

Members Attending: H. Stewart, T. Anderson, D. LeFeber, D. Kriewall, F. Miller, S. Beardsley

Excused Absent: P. Brooks

Others attending: J. Campbell, M. Kosakowski, R. Lewis, C. VanHorne

**Financial Report** – R. Lewis reviewed the Financial Report (on file with secretary). R. Lewis stated that a portion of the Main pump repair project shown on the Work in Progress "WHIP" report has been moved to fixed assets upon recommendation of Bonadio Group. That change will show in next month's reports. The work that was completed is in service at this time. The Board discussed the low unallocated cash balance for the month of January. R. Lewis stated that this is due to two main factors: one, this is not a billing month; two, the large commitment of funds to the projects on the WHIP report, which have not had a lot of activity over the last year. M. Kosakowski stated that the main pump repair project was a go for the pump rebuild portion, but because the Board directed to look again at consolidation with the Village of Avon, the project had been stopped. R. Lewis stated that maybe the Board would want to unallocated funds for projects that have stalled, if funds need to be redirected for other purposes. R. Lewis also discussed with the Board a customer request for a refund of \$49.74. R. Lewis stated that this refund was due to the account balance being relieved on the property taxes, and then the customer paying in October of 2016. The new credit on the account paid for the November and February bills leaving a \$49.74 credit remaining on the account. The consensus of the Board was to refund the customer, recognizing the accounting issues that may occur. Lastly, R. Lewis questioned the Board if they want the auditors to meet with the Finance and Audit committee, or the Board as a whole. The consensus of the Board was to meet with the auditors as a committee of the whole Board.

***Motion: D. Kriewall moved and F. Miller seconded to approve the Financial Report as presented. Carried unanimously.***

**Operation Report** – M. Kosakowski reviewed the operations report (on file with the Secretary). The Board questioned the use of Morsch Pipeline for hydrant replacement? M. Kosakowski stated it was a timing issue.

**Capital report** – M. Kosakowski reviewed the capital report (on file with the Secretary). The following items were further discussed by the Board.

1. DOCCS project
  - a. The Board requested that E. Wies provide a written update on Schedule and DOCCS project financing by Monday via email.
  - b. J. Campbell reviewed the Farm agreement. The Board discussed the business terms of the agreement. The consensus of the Board was to provide comments to J. Campbell within a week, in order to get the agreement to the Farmers as soon as possible.

2. Solar Project- C. VanHorne reviewed the requested purchase power agreement changes with the Board (memo on file with the Secretary). The Board felt that the change in the projected revenue was too risky a business proposition for the Board to be comfortable with.

***Motion: T. Anderson moved and D. LeFeber seconded to not accept the proposed amendment to the purchase power agreement from SolarCity. Carried unanimously.***

N. Mazza entered.

**Succession Plan** – C. VanHorne noted the HealthCare proposals from Paychex in the Board packets. The consensus of the Board is to have the succession team (N. Mazza, J. Campbell, B. Centrone and C. VanHorne) develop a Benefit proposal for the Board’s review.

**Minutes** – dated January 25, 2017

***Motion: F. Miller moved and T. Anderson seconded to approve Board minutes dated January 25, 2017. Carried unanimously.***

**Bills:** R. Lewis reviewed the monthly bills.

***Motion: T. Anderson moved and S. Beardsley seconded to approve paying the bills for Operating Expenditures in an amount not to exceed \$107,993.69. Carried unanimously.***

***Motion: S. Beardsley moved and D. Kriewall seconded to approve paying the bills for Utilities in an amount not to exceed \$25,732.56, Commodity in an amount not to exceed \$31,372.93, and for miscellaneous expense in an amount not to exceed \$33,116.24. Carried unanimously.***

**Communications:** none

**Interviews** – The Board interviewed three candidates for the Executive Director Position.

**Executive session**

***Motion: F. Miller moved and D. LeFeber seconded that the Board adjourn and reconvene in Executive Session for the medical, financial, credit, or employment history of a particular person or corporation, or matters leading to the appointment, employment, promotion, demotion, discipline, suspension, dismissal or removal of a particular person or corporation, and that H. Stewart act as Chairman, with D. Mazza and J. Campbell remaining present. Carried unanimously.***

The Board reconvened in regular session. The following report was presented. The Board having met in executive session for the purpose of discussing the medical, financial, credit, or employment history of a particular person or corporation, or matters leading to the appointment, employment, promotion, demotion, discipline, suspension, dismissal or removal of a particular person or corporation, hereby report as follows: No action taken.

