/2018
	Small Scale	8,830	7,954	0.901	13,346	12,930	0.969	8/3/2018
	Small Scale	3,618	3,178	0.878	3,838	5,121	1.334	8/4/2018
	Small Scale	12,877	6,722	0.522	13,664	11,614	0.850	8/4/2018
	Small Scale	12,926	11,784	0.912	12,624	11,288	0.894	8/4/2018
	Small Scale	10,854	9,894	0.912	14,130	12,961	0.917	8/4/2018
	Small Scale	6,623	5,989	0.904	9,453	9,954	1.053	8/4/2018
	Small Scale	7,285	6,793	0.932	7,857	5,136	0.654	8/4/2018
	Small Scale	5,789	6,062	1.047	6,355	7,191	1.132	8/4/2018
	Small Scale	7,113	8,114	1.141	8,973	12,326	1.374	8/4/2018
	Small Scale	4,341	3,621	0.834	4,902	5,963	1.216	8/4/2018
	Small Scale	5,519	3,349	0.607	5,516	5,434	0.985	8/4/2018
	Small Scale	8,830	6,005	0.680	8,823	8,415	0.954	8/4/2018
	Small Scale	3,679	3,744	1.018	4,464	5,304	1.188	8/4/2018
	Small Scale	9,406	7,934	0.843	7,066	8,971	1.270	8/7/2018
	Small Scale	5,151	5,262	1.022	7,453	5,168	0.693	8/7/2018
	Small Scale	9,958	9,532	0.957	10,590	8,655	0.817	8/7/2018
	Small Scale	3,618	3,785	1.046	4,488	4,764	1.061	8/7/2018
	Small Scale	8,891	8,584	0.965	9,866	9,416	0.954	8/7/2018
	Small Scale	9,934	6,409	0.645	9,919	8,891	0.896	8/7/2018
	Small Scale	11,504	12,472	1.084	12,098	12,490	1.032	8/7/2018
	Small Scale	7,555	5,269	0.697	8,185	7,615	0.930	8/7/2018
	Small Scale	12,092	10,328	0.854	18,328	18,603	1.015	8/7/2018
	Small Scale	3,618	3,375	0.933	3,775	2,794	0.740	8/7/2018
	Small Scale	13,159	13,383	1.017	19,647	20,047	1.020	8/7/2018
	Small Scale	8,094	6,121	0.756	9,004	7,540	0.837	8/7/2018
	Small Scale	10,449	7,727	0.740	3,946	4,992	1.265	8/7/2018
	Small Scale	2,502	1,437	0.574	2,984	4,196	1.406	8/7/2018
	Small Scale	9,051	8,887	0.982	9,538	8,932	0.936	8/7/2018
	Small Scale	9,922	7,637	0.770	10,050	8,418	0.838	8/7/2018
	Small Scale	10,670	10,245	0.960	12,676	11,752	0.927	8/7/2018
	Small Scale	11,921	10,181	0.854	11,929	6,092	0.511	8/8/2018
	Small Scale	8,180	7,253	0.887	9,486	7,770	0.819	8/8/2018
	Small Scale	8,940	8,005	0.895	6,974	7,032	1.008	8/8/2018
	Small Scale	11,921	12,035	1.010	14,415	9,255	0.642	8/8/2018
	Small Scale	5,960	5,539	0.929	5,383	6,438	1.196	8/8/2018
	Small Scale	4,930	3,847	0.780	4,902	6,103	1.245	8/8/2018
	Small Scale	13,024	10,816	0.830	14,977	11,529	0.770	8/9/2018
	Small Scale	7,015	7,735	1.103	7,489	7,368	0.984	8/9/2018
	Small Scale	6,733	5,754	0.855	7,214	7,373	1.022	8/9/2018
	Small Scale	3,532	3,061	0.867	2,983	2,819	0.945	8/9/2018
	Small Scale	5,151	4,847	0.941	5,185	6,056	1.168	8/9/2018
	Small Scale	7,395	7,475	1.011	12,581	13,406	1.066	8/9/2018
	Small Scale	6,255	4,593	0.734	6,161	5,861	0.951	8/10/2018
	Small Scale	11,136	8,601	0.772	10,887	9,924	0.912	8/10/2018
	Small Scale	7,604	7,102	0.934	10,571	8,195	0.775	8/10/2018
	Small Scale	3,434	3,329	0.969	4,203	5,567	1.325	8/10/2018
