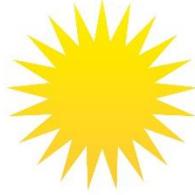


## Community Solar Payment and Crediting Process



**.407% OF THE PROJECT**  
"JOHN'S ALLOCATION"



PRODUCED  
**1144 KWH**  
THIS MONTH



**NYSEG**

**1144 KWH CREDITS**  
\*EXCESS CREDITS  
CARRY OVER



BILLS 1144 KWH  
**10% DISCOUNT**  
\$\$\$

**STEP**

**1**

**2**

**3**

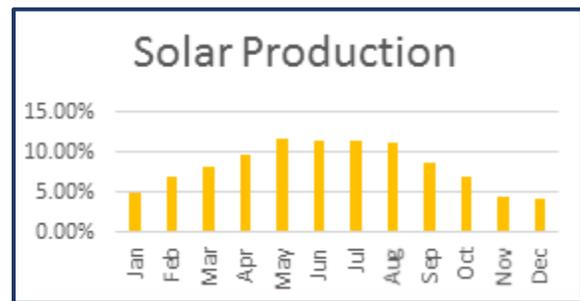
**4**

### 1 Customer Allocation

- Each customer (or member) of the community solar project is allocated a percentage of the solar farm based on their previous 12 months electric usage. This allocation will generally fall between 90-100% of a customer's annual usage.
- This allocation equals a percentage of the total solar project and solar production.
- In this example John's allocation or percent of the project is .407%.

### 2 Solar Production

- Solar production in the northeast follows a seasonal pattern. Production is highest in the summer months and lowest in the winter.
- The NYSEG meter at the solar farm monitors actual production.
- NYSEG records the total power produced each month and distributes credits to each member of the project on their NYSEG bill based on their percent allocation.
- Because solar production is usually higher in the summer months, customers will see higher credits on their bills for these months. Credits not used in one month carry over to subsequent months.



### 3 NYSEG Billing and Credits

- Customers continue to be billed by NYSEG for their NYSEG portion of the bill, just as they always have. In addition, the bill will identify the solar credits that have been applied each month in the form of a discount.
- Prior to the billing cycle or with the bill, NYSEG sends out a CDG (Community Distributed Generation) Summary to each participating customer (sample below). This summary identifies their percent allocation and the kwh (kilowatt hours) allocated for that month, as well as the corresponding dollar value of the credit that the member can expect to see on their bill that month.
- In our example below John’s allocation produced 1,144 kwh credits for a total credit of \$102.77.

#### CDG Account Summary

Account Information	
1 Name	John Smith
2 Account #	10001011101
3 Volumetric or Monetary	Volumetric
4 Billing period start date	03/28/18
5 Billing period end date	04/26/18
6 Allocation %	0.407%
7 Member Effective Date	1/26/18
8 Current CDG Allocation Effective Date	1/0/00

Volumetric: Monetary credit calculated based on satellite delivery and supply kWh prices  
 Monetary: Monetary credit calculated based on host delivery and supply kWh prices

% of host generation allocated to satellite account  
 Start date of satellite account CDG participation  
 Effective date of the allocation file in effect for the billing period

Generation Information	
9 Carry Over kWh from previous bill	-
10 Current Month kWh allocated from host	1,144
11 Total kWh available to apply to bill	1,144
12 kWh Value of CDG Credit	1,144
13 kWh left to carry over to next bill	

Banked generation kWh credits from previous month(s)  
 Generation kWh received from host for current month  
 Line 9 + Line 10  
 Generation kWh credited to billed delivery + supply (Line 18)  
 Generation kWh remaining for future months (Line 11 - Line 12)

Bill Information (kWh charges ONLY)	
15 Eligible kWh Delivery Charges	\$41.44
16 *Eligible kWh Supply Charges	\$60.48
17 Amount eligible for CDG credit	\$101.92
18 \$ Value of CDG Credit	\$102.77

kWh delivery charges eligible for generation credits  
 \* See explanation below  
 Line 15 + Line 16  
 Dollar value of generation kWh credited (Line 12)



- The NYSEG bill is generated with \$102.77 in CDG credits applied.