***Motion: D. LeFeber moved and F. Miller seconded that the Report of Executive Session be accepted. Carried unanimously.***

**Adjourn: Motion: S. Beardsley moved and D. LeFeber seconded to adjourn the board meeting.  
Carried unanimously.**

(1)

**Board Financial Report**  
**January 2017**

**Balance Sheet**

Assets

**Operating Cash (Operating Checking Account, General Reserve MM) page 4**  
 (Full Year Report Attached)

	Dec-16	Jan-17
	Actual	Actual
Cash on hand 1st of each month	\$ 2,321	\$ 2,447
<b>Cash Received</b>		
Customer Billing	280	29
Miscellaneous	2	
Debt/Project Related		
Grant/Contributions		
Billing Services/O & M Services		
Relevy		
DOCCS		
<b>Cash Balance before expenditures</b>	<b>\$ 2,603</b>	<b>\$ 2,476</b>
Utility Vouchers	52	37
Operating Vouchers	104	130
Grant Vouchers		
Project Vouchers		27
<b>Cash Balance after expenditures</b>	<b>\$ 2,447</b>	<b>\$ 2,282</b>
Reserve Projects in Progress Budget Bal + Retainage	1042	1916
DOCCS Receivable		
<b>Unallocated Cash Balance</b>	<b>\$ 1,405</b>	<b>\$ 366</b>

See Work In Progress

Minimum balance \$472,000 to cover 2months budgeted expenses, or emergency expenses

Debt Reserve Bank Balance \$675,735 page 5a

DOCCS Bank Balance \$1,278,343 page 6

Unallocated Balance much lower than previous-updated the WIP for approved projects. Will even out and increase throughout the year.

**Work-In-Progress (WIP Report Attached)**

Current Budget \$2,419,712 (increased \$900,726 for approved 2017 projects)  
Expenditures to Date \$ 503,509

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Balance \$1,916,202 page 7

**Accounts Receivable, Page 5b**

	Service Fees	Debt	Relevy	Other	Total
Beginning Balance January	\$ 88,707	\$ 11,535	\$ 273,832	\$ 7,464	\$ 381,538
January Billing	\$ 14,956				\$ 14,956
Collected	\$ 23,688	\$ 1,301	\$ 257		\$ 25,246
Billing				\$ -	\$ -
Ending Balance January	\$ 79,975	\$ 10,234	\$ 273,575	\$ 7,464	\$ 371,248

**Capital Contributions Receivable (Current + Non-Current) – (No Significant Change)**

As the Village of Geneseo's Supplemental water project debt decreases, the amount of principal paid is higher resulting in the lower principal balance due. This debt is currently paid quarterly to the Authority for a total collection of \$52,800 (principal & interest). Unless paid off early, this collection will continue until 2027. Each year this activity reduces Net Position by approx \$40,000.

**Property & Equipment (net depreciation) –**

Decrease is the cumulative effect of fully depreciating the Conesus Sewer District Assets. Most of that effect is completed for the 20-year depreciation assets. The next "chunk" will be in another 7 years, then 7 years after that the pipelines & other major infrastructure will also be fully depreciated.

**LIABILITIES page 5c**

*Payables* are consistent with last year.

**Statement of Revenues & Expenditures page 8**

**Revenues (January is a non-billing month)**

January Revenue is comparable to same time last year

**Expenses: page 8**

January expenses are up from same time last year, but on track to meet budgeted amounts.

Other: customer #13584 refund of overpayment-\$49.74 p. 9

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Other: Audit presented to Audited Committee only or to the Board as a whole?