	Small Scale	12,166	11,954	0.983	13,911	17,722	1.274	8/10/2018
	Small Scale	13,245	14,657	1.107	12,887	13,394	1.039	8/10/2018
	Small Scale	6,574	7,831	1.191	4,522	6,691	1.480	8/10/2018
	Small Scale	18,421	14,114	0.766	18,666	20,789	1.114	8/10/2018
	Small Scale	5,985	6,238	1.042	6,027	5,541	0.919	8/10/2018
	Small Scale	4,464	4,576	1.025	4,455	3,884	0.872	8/10/2018
	Small Scale	7,236	6,568	0.908	7,998	7,401	0.925	8/10/2018
	Small Scale	5,887	4,960	0.843	7,577	6,998	0.924	8/11/2018
	Small Scale	6,623	6,913	1.044	7,241	6,346	0.876	8/11/2018
	Small Scale	4,807	4,880	1.015	4,935	5,785	1.172	8/11/2018
	Small Scale	4,415	2,731	0.619	4,388	4,354	0.992	8/11/2018
	Small Scale	13,429	11,320	0.843	14,058	13,243	0.942	8/11/2018
	Small Scale	13,687	12,371	0.904	14,829	12,752	0.860	8/11/2018
	Small Scale	9,247	7,958	0.861	9,738	11,274	1.158	8/11/2018
	Small Scale	4,268	4,284	1.004	4,793	5,375	1.121	8/11/2018
	Small Scale	7,726	7,659	0.991	12,122	11,346	0.936	8/11/2018
	Small Scale	9,272	7,720	0.833	8,300	7,971	0.960	8/11/2018
	Small Scale	10,277	10,005	0.974	10,418	10,639	1.021	8/11/2018
	Small Scale	3,777	4,060	1.075	4,126	4,648	1.127	8/11/2018
	Small Scale	13,024	14,288	1.097	16,933	19,800	1.169	8/11/2018
	Small Scale	12,239	8,430	0.689	14,390	30,005	2.085	8/11/2018
	Small Scale	5,433	6,355	1.170	11,673	18,250	1.563	8/15/2018
	Small Scale	11,639	9,406	0.808	12,932	11,895	0.920	8/15/2018
	Small Scale	8,891	8,874	0.998	9,286	8,525	0.918	8/15/2018
	Small Scale	6,733	5,734	0.852	6,621	6,428	0.971	8/15/2018
	Small Scale	8,180	7,779	0.951	8,309	7,644	0.920	8/15/2018
	Small Scale	7,959	6,423	0.807	6,524	8,285	1.270	8/15/2018
	Small Scale	4,979	5,376	1.080	6,078	7,506	1.235	8/15/2018
	Small Scale	8,744	7,566	0.865	5,783	10,816	1.870	8/16/2018
	Small Scale	5,433	4,637	0.853	6,264	7,062	1.127	8/16/2018
	Small Scale	10,596	10,451	0.986	8,280	7,742	0.935	8/16/2018
	Small Scale	8,536	6,980	0.818	12,946	13,362	1.032	8/16/2018
	Small Scale	6,475	5,816	0.898	6,570	6,137	0.934	8/16/2018
	Small Scale	13,515	12,331	0.912	23,987	22,763	0.949	8/16/2018
	Small Scale	5,887	6,272	1.065	7,612	5,617	0.738	8/16/2018
	Small Scale	13,429	11,236	0.837	31,092	26,584	0.855	8/16/2018
	Small Scale	9,088	9,222	1.015	10,370	11,522	1.111	8/16/2018
	Small Scale	4,121	4,210	1.022	4,372	7,007	1.603	8/17/2018
	Small Scale	11,025	9,817	0.890	10,770	7,126	0.662	8/17/2018
	Small Scale	6,279	5,836	0.929	9,879	10,763	1.089	8/17/2018
	Small Scale	10,130	9,850	0.972	10,415	16,159	1.552	8/17/2018
	Small Scale	9,051	7,067	0.781	12,665	11,369	0.898	8/17/2018
	Small Scale	13,159	8,851	0.673	21,705	20,829	0.960	8/17/2018

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	13,245	13,630	1.029	15,865	18,705	1.179	8/29/2018
	Small Scale	5,691	5,753	1.011	6,857	5,369	0.783	8/30/2018
