Roger Tidball, Town Supervisor
Jennifer Howe, Town Clerk
Brandy Fall, Deputy Town Clerk
William Reed, Highway Superintendent

John D. Ganther, Council Member
Randy Passonno, Council Member
Francis R. Potter, Council Member
Jeffrey Senecal, Council Member

Thursday May 10, 2018
Regular Town Board Meeting
Meeting Time: 7:00PM

Meeting called to order by Supervisor Tidball at 7:00PM

Present: Supervisor Tidball, Council Members Ganther, Passonno, Senecal, Town Attorney Terresa Bakner, Highway Superintendent Reed, Town Clerk Jennifer Howe
Absent: Council Member Potter

Pledge of Allegiance
Prayer/Moment of Reflection offered by Pastor McHeard

Public Hearing: Proposed improvements to the Duanesburg/Delanson Sewer District No. 1 and Duanesburg Sewer District No. 3 pursuant to Town Law §202-b.

Town Supervisor Roger Tidball read the public notice published in the Gazette.
Supervisor Tidball motioned, seconded by Council Member Senecal to open the floor for comments.
Motion carried, 4 ayes

No one wished to comment.

Supervisor Tidball motioned, seconded by Council Member Passonno to close the floor for comments.
Motion carried, 4 ayes

Public Comments on Agenda: Opened by Supervisor Tidball for public comments on agenda items listed in the Business Meeting section of the Agenda. Comments limited to 2 minutes per person.
No one wished to comment. Floor closed.

Resolution 85-18: Council Member Passonno motioned, seconded by Council Member Ganther to approve the Town Board Meeting minutes of Thursday, April 26, 2018.
Motion carried, 4 ayes

Town Clerk, Jennifer Howe, read the Town Clerk's Report for April 2018 (see attached).

Supervisor Tidball read the Town Supervisor's Report for April 2018 (see attached).

Resolution 86-18: Council Member Ganther motioned, seconded by Council Member Passonno to pay the following claims:
Motion carried, 4 ayes

Vouchers to be Paid
May 10, 2018

General Fund: #150-161	$33,373.31
SD#1: #45-46	$3,161.64
SD#2: #50-54	$4,475.27
SD#3: #9-10	$1,568.37

In-House: #3	$339.73
Hwy:#60-73	$28,428.93
Total Vouchers to be Paid=	$71,347.25

Two representatives from General Electric spoke on the Community Solar Program allowing for collaboration between Schenectady County Consortium members as part of shared services approach to solar. (see attached)

Committee Reports

Highway: Superintendent Reed reported that they finished sweeping last week. We started adding grading material on our dirt roads. Next week we are going to start replacing some cross-culverts and ditching in preparation of the upcoming capital improvements. Started digging the hole for the septic down at Van Patten Park and we ran into ledge rock; we will need to rent a machine with a hammer. Council Member Passonno adding that they have been discussing purchasing new trucks and equipment; there is a county surplus auction going on right now and there are trucks and various pieces of equipment available. They have gone down and looked at them; they appear to be in good condition and have the potential to save the town substantial money. Council Member Passonno has removed himself from the process as Collar City is running the auction and he would waive all his fees not benefiting from it in any way. Supervisor Tidball and Superintendent Reed will be getting together to bid on possible purchases.

Public Safety: Supervisor Tidball reported that he attended the Fire Officer's Meeting last night. Esperance Fire Department will be having a parade on July 14th. Supervisor Tidball brought up at the meeting that the Town will be having a car show at Shafer Park and would like to invite all the local fire departments and ambulance to participate.

Parks: Council Member Senecal reported that the restroom project for Van Patten Park is in progress. The Park Committee will be meeting at the Point on Saturday to discuss final plans for that area.

Sewer District #1, 2 &3: Council Member Ganther reported that the team is back working on I & I Inspections. They are finding some broken basins and doing repairs. They have settled on a camera from Insight Vision for just under $10,000 with accessories and will be getting quotes. The highway department grated out the access road to SD#2 and we thank them for that. Dale received some quotes for maintenance plans on the generators.

Bill Brown from Delaware Engineering reported that they are wrapping up with SD#3 and doing some minor repairs on a pipe in the Stewarts's parking lot where there was a storm drain where the pipe partially collapsed. There is funding in place to pay for up to 75% of a UV disinfection system if it has been mandated by the state in which our case it has. Applications will be accepted until the end of July.

Technology: Supervisor Tidball reported that the next Broadband Committee meeting will be downstairs at Town Hall on May 23rd @ 6:30. He has invited the representatives from the County Legislature. Maps are almost complete and they currently show 575-600 houses out of 2484 that are not served.

Business Meeting:

Resolution 87-18: Council Member Passonno motioned, seconded by Council Member Ganther to approve the determination that the proposed improvements to Duanesburg/Delanson Sewer District No. 1 and Duanesburg Sewer District No. 3 pursuant to Town Law § 202-b are in public interest.
Motion carried, 4 ayes

Resolution 88-18: Council Member Ganther motioned, seconded by Council Member Passonno to authorize the Town Supervisor to enter into a memorandum of agreement with General Electric International Incorporated and various municipalities within Schenectady County.
Motion carried, 4 ayes

Resolution 89-18: Supervisor Tidball motioned, seconded by Council Member Senecal to allow Town Supervisor with the assistance of the Highway Superintendent Bill Reed to bid on surplus vehicles from the Schenectady County Auction with a max of $35,000.
Motion carried, 3 ayes
Council Member Passonno abstained

Privilege of the Floor: Opened at 8:32 pm

Mr. Parks of Maranatha Way asked where the $75,000 was coming from for the bidding of hwy equip. Supervisor Tidball stated it was $35,000 and it is coming from highway surplus. Mr. Parks asked if the annual report for 2016 was on the website. Supervisor Tidball stated as soon as it is finalized with the Comptroller's Office it will be. The 2017 report has been filed and we are waiting for the Comptroller's Office to finalize that one also. Mr. Parks brought up some concerns about the potential solar farm being

put at the closed landfill. Mr. Parks asked if the town was still funding Quaker Street Fire Department. Supervisor Tidball stated that the town only pulled the fire protection part due to lack of members and qualifications.

Floor Closed: 8:38 pm

Supervisor Tidball motioned, seconded by Council Member Passonno to adjourn the meeting. Motion carried, 4 ayes.

I, Jennifer Howe, Town Clerk of the Town of Duanesburg, so hereby certify that this is a true and accurate transcript of the Regular Town Board Meeting held on Thursday, May 10, 2018 at the Duanesburg Town Hall, 5853 Western Turnpike, Duanesburg, New York 12056

Clerk's Monthly Report
April 01, 2018 - April 30, 2018

Account#	Account Description	Fee Description	Qty	Local Share
		Connection Fee	1	230.00
		Hometown Hero Banner	9	1,125.00
		Permit & Connection Fee	5	1,300.00
		Zoning Map Change	1	150.00
	Marriage License Fee	Marriage License Fee	3	52.50
	Misc. Fees	Certified Copies - Death	13	130.00
		Photo Copies	39	5.85
	Operating Permit	Operating Permit	2	60.00
	Permit	Permit	1	30.00
	septic repair	septic repair	2	100.00
	subdivision minor	Subdivision	2	200.00
			Sub-Total:	**$3,383.35**
A1255	Conservation	Conservation	5	6.91
			Sub-Total:	**$6.91**
A2544	AFTER 30 DAYS	AFTER 30 DAYS	4	20.00
	Dog Licensing	Female, Spayed	23	322.00
		Female, Unspayed	4	88.00
		Male, Neutered	29	406.00
		Male, Unneutered	2	44.00
		Replacement Tags	1	5.00
			Sub-Total:	**$885.00**
B2555	Building Permits	Building Permits	4	655.00
	Special Use Permit	Special Use Permit	2	200.00
			Sub-Total:	**$855.00**
Sewer Dist # 3	Connection Fee	Connection Fee	1	230.00
			Sub-Total:	**$230.00**
Sewer Dist #3	Permit & Connection Fee	Permit & Connection Fee	8	2,080.00
			Sub-Total:	**$2,080.00**
			Total Local Shares Remitted:	**$7,440.26**

Amount paid to:	NYS Ag. & Markets for spay/neuter program	70.00
Amount paid to:	NYS Environmental Conservation	118.09
Amount paid to:	State Health Dept. For Marriage Licenses	67.50

Total State, County & Local Revenues: $7,695.85

Total Non-Local Revenues: $255.59

To the Supervisor:
Pursuant to Section 27, Sub 1, of the Town Law, I hereby certify that the foregoing is a full and true statement of all fees and monies received by me, Jennifer Howe, Town Clerk, Town of Duanesburg during the period stated above, in connection with my office, excepting only such fees and monies, the application of which are otherwise provided for by law.