Jan-17

	Jan-16	Feb-16	16-Mar	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Estim	Estim
Cash on hand 1st of each month	\$ 4,081	\$ 3,950	\$ 3,961	\$ 3,944	\$ 3,949	\$ 4,207	\$ 4,192	\$ 2,375	\$ 2,628	\$ 2,437	\$ 2,319	\$ 2,321	\$ 2,447	\$ 2,282	\$ 2,424
<b>Cash Received</b>															
Customer Billing	23	322	246	30	382	188	47	436	189	51	390	280	29		
Miscellaneous					17	12			0.5	33		2			
Debt/Project Related	19														
Grant/Contributions	15	13			13		15	13			13				
Billing Services/O & M Services		27			44	7			35		35				
Relevy				248											
DOCC'S															
<b>Estimated Cash Receipts</b>															
Cash Receipts														372	250
Debt/Grant/Contrib Receipts							0								
Cash Balance before expenditures	\$ 4,138	\$ 4,312	\$ 4,207	\$ 4,222	\$ 4,405	\$ 4,414	\$ 4,254	\$ 2,824	\$ 2,853	\$ 2,521	\$ 2,757	\$ 2,603	\$ 2,476	\$ 2,654	\$ 2,674
Utility Vouchers	66	74	81	67	71	60	72	81	51	62	84	52	37		
Operating Vouchers	83	143	125	204	117	112	118	115	362	124	145	104	130		
Grant Vouchers		4													
Project Vouchers	39	130	57	2	10	50	23		3	16	207		27		
<b>Estimated Expenditures</b>															
Utilities														70	70
Operating														150	135
Projects														10	10
Cash Balance after expenditures	\$ 3,950	\$ 3,961	\$ 3,944	\$ 3,949	\$ 4,207	\$ 4,192	\$ 4,041	\$ 2,628	\$ 2,437	\$ 2,319	\$ 2,321	\$ 2,447	\$ 2,282	\$ 2,424	\$ 2,459
Reserve Projects in Progress Budget Bal + Equipment to Purcase	9023	8767	8725	8723	8758	8705	8678	1365	1321	1305	1040	1042	1916	1906	1896
DOCCS Receivable	5625	5625	5625	5625	5625	5625	5625								
Unallocated Cash Balance	\$ 552	\$ 819	\$ 844	\$ 851	\$ 1,074	\$ 1,112	\$ 988	\$ 1,263	\$ 1,116	\$ 1,014	\$ 1,281	\$ 1,405	\$ 366	\$ 518	\$ 563

10% of 2017 Budget Expenditures = \$283,569

2 months budgeted expenditures = \$472,000

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Livingston County WSA

Balance Sheet

As of 1/31/2017

(In Whole Numbers)

	<u>Current Year</u>	<u>Prior Year</u>	<u>Current Year Change</u>	<u>Beginning Year Ba...</u>	<u>YTD Change</u>
<b>CURRENT ASSETS</b>					
Operating Cash	2,282,966	2,118,323	164,642	2,064,785	218,181
Debt Reserve	675,735 <sup>a</sup>	602,494	73,242	593,626	82,109
Accounts Receivable	371,246 <sup>b</sup>	396,792	(25,546)	818,290	(447,044)
Capital Contributions Receivable	34,050	32,560	1,490	31,135	2,915
Inventory	8,988	8,475	513	9,591	(603)
Prepaid Expenses	45,855	42,823	3,032	61,091	(15,236)
Funds held for Others	38,629	31,693	6,937	30,121	8,508
<b>Total CURRENT ASSETS</b>	<b>3,457,470</b>	<b>3,233,160</b>	<b>224,310</b>	<b>3,608,640</b>	<b>(151,170)</b>
<b>Total Current Assets</b>	<b>3,457,470</b>	<b>3,233,160</b>	<b>224,310</b>	<b>3,608,640</b>	<b>(151,170)</b>
<b>NON-CURRENT ASSETS</b>					
Restricted Cash	1,456,070	2,011,528	(555,458)	257,725	1,198,345
Capital Contrib Receivable, net current	395,266	429,316	(34,050)	461,876	(66,610)
Property & Equipment, Net Deprec	23,306,806	23,815,014	(508,208)	24,060,346	(753,541)
Work-In-Progress	1,100,774	414,436	686,338	864,488	236,286
<b>Total NON-CURRENT ASSETS</b>	<b>26,258,916</b>	<b>26,670,294</b>	<b>(411,378)</b>	<b>25,644,436</b>	<b>614,481</b>
<b>Total Non-Current Assets</b>	<b>26,258,916</b>	<b>26,670,294</b>	<b>(411,378)</b>	<b>25,644,436</b>	<b>614,481</b>
<b>TOTAL ASSETS</b>	<b>29,716,386</b>	<b>29,903,454</b>	<b>(187,068)</b>	<b>29,253,075</b>	<b>463,311</b>
<b>CURRENT LIABILITIES</b>					
Accounts Payable	95,104	44,259	50,845	162,682	(67,578)
Current Portion Loans Payable	146,725	146,725	0	144,417	2,308
Other Current Liabilities	1,294,782	1,851,329	(556,547)	172,199	1,122,583
Funds held for others	38,504	31,695	6,808	30,123	8,381
<b>Total CURRENT LIABILITIES</b> <sup>c</sup>	<b>1,575,115</b>	<b>2,074,009</b>	<b>(498,894)</b>	<b>509,422</b>	<b>1,065,694</b>
<b>Total Current Liabilities</b>	<b>(1,575,115)</b>	<b>(2,074,009)</b>	<b>498,894</b>	<b>(509,422)</b>	<b>(1,065,694)</b>
<b>NON-CURRENT LIABILITIES</b>					
System Revenue Notes Payable	4,189,675	4,336,400	(146,725)	4,485,433	(295,758)
<b>Total NON-CURRENT LIABILITIES</b>	<b>4,189,675</b>	<b>4,336,400</b>	<b>(146,725)</b>	<b>4,485,433</b>	<b>(295,758)</b>
<b>Retained Earnings &amp; Net Position</b>					
Retained Earnings	(24,258,652)	(24,701,841)	443,189	(24,258,221)	(431)
Net Income	307,056	1,208,795	(901,739)	0	307,056
<b>Total Retained Earnings &amp; Net Position</b>	<b>(23,951,596)</b>	<b>(23,493,045)</b>	<b>(458,551)</b>	<b>(24,258,221)</b>	<b>306,625</b>
<b>TOTAL NET POSITION</b>	<b>29,716,386</b>	<b>29,903,454</b>	<b>(187,068)</b>	<b>29,253,075</b>	<b>463,311</b>