	Small Scale	5,691	6,101	1.072	7,136	8,463	1.186	8/30/2018
	Small Scale	8,891	8,618	0.969	8,951	8,518	0.952	8/30/2018
	Small Scale	6,843	6,747	0.986	7,813	8,300	1.062	8/30/2018
	Small Scale	6,868	5,700	0.830	6,497	6,926	1.066	8/30/2018
	Small Scale	8,499	7,606	0.895	9,573	9,026	0.943	8/30/2018
	Small Scale	8,438	7,080	0.839	7,588	7,791	1.027	8/30/2018
	Small Scale	5,433	4,916	0.905	5,550	5,182	0.934	8/30/2018
	Small Scale	13,159	7,361	0.559	20,861	20,221	0.969	8/30/2018
	Small Scale	9,505	9,407	0.990	10,520	11,936	1.135	8/30/2018
	Small Scale	7,395	7,969	1.078	10,001	10,440	1.044	8/30/2018
	Small Scale	4,709	3,917	0.832	4,974	4,673	0.939	8/30/2018
	Small Scale	4,378	3,937	0.899	4,883	5,436	1.113	8/30/2018
	Small Scale	13,245	8,721	0.658	17,661	17,763	1.006	8/30/2018
	Small Scale	6,046	5,397	0.893	6,245	6,883	1.102	8/31/2018
	Small Scale	3,262	3,382	1.037	3,862	3,370	0.873	8/31/2018
	Small Scale	5,188	2,837	0.547	3,592	5,564	1.549	8/31/2018
	Small Scale	6,954	6,151	0.885	7,086	5,786	0.817	8/31/2018
	Small Scale	14,839	16,453	1.109	15,001	18,117	1.208	8/31/2018
	Small Scale	8,511	7,949	0.934	12,674	13,505	1.066	8/31/2018
	Small Scale	6,880	5,287	0.768	6,922	6,155	0.889	8/31/2018
	Small Scale	6,157	5,891	0.957	6,781	8,818	1.300	8/31/2018
	Small Scale	8,891	7,265	0.817	9,778	8,656	0.885	8/31/2018
	Small Scale	10,670	7,239	0.678	7,224	8,937	1.237	8/31/2018
	Small Scale	6,512	6,805	1.045	6,811	8,178	1.201	8/31/2018
	Small Scale	6,046	4,289	0.709	6,694	7,265	1.085	8/31/2018
	Small Scale	10,326	11,178	1.082	11,479	11,560	1.007	8/31/2018
	Small Scale	6,757	6,884	1.019	7,481	15,656	2.093	8/31/2018
	Small Scale	13,245	5,965	0.450	13,206	11,559	0.875	9/1/2018
	Small Scale	8,241	9,189	1.115	7,213	12,465	1.728	9/1/2018
	Small Scale	7,604	8,133	1.070	8,091	9,339	1.154	9/1/2018
	Small Scale	5,433	4,865	0.895	5,509	9,804	1.780	9/1/2018
	Small Scale	6,291	5,404	0.859	7,252	6,281	0.866	9/1/2018
	Small Scale	7,064	6,094	0.863	6,642	6,467	0.974	9/1/2018
	Small Scale	8,499	5,578	0.656	8,112	9,247	1.140	9/1/2018
	Small Scale	8,094	8,140	1.006	10,552	15,839	1.501	9/1/2018
	Small Scale	12,951	8,212	0.634	15,259	12,775	0.837	9/1/2018
	Small Scale	4,341	4,455	1.026	4,767	6,191	1.299	9/1/2018
	Small Scale	10,020	7,431	0.742	10,642	11,025	1.036	9/2/2018
	Small Scale	4,341	4,764	1.097	5,097	5,136	1.008	9/2/2018
	Small Scale	8,953	6,666	0.745	7,140	9,516	1.333	9/2/2018
	Small Scale	13,356	14,995	1.123	8,612	7,556	0.877	9/5/2018
	Small Scale	9,971	7,056	0.708	9,955	12,718	1.278	9/5/2018
	Small Scale	4,562	5,111	1.120	5,359	7,089	1.323	9/5/2018
	Small Scale	5,691	6,173	1.085	5,811	6,847	1.178	9/5/2018
	Small Scale	7,579	7,439	0.982	10,093	8,446	0.837	9/5/2018