John Smith  
Account Number: 10001011101  
Statement Date: May 01, 2018

Service Address: 10001 Main St, Sample Town, NY  
NYSEG DETAILED ACCOUNT ACTIVITY

Page 3 of 4

Electricity Service - Residential Day-Night Service from: 03/28/18 - 04/26/18  
Electricity Rate - 12008 NYSEG Supply Service PoD ID: N01000018493940

Meter Number	Current Meter Read Date	Current Meter Read Reading	Previous Meter Read Date	Previous Meter Read Reading	Reading Difference	Billed Usage	Billing Period
07979474/ON	04/26/18	79440 A	03/28/18	78717 E	723	723 kwh	30 days
07979474/OFF	04/26/18	44656 A	03/28/18	44235 E	421	421 kwh	30 days

Type of read: A - Actual, E - Estimate, C - Customer, R - Remote and N - No read

**Electricity Delivery Charges**

Basic service charge						17.40
Delivery charge	1144	kwh	@	0.03551		40.62
Transition charge	1144	kwh	@	-0.00673446		-7.70
Revenue decoupling mech	1144	kwh	@	0.0011116		1.28
SBC charge	1144	kwh	@	0.006332		7.24
<b>Subtotal Electricity Delivery</b>						<b>\$58.84</b>

**Electricity Supply Charges**

On-peak supply charge	723	kwh	@	0.05210381		37.67
Off-peak supply charge	421	kwh	@	0.04572705		19.25
Merchant function charge - Mar	152	kwh	@	0.002793		0.42
Merchant function charge - Apr	992	kwh	@	0.003162		3.14
<b>Subtotal Electricity Supply</b>						<b>\$60.48</b>

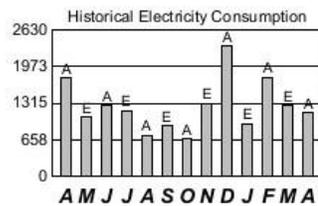
**Electricity Taxes and Surcharges**

Taxes on delivery charges			@	2.0408%		1.20
<b>Subtotal Electricity Taxes and Surcharges</b>						<b>\$1.20</b>

**Total Electricity Cost \$120.52**

**Total Energy Charges \$120.52**

**Usage Chart Information**



**Electricity Daily Average Comparisons**

Billing Period	Average Daily Use	Average Daily Temp
Apr-18	38 kwh	37° F
Apr-17	61 kwh	47° F

**Miscellaneous Charges**

05/01/18	CDG generation credit	-102.77
05/01/18	Payment & billing svcs charge	0.00
05/01/18	Payment & billing svcs GRT	0.02

**Total Miscellaneous Charges \$-101.94**

## 4 DRS Billing

- DRS (through its partner, Common Energy) processes a “Statement of Savings” for each customer’s solar production monthly.
- Customer billing is based on the customer’s allocated solar production for the month.
- Again in this example, John’s allocation produced 1,144 kwh credits for the month.
- The NYSEG baseline rate for the billing period in the example was \$.0915 per kwh.
- The DRS discount is 10%.
- The DRS Clean Energy rate for the billing period in the example is \$.08235 per kwh.
- The customer savings for this bill cycle was therefore \$8.56.
- The carbon emissions prevented for this bill cycle equals 380 lbs.
- Payment to DRS/Common Energy is completed through automatic ACH bank payment or credit card processing.
- Payments are processed 7-10 days after the email notification.
- In some months customers’ allocations may produce more credits than the customer actually uses (usually in the summer months when production is highest). Those credits are paid for in the month produced and will carry over to future months.

Questions can be referred to the DRS/Common Energy Customer Service team at (844) 899-9763 [support@commonenergy.us](mailto:support@commonenergy.us)





**Statement of Savings**  
Customer No.  
Invoice No.  
Billing Period:

John Smith  
10001 Main St  
Sample Town, NY, 12764

**Summary**

Solar energy allocated this month (kWh)	1,144
NYSEG baseline rate	\$0.0915
Discount with DRS	10%
DRS Clean Energy rate (\$/kWh)	\$0.08235
<b>Your Invoice* (\$)</b>	<b>\$94.21</b>
<b>Your Savings this month (\$)</b>	<b>\$8.56</b>

\*This amount will be automatically drawn from your bank account in 3-5 business days.

**Your Environmental Impact**

CO2 Emissions Prevented This Month (lbs)	380
Lifetime CO2 Emissions Prevented (lbs)	1000

Delaware River Solar has partnered with Common Energy to provide Customer Management Services for our Community Solar projects. If you have questions: Contact Common Energy at (844) 899-9763 or [support@commonenergy.us](mailto:support@commonenergy.us).