## DOCCS Bank Account

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Date	Description	Deposit	Transfer to Reserve	Interest	Balance
11/19/2015	deposit Ck #04073239	\$1,875,000.00			\$ 1,875,000.00
11/30/2015	interest			\$ 15.41	\$ 1,875,015.41
12/16/2015	Vouchers Paid Expensed Previoulsy pd before receiveing DOCCS money-need to		\$ 5,080.00		\$ 1,869,935.41
12/31/2015	transfer to reserve		\$ 36,225.09		\$ 1,833,710.32
12/30/2015	interest			\$ 47.71	\$ 1,833,758.03
1/31/2016	interest			\$ 43.70	\$ 1,833,801.73
2/23/2016	Vouchers Paid				\$ 1,833,801.73
2/29/2016	bank interest		\$ 77,640.00		\$ 1,756,161.73
3/23/2016	Vouchers Paid			\$ 46.34	\$ 1,756,208.07
	Clark Paterson		\$ 26,230.00		\$ 1,756,208.07
	Tom Wamp		\$ 200.00		\$ 1,729,978.07
3/31/2016	bank interest			\$ 44.58	\$ 1,729,778.07
4/24/2016	Vouchers Paid				\$ 1,729,822.65
	Tom Wamp		\$ 200.00		\$ 1,729,822.65
4/30/2016	bank interest			\$ 41.23	\$ 1,729,622.65
5/25/2016	Vouchers Paid	\$ -	\$ -	\$ -	\$ 1,729,663.88
	Gregory De Le Fleur		\$ 100.00		\$ 1,729,663.88
	Kruck & Campbell		\$ 2,240.00		\$ 1,729,563.88
5/31/2016	bank interest			\$ 45.47	\$ 1,727,323.88
6/22/2016	Vouchers Paid				\$ 1,727,369.35
	Clark Paterson		\$ 49,900.00		\$ 1,727,369.35
6/30/2016	bank interest			\$ 42.27	\$ 1,677,469.35
7/14/2015	Voucher Paid				\$ 1,677,511.62
	CNY Pomeroy Appraisers		\$ 3,300.00		\$ 1,677,511.62
7/27/2016	Voucher Paid				\$ 1,674,211.62
	Kruck & Campbell		\$ 1,560.00		\$ 1,674,211.62
7/31/2016	bank interest			\$ 39.94	\$ 1,672,651.62
8/31/2016	bank interest			\$ 45.37	\$ 1,672,691.56
9/28/2016	Vouchers Paid				\$ 1,672,736.93
	CNY Pomeroy Appraisers		\$ 3,300.00		\$ 1,672,736.93
	Genesee Country Express		\$ 99.71		\$ 1,669,436.93
	Johnson Newspaper		\$ 107.11		\$ 1,669,337.22
9/30/2016	Vouchers Paid				\$ 1,669,230.11
	Genesee & Wyoming Railroad		\$ 3,000.00		\$ 1,669,230.11
9/30/2016	bank interest			\$ 41.24	\$ 1,666,230.11
10/26/2016	Vouchers Paid				\$ 1,666,271.35
	Clark Paterson Lee		\$ 105,365.00		\$ 1,666,271.35
	Kruck & Campbell		\$ 1,300.00		\$ 1,560,906.35
10/31/2016	bank interest			\$ 42.01	\$ 1,559,606.35
11/8/2016	Voucher Paid				\$ 1,559,648.36
	Genesee & Wyoming Railroad		\$ 1,000.00		\$ 1,559,648.36
11/30/2016	Vouchers Paid				\$ 1,558,648.36
	NYS DEC		\$ 110.00		\$ 1,558,648.36
11/30/2016	bank interest			\$ 38.44	\$ 1,558,538.36
					\$ 1,558,576.80