	Small Scale	13,245	13,974	1.055	17,192	15,265	0.888	9/5/2018
	Small Scale	8,094	7,816	0.966	6,640	9,165	1.380	9/5/2018
	Small Scale	13,159	11,776	0.895	21,719	20,895	0.962	9/5/2018
	Small Scale	11,773	10,902	0.926	9,696	10,634	1.097	9/5/2018
	Small Scale	5,519	6,142	1.113	3,692	5,875	1.591	9/5/2018
	Small Scale	9,406	7,338	0.780	25,213	25,160	0.998	9/5/2018
	Small Scale	7,236	7,093	0.980	8,039	8,297	1.032	9/5/2018
	Small Scale	9,603	8,543	0.890	10,024	8,895	0.887	9/5/2018
	Small Scale	5,691	5,217	0.917	6,972	4,281	0.614	9/5/2018
	Small Scale	6,757	6,892	1.020	7,747	9,377	1.210	9/5/2018
	Small Scale	4,047	3,955	0.977	5,724	8,572	1.498	9/5/2018
	Small Scale	9,885	8,761	0.886	15,164	12,385	0.817	9/5/2018
	Small Scale	10,302	7,051	0.684	4,252	5,925	1.393	9/5/2018
	Small Scale	9,272	8,685	0.937	11,469	11,412	0.995	9/5/2018
	Small Scale	4,562	3,552	0.779	4,062	4,139	1.019	9/6/2018
	Small Scale	6,169	6,303	1.022	6,737	6,184	0.918	9/6/2018
	Small Scale	6,316	6,300	0.997	8,883	10,569	1.190	9/6/2018
	Small Scale	6,524	5,505	0.844	7,049	15,886	2.254	9/6/2018
	Small Scale	13,515	11,014	0.815	15,965	16,792	1.052	9/6/2018
	Small Scale	9,272	9,047	0.976	11,702	12,200	1.043	9/7/2018
	Small Scale	9,124	7,368	0.808	13,480	12,050	0.894	9/7/2018
	Small Scale	3,986	4,431	1.112	4,612	5,874	1.274	9/7/2018
	Small Scale	3,986	3,308	0.830	4,264	4,765	1.117	9/7/2018
	Small Scale	12,558	9,835	0.783	12,408	11,846	0.955	9/7/2018
	Small Scale	10,302	9,134	0.887	12,452	10,638	0.854	9/7/2018
	Small Scale	8,180	6,221	0.761	7,071	7,957	1.125	9/7/2018
	Small Scale	4,464	3,840	0.860	6,154	4,524	0.735	9/7/2018
	Small Scale	3,924	3,260	0.831	4,584	4,209	0.918	9/7/2018
	Small Scale	4,979	3,026	0.608	2,701	5,193	1.923	9/10/2018
	Small Scale	14,570	7,726	0.530	5,703	8,929	1.566	9/10/2018
	Small Scale	4,709	4,072	0.865	7,606	6,345	0.834	9/11/2018
	Small Scale	5,114	7,329	1.433	5,360	15,721	2.933	9/11/2018
	Small Scale	7,236	7,758	1.072	10,044	12,325	1.227	9/11/2018
	Small Scale	5,789	5,116	0.884	6,238	7,616	1.221	9/11/2018
	Small Scale	6,880	6,518	0.947	7,330	6,173	0.842	9/12/2018
	Small Scale	10,498	10,111	0.963	6,570	16,695	2.541	9/12/2018
	Small Scale	9,811	10,902	1.111	10,086	13,631	1.351	9/12/2018
	Small Scale	8,683	8,254	0.951	8,758	9,361	1.069	9/12/2018
	Small Scale	6,880	5,775	0.839	7,542	7,014	0.930	9/12/2018
	Small Scale	5,298	8,262	1.559	3,738	8,896	2.380	9/12/2018
	Small Scale	12,301	9,313	0.757	13,259	12,122	0.914	9/12/2018
	Small Scale	9,774	10,648	1.089	14,376	14,528	1.011	9/12/2018
	Small Scale	4,415	4,641	1.051	4,535	3,872	0.854	9/12/2018

Premise Number	Enrollment Category	Estimated Annual Generation Output (kWh)	Actual 2019 Generation	Ratio of actual generation to estimated generation	3-year average usage	Actual 2019 Usage	Ratio of actual usage to estimated usage	Connected Date