Supervisor _____ Date _____ Town Clerk _____ Date _____

Monthly Statement of the Town Supervisor

TO THE TOWN BOARD OF THE TOWN OF DUANESBURG, NEW YORK:

Pursuant to Section 119 of Town Law, I hereby render the following statement of all money received and disbursed by this office during the month April 2018.

REVENUES

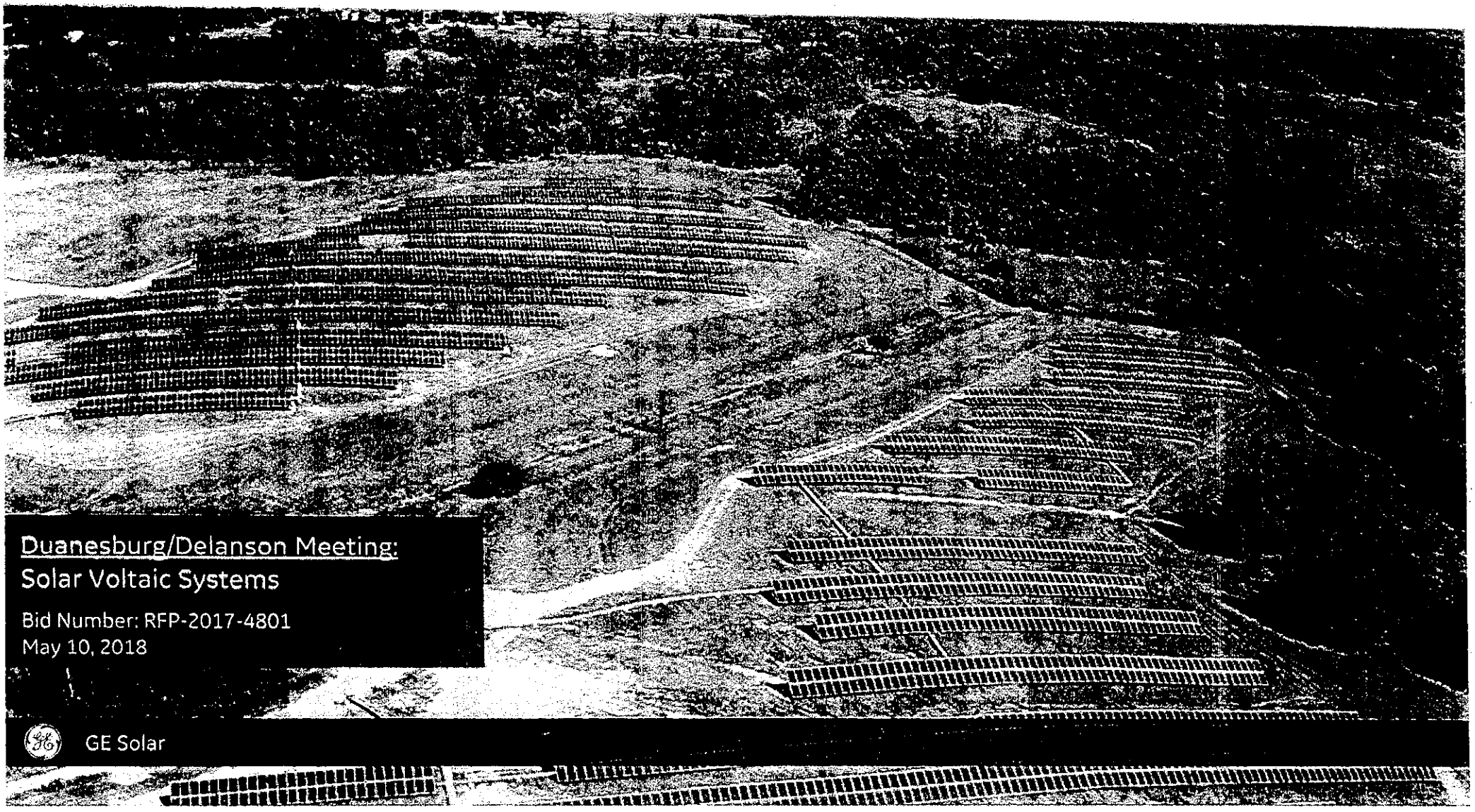
FUND	AMOUNT
GENERAL FUND	$ 20,446.78
HIGHWAY FUND	$ 83,123.00
FIRE PROTECTION	$ -
PARK & RECREATION	$ 0.12
PARKLANDS	$ 0.35
SERVICE AWARD	$ 0.70
SEWER DISTRICT #1	$ 8.30
SEWER DISTRICT #2	$ 13.57
SEWER DISTRICT #3	$ 156,007.18
TOTAL	**$ 259,600.00**

DISBURSEMENTS

GENERAL FUND	$ 108,834.15
HIGHWAY FUND	$ 35,404.97
FIRE PROTECTION	$ 25,000.00
PARK & RECREATION	$ -
PARKLANDS	$ -
SERVICE AWARD	$ -
SEWER DISTRICT #1	$ 12,851.50
SEWER DISTRICT #2	$ 10,739.32
SEWER DISTRICT #3	$ 22,155.51
TOTAL	**$ 214,985.45**