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12/13/2016 Voucher Paid				\$	1,558,576.80		
	Philip Livingston (deposit)	\$	2,000.00	\$	1,556,576.80		
12/21/2016 Voucher Paid				\$	1,556,576.80		
	Blue Heron	\$	136,710.94	\$	1,419,865.86		
	Kruck & Campbell	\$	4,120.00	\$	1,415,745.86		
12/31/2016	bank interest			\$	37.36	\$	1,415,783.22
1/25/2017 Voucher Paid				\$	1,415,783.22		
	Blue Herron	\$	137,477.23	\$	1,278,305.99		
1/31/2017	bank interest			\$	36.56	\$	1,278,342.55

## Capital Projects In Progress Report

1/31/2017

Project Code	Project Name	Expenditures To Date	Budget	Budget Balance	Service Area	Funding	Financing	Date Began
<b>DEBT &amp; REIMBURSABLE PROJECTS</b>								
31085	DOCCS Water Supply Project	597,265.08	7,500,000.00	6,902,734.92	33-WR	Prison Project w/b paying for this!		10/26/2011
<b>Total DOCCS Project</b>		<b>597,265.08</b>	<b>7,500,000.00</b>	<b>6,902,734.92</b>				
<b>GENERAL RESERVE PROJECTS</b>								
31040	Main Pump: motor, electrical, ventilation	107,047.89	389,160.82	282,112.93	32-SLV	Reserve		1/1/2012
31043-5	Scada System Upgrade	83,206.30	86,700.00	3,493.70	33-WR	Reserve		1/1/2015
31080-3	Collection System-Inflow & Infiltration repairs	284,825.08	375,325.00	90,499.92	33-SL	Reserve		1/1/2014
31103	Alternate Water Supply Project-DOCCS	540.00	405,400.00	404,860.00	33-WR	Reserve		1/1/2014
31104	Lake Forest Water Main	3,039.60	102,000.00	98,960.40	33WR	Reserve		1/1/2014
31105	Slagel Park Water System Upgrade (Pine Tree)	3,033.35	120,400.00	117,366.65	33WR	Reserve		1/1/2014
31111	Technology Upgrades	21,816.71	30,000.00	8,183.29	31WS	Reserve		9/23/2015
31112	Adams/Clay St-PS Upgrades	-	90,000.00	90,000.00	33SL	Reserve		1/1/2016
31113	Inline Gate Valve Install	-	30,400.00	30,400.00	33WR	Reserve		1/1/2017
31114	Automatic Flusher	-	12,400.00	12,400.00	33WB	Reserve		1/1/2017
31115	Roof Replacement Lakeville Plant	-	57,700.00	57,700.00	32SLV	Reserve		1/1/2017
31116	Digester cover Inspection & Rehab	-	49,900.00	49,900.00	32SLV	Reserve		1/1/2017
31117	Upsize Farms-DOCCS	-	605,325.00	605,325.00	33WR	Reserve		1/1/2017
31118	Jet Mixer	-	65,000.00	65,000.00	32SLV	Reserve		1/1/2017
<b>Total Reserve Projects</b>		<b>503,508.93</b>	<b>2,419,710.82</b>	<b>1,916,201.89</b>				