	Small Scale	7,947	5,316	0.669	12,546	12,885	1.027	9/12/2018
	Small Scale	7,849	8,765	1.117	8,798	7,562	0.860	9/13/2018
	Small Scale	6,402	5,350	0.836	8,212	7,491	0.912	9/13/2018
	Small Scale	14,226	12,128	0.853	15,914	19,686	1.237	9/13/2018
	Small Scale	4,341	4,778	1.101	4,818	4,633	0.962	9/13/2018
	Small Scale	13,245	7,725	0.583	13,238	13,835	1.045	9/14/2018
	Small Scale	13,159	12,425	0.944	18,936	17,902	0.945	9/14/2018
	Small Scale	2,539	2,950	1.162	1,794	2,262	1.261	9/14/2018
	Small Scale	5,433	5,464	1.006	6,239	6,228	0.998	9/14/2018
	Small Scale	11,332	9,621	0.849	6,348	14,124	2.225	9/14/2018
	Small Scale	9,566	5,938	0.621	6,868	5,558	0.809	9/14/2018
	Small Scale	4,709	3,973	0.844	5,116	5,102	0.997	9/15/2018
	Small Scale	4,942	4,472	0.905	3,157	3,445	1.091	9/15/2018
	Small Scale	2,502	1,306	0.522	2,768	4,581	1.655	9/15/2018
	Small Scale	3,422	2,438	0.713	3,359	3,022	0.900	9/15/2018
	Small Scale	5,691	4,262	0.749	5,557	7,864	1.415	9/15/2018
	Small Scale	9,885	6,216	0.629	10,002	10,011	1.001	9/15/2018
	Small Scale	7,824	7,168	0.916	8,104	7,734	0.954	9/18/2018
	Small Scale	6,046	5,116	0.846	6,589	6,386	0.969	9/18/2018
	Small Scale	19,868	17,431	0.877	19,888	20,354	1.023	9/19/2018
	Small Scale	5,065	5,320	1.050	5,358	6,198	1.157	9/19/2018
	Small Scale	7,726	7,300	0.945	7,798	8,011	1.027	9/19/2018
	Small Scale	12,301	11,384	0.925	11,170	23,781	2.129	9/19/2018
	Small Scale	10,130	10,346	1.021	13,137	11,805	0.899	9/20/2018
	Small Scale	5,433	5,530	1.018	6,718	7,311	1.088	9/20/2018
	Small Scale	5,065	5,573	1.100	6,094	5,081	0.834	9/20/2018
	Small Scale	4,182	3,389	0.810	1,727	2,073	1.200	9/20/2018
	Small Scale	9,603	8,508	0.886	25,824	13,147	0.509	9/20/2018
	Small Scale	12,252	9,799	0.800	19,139	19,893	1.039	9/21/2018
	Small Scale	6,157	6,047	0.982	7,026	7,068	1.006	9/21/2018
	Small Scale	7,726	9,334	1.208	6,552	8,418	1.285	9/21/2018
	Small Scale	10,645	11,070	1.040	11,702	10,716	0.916	9/21/2018
	Small Scale	5,519	4,101	0.743	5,983	6,257	1.046	9/21/2018
	Small Scale	7,224	6,051	0.838	6,951	8,980	1.292	9/21/2018
	Small Scale	4,709	5,463	1.160	4,828	6,099	1.263	9/22/2018
	Small Scale	6,623	6,080	0.918	7,252	6,387	0.881	9/22/2018
	Small Scale	10,302	11,138	1.081	5,423	11,575	2.134	9/22/2018
	Small Scale	10,670	10,056	0.942	11,238	14,633	1.302	9/22/2018
	Small Scale	7,236	6,107	0.844	7,718	5,649	0.732	9/25/2018
	Small Scale	7,959	7,980	1.003	10,407	10,970	1.054	9/25/2018
	Small Scale	7,113	5,819	0.818	6,941	7,169	1.033	9/25/2018
	Small Scale	13,159	9,786	0.744	17,828	13,623	0.764	9/25/2018
	Small Scale	9,051	6,886	0.761	9,978	11,352	1.138	9/25/2018
	Small Scale	7,236	6,661	0.921	14,889	14,937	1.003	9/26/2018
	Small Scale	2,649	1,939	0.732	2,167	2,213	1.021	9/26/2018