Dated: May 10, 2018

Supervisor's Office
Town of Duanesburg

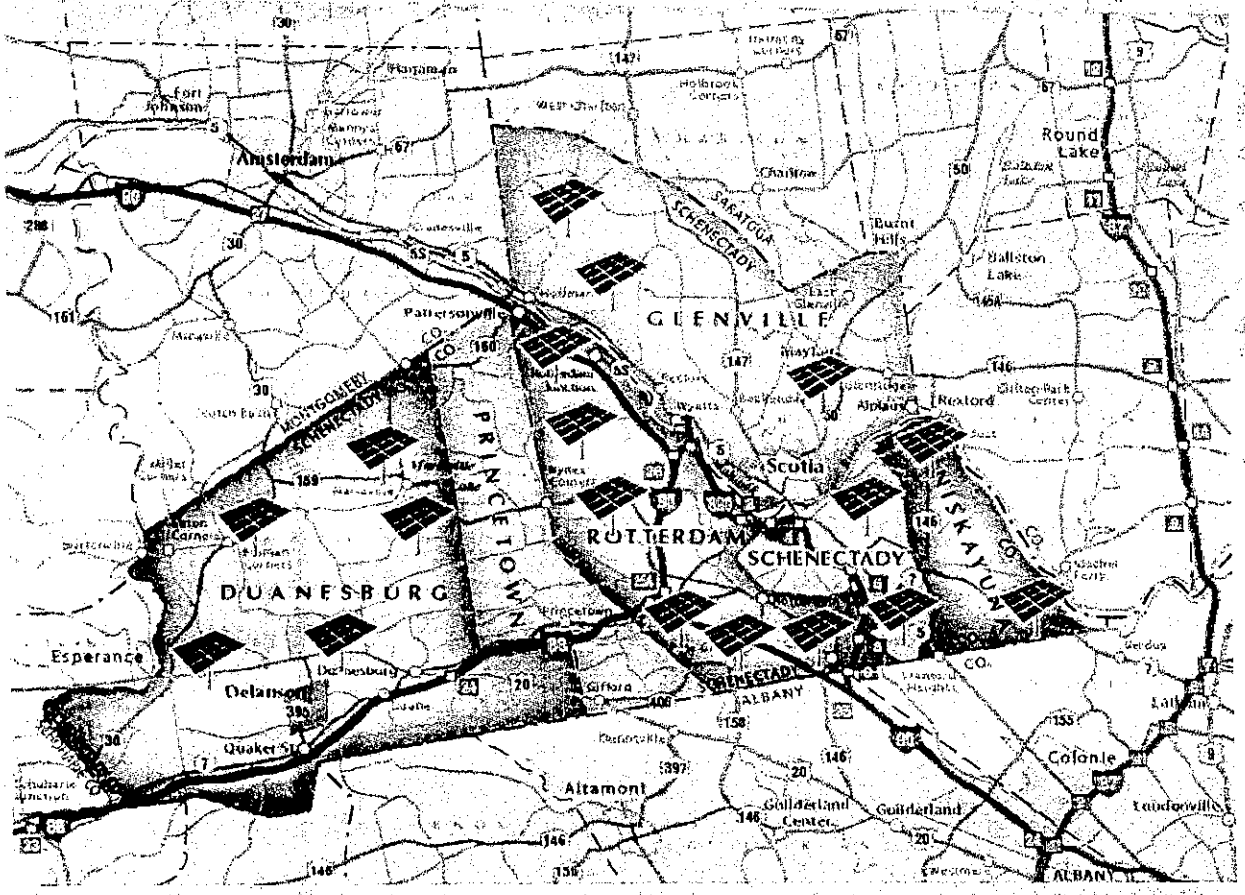


Duanesburg/Delanson Meeting:
Solar Voltaic Systems

Bid Number: RFP-2017-4801
May 10, 2018

GE Solar

Solar Deployment Plan in Schenectady County



- 18 municipally owned properties
- 46MW of solar
- GE to build, operate and maintain solar systems

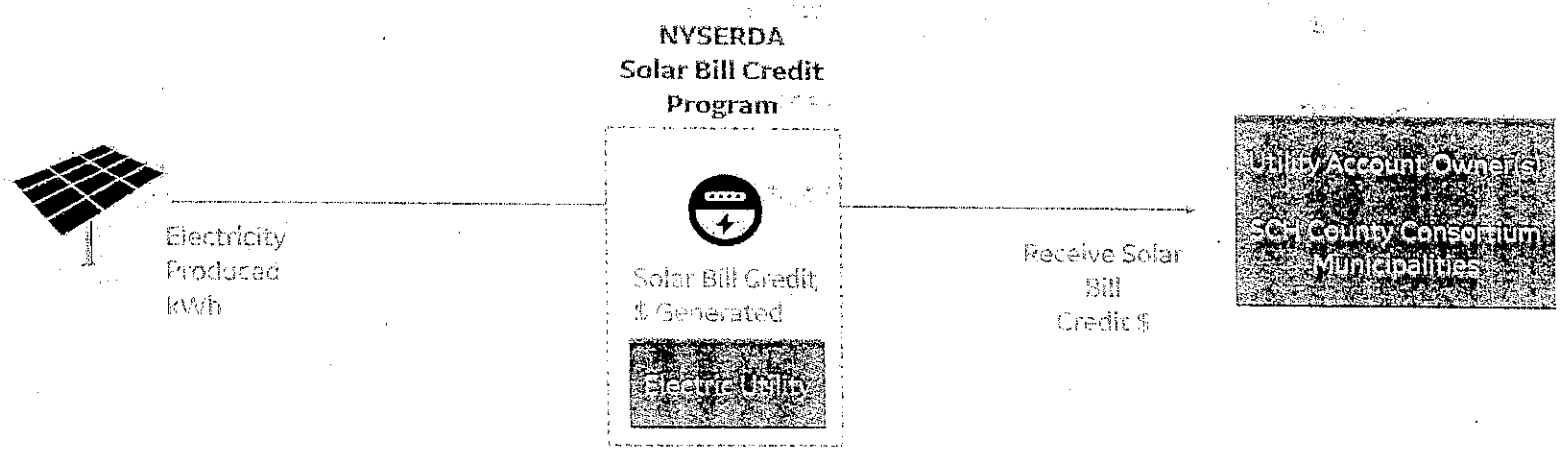
Community Solar program allows for collaboration between Schenectady County Consortium members as part of shared services approach to solar

Proposed Solar Sites Summary

Summary by Consortium Member		
City of Schenectady	2 sites	6.0MW
Schenectady County	2 sites	4.5MW
Town of Rotterdam	5 sites	11.0MW
Town of Niskayuna	1 sites	1.5MW
Town of Glenville	3 sites	11.5MW
Village of Delanson	**4 sites**	**8.0MW**
Town of Duanesburg	**1 sites**	**3.5MW**
Total	**18 sites**	**46.0MW**

For Duanesburg – Additional site on Cole Rd. not included in the summary above. Preliminary analysis is that could add an additional 3MW of solar to the summary.

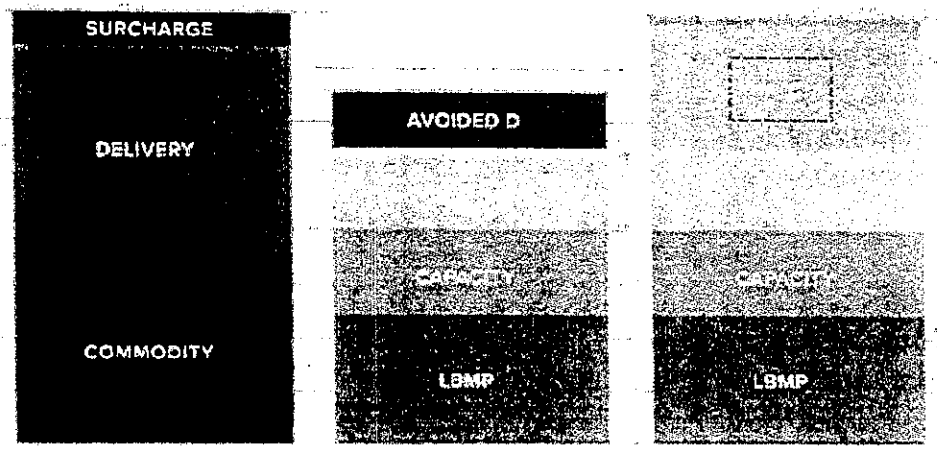
Solar Bill Credits



1. Each kWh produced from the solar system will generate a monetary Solar Bill Credit
2. Solar Bill Credits will be allocated to Schenectady County Consortium Municipal Utility Accounts
3. Solar Bill Credits will be applied against overall charges on Consortium Municipal Utility Accounts (Bill Credit Capacity)

Maximizing the Value of the Solar Bill Credit

Community Solar (CDG) maximizes value for Schenectady County



Base Retail Rate (NEM) | Value Stack (On-site or RNM) | Value Stack + MTC (CDG)

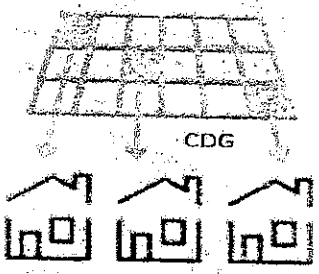
- D = Avoided Demand
- E = Environmental Benefit
- Capacity = ICAP
- LBMP = Energy Commodity
- MTC = Market Transition Credit for CDG

NYSERDA

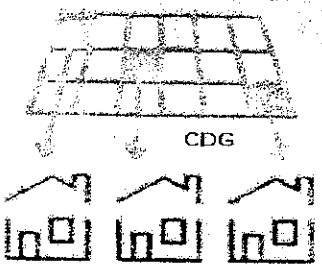
Source: https://www.nyserda.ny.gov/All-Programs/Programs/NY-Sun/Project-Developers/Value-of-Distributed-Energy-Resources

Community Solar (CDG) Program in New York

A Solar System in Glenville



A Solar System in Duanesburg



Community Solar program allows for collaboration between Schenectady County Consortium members as part of shared services approach to solar

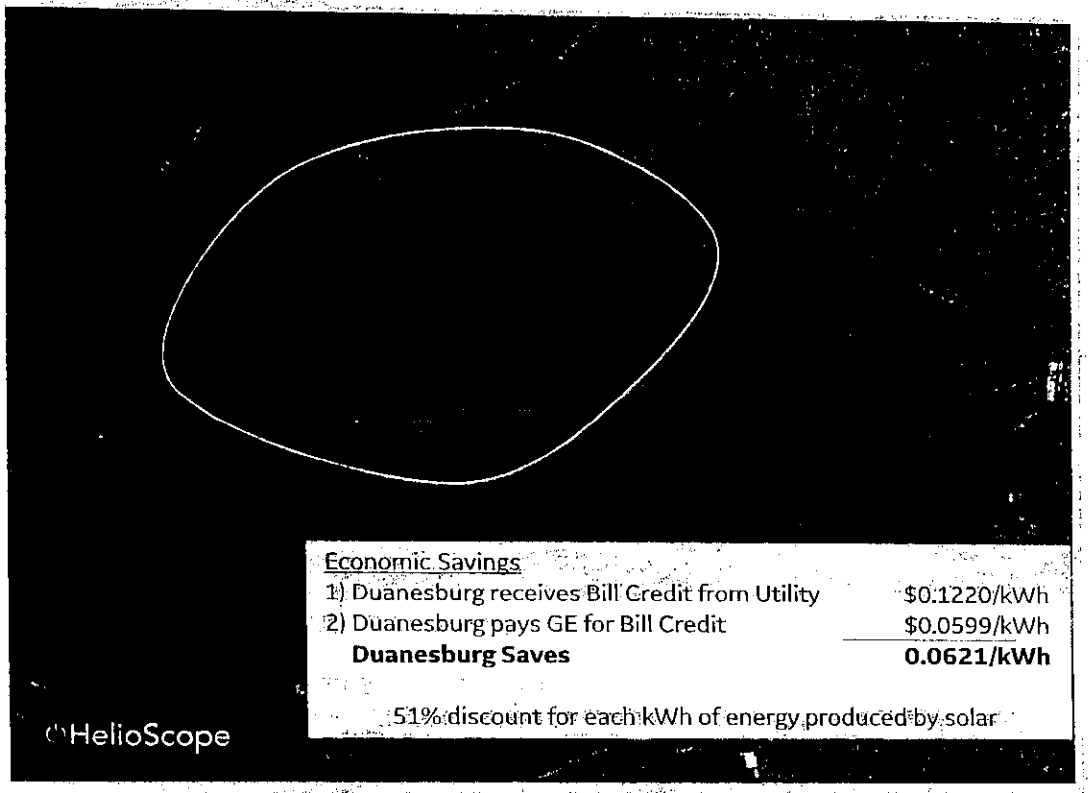
- Members will be different Consortium municipal utility accounts;
- Land owning municipality utility accounts will be allocated bill credits first;
- Excess bill credits will be subscribed to other Municipal utility account holders until fully allocated

Source: https://www.nyserda.ny.gov/All-Programs/Programs/NY-Sun/Project-Developers/Value-of-Distributed-Energy-Resources

Phase 1 – Illustrative Sample Project - Town of Duanesburg Landfill

Phase 1: Sell Solar Bill Credits to Duanesburg &/or other Consortium municipalities

- Property Location: 384 Park Road, Duanesburg NY
- System Size: 3,568 kWdc
- System Annual Production: 4,328,370 kWh



Economic Savings

1) Duanesburg receives Bill Credit from Utility	$0.1220/kWh
2) Duanesburg pays GE for Bill Credit	$0.0599/kWh
Duanesburg Saves	**0.0621/kWh**

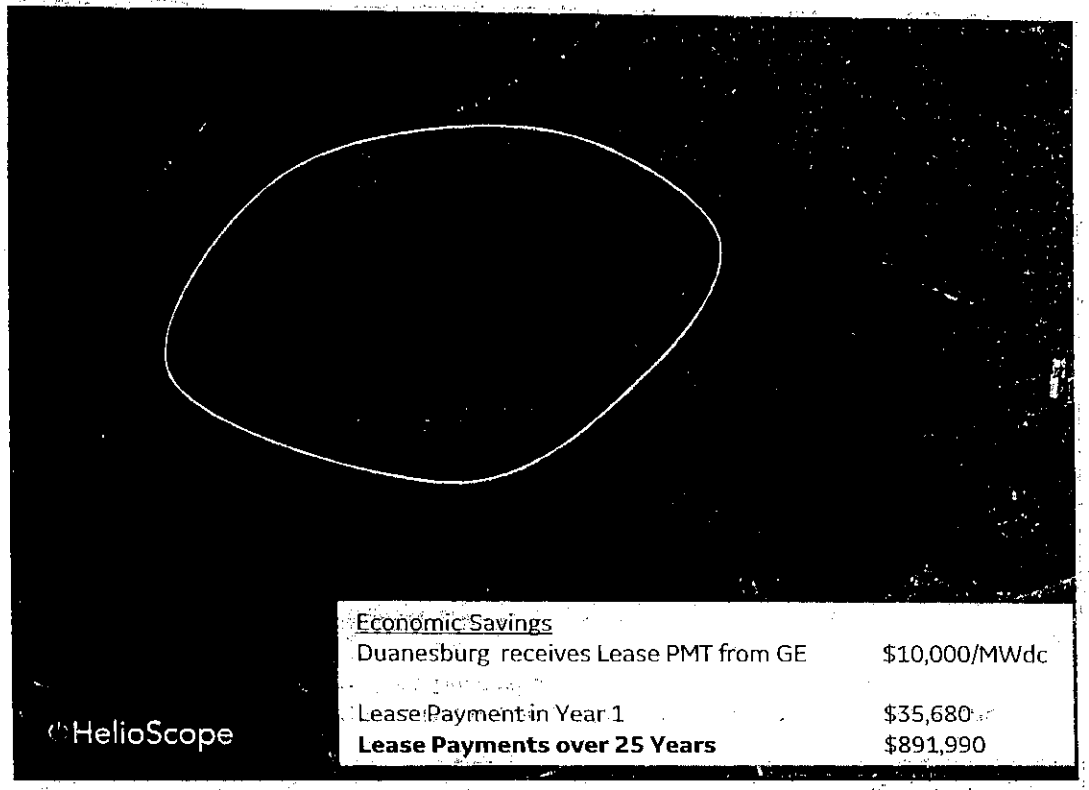
51% discount for each kWh of energy produced by solar

	Data
Size (kw-dc)	3,568
Annual Energy Production (kwh)	**4,327,935**
Bill Credit (CDG)	$0.1220
GE PPA Rate	$0.0599
Net Energy Saving	**$0.0621**
Discount to Bill Credit (CDG)	51%
Annual Electric Bill Savings ($/yr) for Duanesburg &/or other Consortium municipalities	**$268,756**
25-year Electric Bill Savings	$7,371,472