	Small Scale	4,341	4,234	0.975	5,799	6,204	1.070	9/26/2018
	Small Scale	2,845	2,312	0.813	2,359	12,215	5.178	9/26/2018
	Small Scale	8,536	8,094	0.948	8,910	8,518	0.956	9/27/2018
	Small Scale	10,596	10,688	1.009	17,753	17,151	0.966	9/27/2018
	Small Scale	5,298	4,997	0.943	7,056	5,244	0.743	9/27/2018
	Small Scale	9,811	11,060	1.127	14,465	12,939	0.895	9/27/2018
	Small Scale	5,985	5,341	0.892	5,871	7,088	1.207	9/27/2018
	Small Scale	12,362	11,511	0.931	11,659	11,019	0.945	9/27/2018
	Small Scale	6,843	6,666	0.974	4,960	16,845	3.396	9/27/2018
	Small Scale	6,721	4,066	0.605	10,612	4,398	0.414	9/27/2018
	Small Scale	4,979	5,501	1.105	14,132	12,860	0.910	9/27/2018
	Small Scale	5,372	3,729	0.694	7,121	8,600	1.208	9/27/2018
	Small Scale	6,512	5,133	0.788	6,753	7,000	1.037	9/28/2018
	Small Scale	13,392	13,593	1.015	12,012	11,290	0.940	9/28/2018
	Small Scale	9,848	8,951	0.909	12,904	11,841	0.918	9/28/2018
	Small Scale	10,989	9,422	0.857	12,221	9,850	0.806	9/29/2018
	Small Scale	5,433	132	0.024	5,391	9,551	1.772	9/29/2018
	Small Scale	5,433	5,132	0.945	5,223	7,757	1.485	9/29/2018
	Small Scale	7,162	5,748	0.803	13,180	14,470	1.098	9/29/2018
	Small Scale	10,498	9,996	0.952	10,759	14,140	1.314	9/29/2018
	Small Scale	23,277	19,724	0.847	25,857	24,240	0.937	9/29/2018
	Small Scale	5,629	5,264	0.935	7,907	6,821	0.863	9/29/2018
	Small Scale	5,838	5,658	0.969	5,756	6,125	1.064	9/29/2018
	Small Scale	9,774	6,528	0.668	9,830	7,312	0.744	9/29/2018
	Small Scale	9,357	10,926	1.168	10,028	9,213	0.919	9/29/2018
	Small Scale	9,848	7,416	0.753	7,194	14,942	2.077	10/2/2018
	Small Scale	6,512	7,165	1.100	11,964	8,107	0.678	10/2/2018
	Small Scale	11,786	11,189	0.949	12,581	9,451	0.751	10/2/2018
	Small Scale	3,986	3,025	0.759	4,654	3,727	0.801	10/2/2018
	Small Scale	4,979	4,634	0.931	5,083	5,400	1.062	10/2/2018
	Small Scale	6,255	4,117	0.658	5,572	3,979	0.714	10/3/2018
	Small Scale	7,297	5,669	0.777	6,880	8,479	1.232	10/3/2018
	Small Scale	9,443	8,650	0.916	9,702	10,822	1.115	10/3/2018
	Small Scale	8,904	6,545	0.735	11,065	11,731	1.060	10/4/2018
	Small Scale	11,786	11,841	1.005	16,215	17,859	1.101	10/4/2018
	Small Scale	6,512	5,642	0.866	6,606	6,220	0.942	10/4/2018
	Small Scale	13,245	10,959	0.827	17,813	17,303	0.971	10/4/2018
	Small Scale	11,025	8,671	0.786	12,105	9,487	0.784	10/4/2018
	Small Scale	5,151	4,387	0.852	6,256	6,767	1.082	10/5/2018
	Small Scale	5,948	5,856	0.985	5,260	5,983	1.137	10/5/2018
	Small Scale	6,463	5,546	0.858	5,883	13,469	2.289	10/6/2018
	Small Scale	10,265	9,142	0.891	8,667	9,124	1.053	10/6/2018
	Small Scale	10,670	11,515	1.079	10,681	9,772	0.915	10/6/2018
	Small Scale	4,121	3,493	0.848	5,574	4,460	0.800	10/6/2018
	Small Scale	5,825	4,833	0.830	7,581	8,590	1.133	10/6/2018