Phase 2 - Illustrative Sample Project - Town of Duanesburg Landfill

Phase 2: Lease Property --- Sell Bill Credits to non-Consortium Utility Account Holders

- Property Location: 384 Park Road, Duanesburg NY
- System Size: 3,568 kWdc
- System Annual Production: 4,328,370 kWh



Economic Savings	
Duanesburg receives Lease PMT from GE	$10,000/MWdc
Lease Payment in Year 1	$35,680
Lease Payments over 25 Years	$891,990

	Data
Size (kw-dc)	**3,568**
Annual Energy Production (kwh)	4,327,935
Land Lease Rate $/MWdc	$10,000
Land Lease Annual Escalator	0.0%
Annual Land Lease Payment to Duanesburg	**$35,680**
25-year Land Lease Payments	$891,990

Proposed Price Sheet Summary for Duanesburg

Total Number of Sites	Size (kw-dc)	Annual Energy Production (kwh)	Anticipated COD	Average Year 1 PPA Rate	Phase 1: Annual Electric Bill Savings ($/yr)	Phase 1: 25-year Electric Bill Savings	Phase 2: Alternative Land Lease ($/yr)	Phase 2: Alternative 25-yr Land Lease ($/yr)
5	11,304	13,771,845	Q2 19 - Q4 20	$0.061	$ 837,699	$ 22,991,993	$ 113,036	$ 2,825,910

Category 1 : Unconstrained Sites, Pile-Driven Ground-Mount Systems

#	Site	Size (kw-dc)	Annual Energy Production (kwh)	Anticipated COD	PPA Rate ($ / kwh)	Annual Electric Bill Savings ($/yr)	25-year Electric Bill Savings	Alternative Land Lease ($/yr)	Alternative 25-yr Land Lease ($/yr)
7	Duanesburg N. Knight Parcel 1	2,950	3,579,926	Q2 2019	$0.0599	$ 222,306	$ 6,097,439	$ 29,498	$ 737,460
8	Duanesburg N. Knight Parcel 2	2,993	3,622,041	Q2 2019	$0.0599	$ 224,921	$ 6,169,171	$ 29,927	$ 748,170
3	Duanesburg Landfill	3,568	4,327,935	Q4 2019	$0.0599	$ 268,756	$ 7,371,472	$ 35,680	$ 891,990
2	Duanesburg Main St.	741	931,722	Q2 2020	$0.0677	$ 50,583	$ 1,393,841	$ 7,405	$ 185,130
5	Duanesurg Western Turnpike	1,053	1,310,221	Q2 2020	$0.0677	$ 71,132	$ 1,960,069	$ 10,526	$ 263,160
		11,304	13,771,845		$0.0612	$ 837,699	$ 22,991,993	$ 113,036	$ 2,825,910

For Duanesburg – Additional site on Cole Rd. not included in the summary above. Preliminary analysis is that could add an additional 3MW of solar to the summary.

Next Steps

- Step 1 – Utility Bill Analysis
  - ✓ Data Request Form from Duanesburg
  - ✓ Data Request Form from Delanson
- Step 2 – National Grid Approval
  - ❑ Property Owner Consent form from Duanesburg
  - ✓ Property Owner Consent form from Delanson
  - ❑ Property/Site Control Form from Duanesburg
  - ❑ Property/Site Control Form from Delanson
- Step 3 – GE Engineering Site Visits
  - ❑ Delanson and Duanesburg this Friday and Monday

In Closing

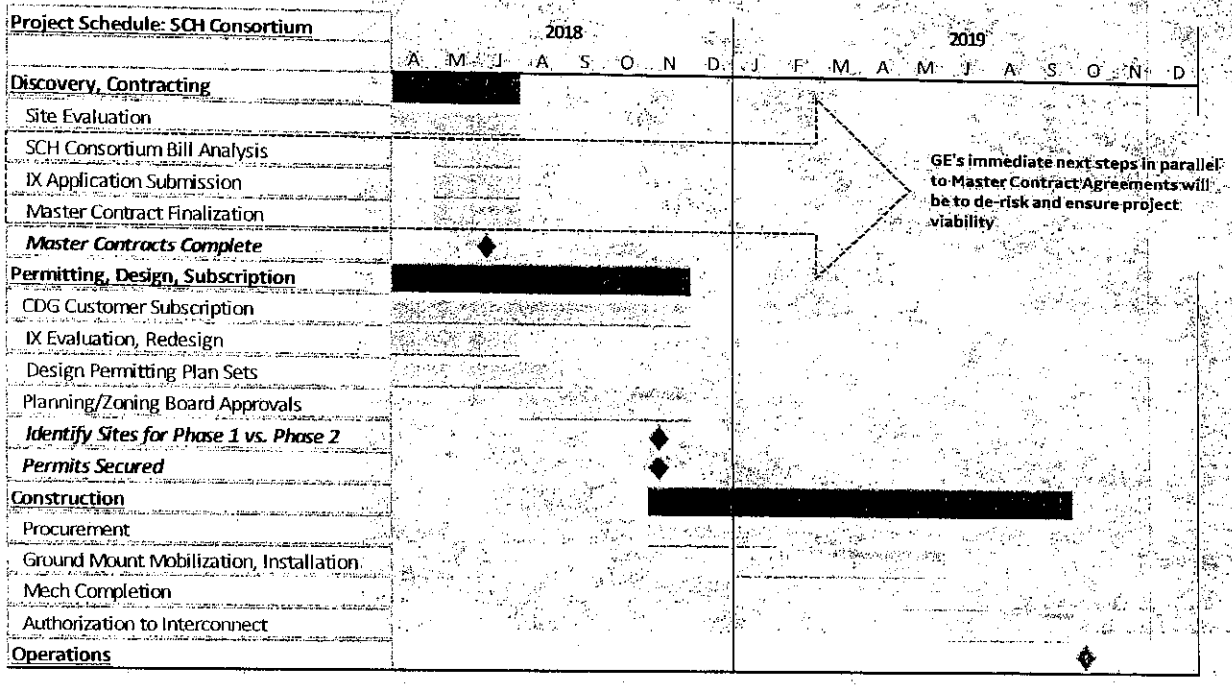
GE applauds Schenectady County and the Energy Consortium for making renewable energy central to their goals. Schenectady and GE have partnered together for over a century and our Solar business would like nothing more than to continue in that relationship and help the County achieve its renewable targets.

"I'd put my money on the sun and solar energy. What a source of power!

I hope we don't have to wait until oil and coal run out before we tackle that. I wish I had more years left."

~Thomas Edison

Schenectady County Solar Development Timeline



Step 1 – Utility Bill Inventory and Analysis

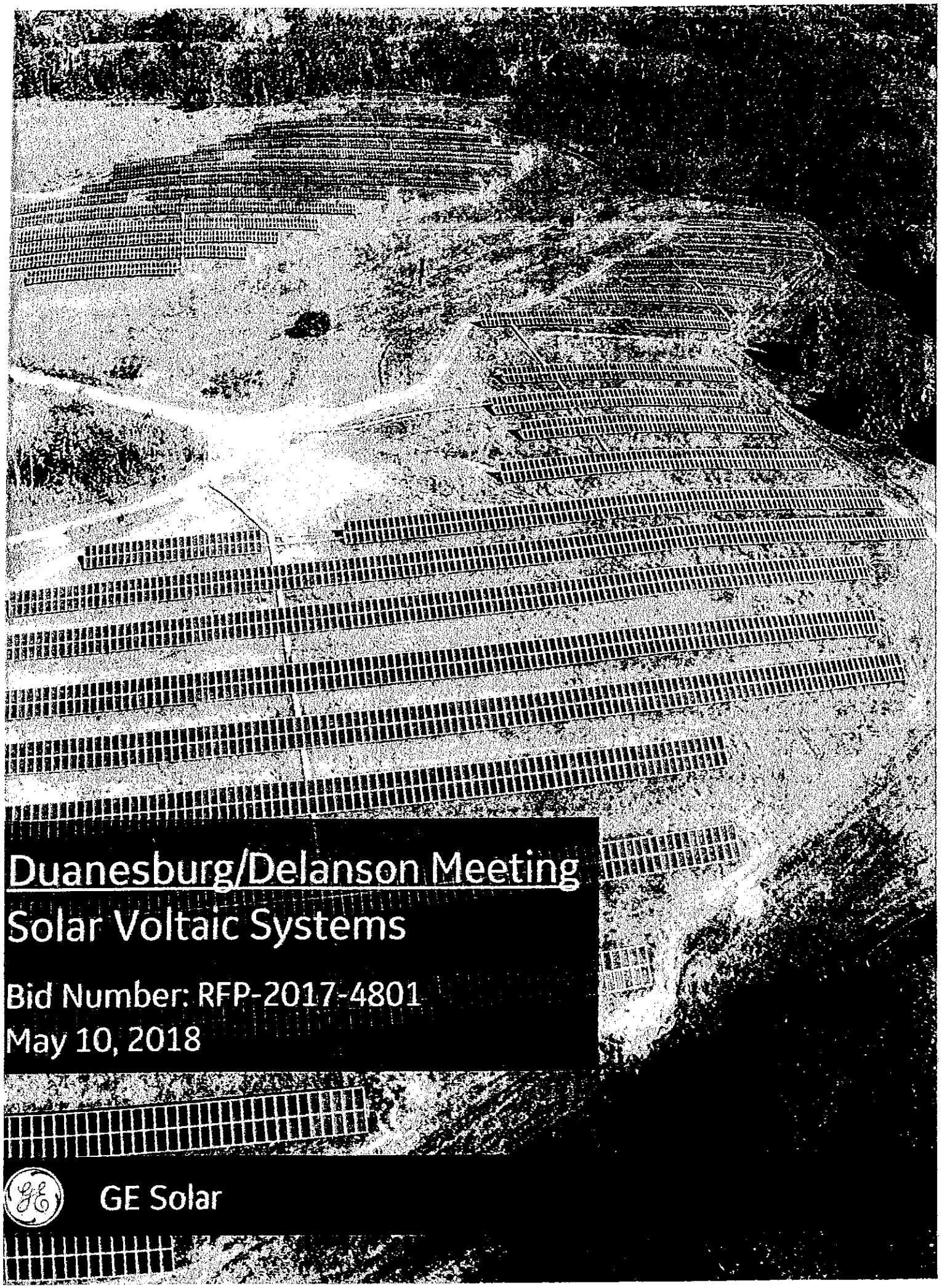
- GE to analyze all Schenectady County and Consortium Municipal utility accounts to determine the maximum monetary bill credit capacity across all Schenectady County utility accounts.

Step 2 – Utility Interconnection Applications

- GE to submit National Grid utility interconnection applications to determine basic site feasibility & system modification costs
- Prioritize potential project sites based on system modification costs details

Step 3 – Site Discovery and Engineering

- GE to perform engineering due diligence and site discovery to determine optimal engineering design and constructability.
- GE is prioritizing based on highest economic value to Schenectady County and is recommending a build out of systems from highest to lowest priority.



Duanesburg/Delanson Meeting

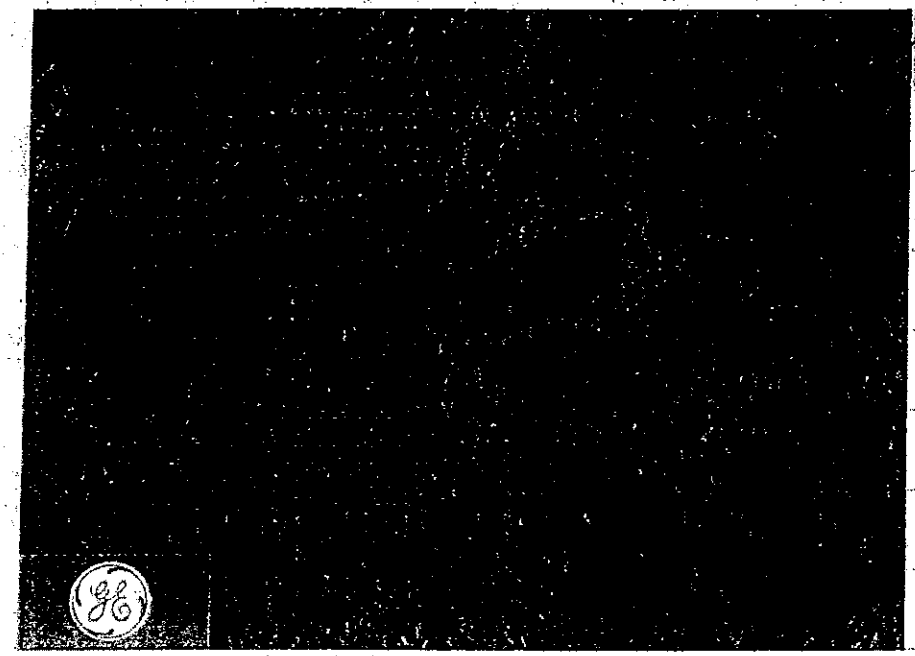
Solar Voltaic Systems

Bid Number: RFP-2017-4801

May 10, 2018

GE Solar

Proposed Project- Town of Duanesburg, N. Knight Rd. Reservoir (Parcel 1)



Key Project Statistics	
System Size(s)	2,950 kWdc
Configuration	groundmount
Module count	8,676
Inverter count	37
Incentive program	NYSERDA PBI
Carbon impact	2,664 MT
Operation(e)	Est. 3Q 2019

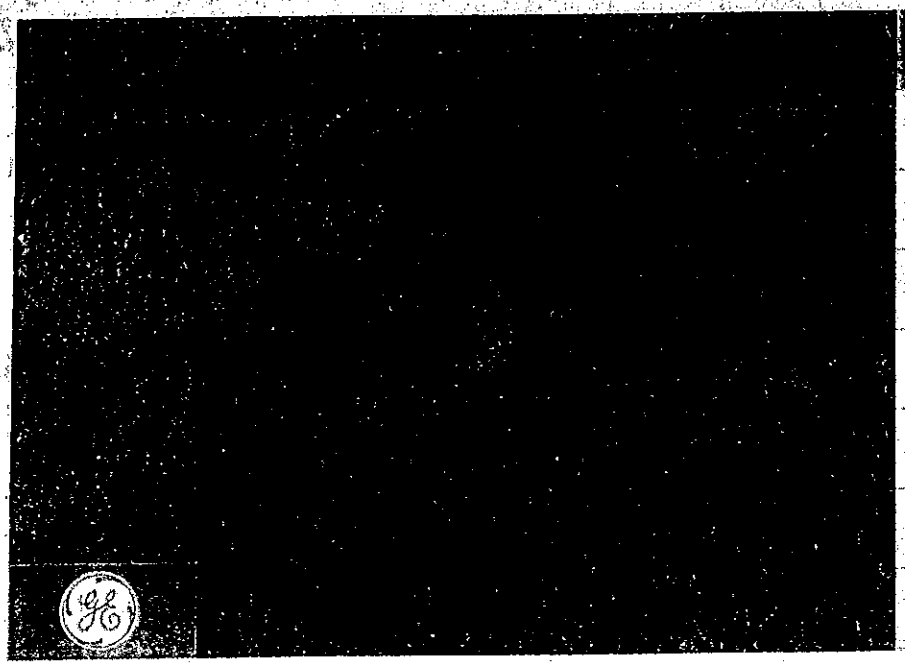
Design Summary

Item	Data
Year 1 AEP	3,579,926 kWh
Yield	1,214

Discussion

- Wetlands surrounding the site, which were avoided in the layout
- Pushed the array to the north side of the property to avoid the unfavorable terrain on the southern portion
- Significant tree removal

Proposed Project- Town of Duanesburg, N. Knight Rd. (Reservoir) Parcel 2



Key Project Statistics	
System Size(s)	2,993 kWdc
Configuration	groundmount
Module count	8,802
Inverter count	37
Incentive program	NYSERDA PBI
Carbon impact	2,696 MT
Operation(e)	Est. 3Q 2019

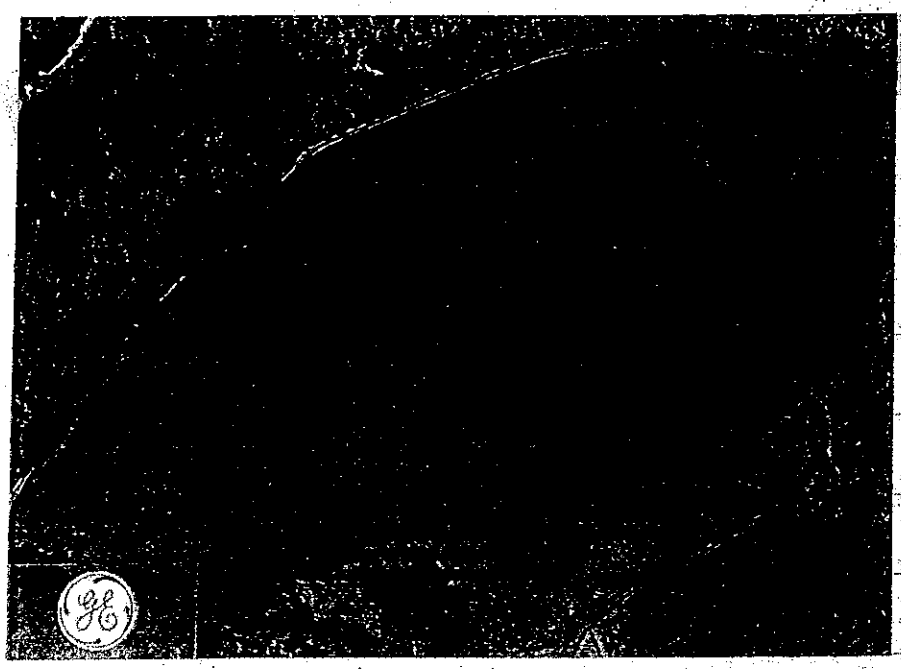
Design Summary

Item	Data
Year 1 AEP	3,622,040 kWh
Yield	1,210

Discussion

- Wetlands surrounding the site, which were avoided in the layout
- Pushed the array to the north side of the property to avoid the unfavorable terrain on the southern portion
- Significant tree removal

Proposed Project - Town of Duanesburg, Landfill



Key Project Statistics	
System Size(s)	3,568 kWdc
Configuration	groundmount
Module count	10,494
Inverter count	45
Incentive program	NYSERDA PBI
Carbon impact	3,221 MT
Operation(e)	Est. 3Q 2019

Design Summary

Item	Data
Year 1 AEP	4,327,935 kWh
Yield	1,213

Discussion

- Ballasted landfill site with cable tray
- Minor civil work required

Proposed Project- Town of Duanesburg, Water Supply (Main St.)

Key Project Statistics	
System Size(s)	741 kWdc
Configuration	groundmount
Module count	2,178
Inverter count	10
Incentive program	NYSERDA PBI
Carbon impact	693 MT
Operation(e)	Est. 3Q 2019

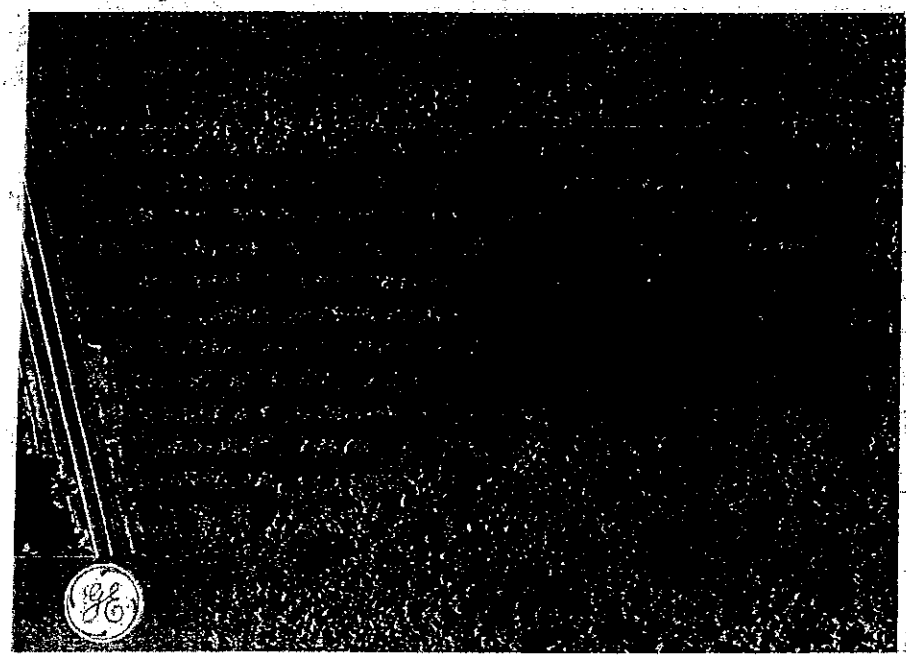
Design Summary

Item	Data
Year 1 AEP	931,722 kWh
Yield	1,258

Discussion

- System was designed to have a setback from the edge of the reservoir in order to protect the system from the water
- Point of interconnection was easily identified

Proposed Project- Town of Duanesburg, Western Turnpike



Key Project Statistics	
System Size(s)	1,053 kWdc
Configuration	groundmount
Module count	3096
Inverter count	13
Incentive program	NYSERDA PBI
Carbon impact	975 MT
Operation(e)	Est. 3Q 2019

Design Summary

Item	Data
Year 1 AEP	1,310,221 kWh
Yield	1,245

Discussion

- There may be a potential to expand the system upon site survey to identify wetland boundaries
- Slope taken into account
- Point of interconnection easily identified

Price Sheet for all Consortium Members

Project pricing and terms contained within this proposal are irrevocable for a period of 180 days from the Final RFP submission date.

	Phase 1	Phase 2

Total Number of Sites	Size (kw-dc)	Annual Energy Production (kwh)	Anticipated COD	Average PPA Rate	Annual Electric Bill Savings ($/yr)	25-year Electric Bill Savings	Alternative Land Lease ($/yr)	Alternative Land Lease ($
716	65,778	76,192,000	Q2 19 - Q4 20	$0.066	$ 3,087,716	$ 95,606,800	$ 757,776	$ 11,444

Category 1: Unbuilt Rural Site Applications (Ground Mount Systems)

Site	Size (kw-dc)	Annual Energy Production (kwh)	Anticipated COD	PPA Rate ($ / kwh)	Annual Electric Bill Savings ($/yr)	25-year Electric Bill Savings	Alternative Land Lease ($/yr)	Alternative 25 Land Lease ($/
Glenville- Vley Rd	3,329	4,155,607	Q2 2019	$0.0599	$ 258,055	$ 7,077,958	$ 33,293	$ 832,
Niskayuna Solar Farm	4,586	5,717,930	Q2 2019	$0.0599	$ 355,072	$ 9,738,954	$ 45,961	$ 1,149,
Rotterdam Rice Rd.	1,187	1,483,506	Q2 2019	$0.0599	$ 92,123	$ 2,526,754	$ 11,873	$ 296,
Glenville Van Buren	1,597	1,992,816	Q2 2019	$0.0599	$ 123,750	$ 3,394,226	$ 15,973	$ 399,
Schenectady Anthony St.	1,310	1,640,505	Q2 2019	$0.0599	$ 101,872	$ 2,794,159	$ 13,097	$ 327,
Rotterdam River Rd.	2,111	2,634,605	Q2 2019	$0.0599	$ 163,604	$ 4,487,340	$ 21,114	$ 527,
Duanesburg N. Knight Parcel 1	2,950	3,579,926	Q2 2019	$0.0599	$ 222,306	$ 6,097,439	$ 29,498	$ 737,
Duanesburg N. Knight Parcel 2	2,993	3,622,041	Q2 2019	$0.0599	$ 224,921	$ 6,169,171	$ 29,927	$ 748,
Niskayuna 1034 WTRY	1,457	1,812,689	Q2 2019	$0.0599	$ 112,564	$ 3,087,427	$ 14,566	$ 364,
	21,530	26,639,626		$0.0599	$ 1,654,267	$ 45,373,427	$ 215,302	$ 5,382,

Annual Electric Bill Savings assumes eligible $0.0331/kwh Community Solar Market Transition Credit based on sufficient SC2-ND bill capacity.
For Sites in Category 1, GE will absorb first $50,000 of utility-side interconnection upgrade costs.
For every incremental $50,000 of upgrade costs, PPA rate increases by $0.0035/kwh, or Alternative Lease Rate decreases by $3,400/MW/yr.

Category 2: Unbuilt Rural Landfill Sites (Ground Mount Systems)

Site	Size (kw-dc)	Annual Energy Production (kwh)	Anticipated COD	PPA Rate ($ / kwh)	Annual Electric Bill Savings ($/yr)	25-year Electric Bill Savings	Alternative Land Lease ($/yr)	Alternative 25 Land Lease ($/
Glenville Landfill	6,646	8,319,199	Q4 2019	$0.0599	$ 516,606	$ 14,169,514	$ 66,463	$ 1,661,
Rotterdam Landfill	6,622	8,254,786	Q4 2019	$0.0599	$ 512,606	$ 14,059,804	$ 66,218	$ 1,655,
Duanesburg Landfill	3,568	4,327,935	Q4 2019	$0.0599	$ 268,756	$ 7,371,472	$ 35,680	$ 891,
Schenectady Landfill	3,378	4,215,368	Q4 2019	$0.0599	$ 261,766	$ 7,179,744	$ 33,782	$ 844,
	20,214	25,117,288		$0.0599	$ 1,559,733	$ 42,780,535	$ 202,144	$ 5,053,

Annual Electric Bill Savings assumes eligible $0.0331/kwh Community Solar Market Transition Credit based on sufficient SC2-ND bill capacity.
For Sites in Category 2, GE will absorb first $50,000 of utility-side interconnection upgrade costs.
For every incremental $50,000 of upgrade costs, PPA rate increases by $0.0023/kwh, or Alternative Lease Rate decreases by $2,800/MW/yr.

Category 3: Unbuilt Rural Sites (Ground Mount Systems)

Site	Size (kw-dc)	Annual Energy Production (kwh)	Anticipated COD	PPA Rate ($ / kwh)	Annual Electric Bill Savings ($/yr)	25-year Electric Bill Savings	Alternative Land Lease ($/yr)	Alternative 25 Land Lease ($/
Rotterdam Altamont Ave	808	1,016,263	Q2 2020	$0.0677	$ 55,173	$ 1,520,312	$ 8,078	$ 201,
Duanesburg Main St.	741	931,722	Q2 2020	$0.0677	$ 50,583	$ 1,393,841	$ 7,405	$ 185,
Rotterdam Burdeck St.	704	880,595	Q2 2020	$0.0677	$ 47,807	$ 1,317,355	$ 7,038	$ 175,
Rotterdam Main St.	728	903,286	Q2 2020	$0.0677	$ 49,039	$ 1,351,301	$ 7,283	$ 182,
Duanesburg Western Turnpike	1,053	1,310,221	Q2 2020	$0.0677	$ 71,132	$ 1,960,069	$ 10,526	$ 263,
	4,033	5,042,086		$0.0677	$ 273,735	$ 7,542,878	$ 40,331	$ 1,008,

Annual Electric Bill Savings assumes eligible $0.0331/kwh Community Solar Market Transition Credit based on sufficient SC2-ND bill capacity.
For Sites in Category 3, GE will absorb first $50,000 of utility-side interconnection upgrade costs.
For every incremental $50,000 of upgrade costs, PPA rate increases by $0.0077/kwh, or Alternative Lease Rate decreases by $3,700/MW/yr

Monthly Report April 2018

Submitted by: Dale Warner 5/9/18

Completed DMR's 4/28/18
Attended 2.5 hour training of 10 hour course 4/11/18

SD#1

Plant:

1. Enter Monthly Data 4/3/18
2. Cut trees and branches clearing access Rd. 4/5/18
3. Cleaned office, Lab, Bathroom 4/6/18
4. Clean and Inspect UV system 4/11/18
5. Cleared brush and cut up trees from assess Rd. 4/12/18
6. Checked floats for backwash filters
7. Clean and inspect UV system 4/18/18
8. Turned off blower to Digester #1 4/23/18
9. Decant Digester #1 4/24/18
10. Cleaned office, lab, bathroom 4/27/18

Collection System:

1.

SD#2

Plant:

1. Cleaned office, Lab, Bathroom 4/3/18
2. Enter Monthly Data 4/3/18
3. Tightened Belt SBR#2 Blower 4/4/18
4. Cleaned office, lab, bathroom 4/13/18
5. Manually backwash filters in Disk filter 4/20/18
6. Repaired gutters on Office building 4/24/18

Collection System:

1. Lifted Manhole covers checking I&I 4/2/18
2. Pulled pump at 247 Hillside residential Grinder Pump changed cutter head 4/2/18
3. Lifted Manhole covers checking I&I 4/3/18
4. Lifted Manhole covers checking I&I 4/4/18
5. Lifted Manhole covers checking I&I 4/6/18
6. MH Cover hit by plow on Shore Rd. replaced by Sewer Dept. Temporarily 4/7/18
7. Repair MH riser and cover on Shore Rd. and cold patch 4/9/18
8. Repair MH riser and cover on S. Shore Rd. and cold patch around ring 4/10/18
9. 2147 Weast Rd. pump down residential basin to find problem. 4/13/18
10. 536 S. Shore Rd. Residential Grinder pump replaced alarm float. 4/14/18

11. 2147 Weast Rd. residential grinder pump pumped down and cleaned basin 4/19/18
12. 2147 Weast Rd. residential grinder pump replaced cover and repaired top of basin. 4/20/18
13. 2147 Weast Rd. residential grinder pump check valve inside and curb stop not working 4/21/18
14. 2147 Weast Rd. Residential Grinder Pump dug up curb stop bent and broken need new valve filled hole back in 4/24/18
15. S Shore Rd. Pump Station #2 Breaker tripped reset 4/24/18
16. 536 S Shore Rd. Residential Grinder Pump replace on float 4/26/18
17. 278 S Shore Rd. Residential Grinder Pump replace check valve 4/26/18
18. 320 S Shore Rd. Residential Grinder Pump pipe is cracked near check valve 4/26/18

SD#3

Collection System:

1. First permit was issued 3/30/18 currently 30 permits issued and 8 connected 5/9/18