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Livingston County WSA  
Statement of Revenues and Expenditures - Unposted Transactions Included In Report  
From 1/1/2017 Through 1/31/2017  
(In Whole Numbers)

	YTD Actual	YTD Last Year Actual	Current Year Change	Current Year % Change	Total Budget	Total Budget Variance	Percent Total Budget Remaining - Original
<b>OPERATING REVENUE</b>							
Retail Fees	2,104,051	2,035,978	68,074	3.34	2,500,453	(396,402)	(16)%
Wholesale Fees	200,416	178,758	21,658	12.12	189,500	10,916	6 %
Permit Fees	72,311	65,325	6,986	10.69	39,000	33,311	85 %
O&M Services	150,328	139,744	10,584	7.57	150,229	99	0 %
Other Income	68,242	65,599	2,642	4.03	64,193	4,049	6 %
Total OPERATING REVENUE	2,595,348	2,485,404	109,944	4.42	2,943,375	(348,027)	(12)%
<b>OPERATING EXPENSE</b>							
Wages	537,385	529,461	7,924	1.50	586,269	48,884	8 %
Overtime	26,351	23,244	3,107	13.37	28,408	2,057	7 %
Fringes	388,548	378,813	9,735	2.57	407,690	19,142	5 %
Professional Services	303,043	238,907	64,136	26.85	300,690	(2,353)	(1)%
Utilities	269,705	278,399	(8,693)	(3.12)	298,541	28,836	10 %
Vehicle Expense	21,427	25,977	(4,550)	(17.51)	36,200	14,773	41 %
Equipment Expense	22,814	31,136	(8,322)	(26.73)	67,441	44,627	66 %
Building Expense	333,835	333,588	246	0.07	346,847	13,012	4 %
Purchased Water/Sewer	507,698	542,013	(34,315)	(6.33)	528,900	21,202	4 %
Customer Installations	23,335	35,996	(12,661)	(35.17)	24,320	985	4 %
Permits, Inspections	12,038	11,633	405	3.48	16,755	4,717	28 %
Other Expenses	32,677	30,064	2,612	8.69	28,333	(4,344)	(15)%
Total OPERATING EXPENSE	2,478,856	2,459,231	19,626	0.80	2,670,394	191,538	7 %
GAIN/LOSS BEF DEPRECIATION	116,491	26,173	90,318	345.08	272,981	(156,490)	(57)%
<b>DEPRECIATION EXPENSE</b>							
	(1,056,286)	(1,035,580)	(20,706)	2.00	0	(1,056,286)	0 %
<b>NON-OPERATING REVENUE/EXPENSE</b>							
Non-Operating Income	268,720	258,916	9,805	3.79	284,440	(15,720)	(6)%
Non-Operating Expense	(46,284)	(74,469)	28,184	(37.85)	(78,455)	32,171	(41)%
Grant Expense	(5,075)	(43,722)	38,647	(88.39)	0	(5,075)	0 %
Total NON-OPERATING REVENUE/EXPEN...	217,361	140,725	76,636	54.46	205,985	11,376	6 %
NET GAIN/LOSS BEF CONTRIB	(722,434)	(868,682)	146,248	(16.84)	478,966	(1,201,400)	(251)%
<b>CAPITAL CONTRIBUTIONS</b>							
Grant & Donation Revenue	14,904	59,470	(44,566)	(74.94)	0	14,904	0 %
Capital Contributions	662,600	43,605	618,995	1,419.55	0	662,600	0 %
Total CAPITAL CONTRIBUTIONS	677,504	103,075	574,429	557.29	0	677,504	0 %
CHANGE IN NET ASSETS	(44,929)	(765,607)	720,677	(94.13)	478,966	(523,895)	(109)%



# OPERATIONS REPORT

Feb 2017

<b>Water and Sewer Work Program 2017</b>	
Customer work orders	27 customer workorders completed - down 9 from last month.
UFPO	30 UFPOs were completed - up 7 from last month.
Sampling testing	All sampling and testing completed. 1st quarter TTHM and HAA samples were taken.
PM Maintenance	All PM maintenance completed.
Boiler Maintenance	LMC has completed the semi annual maintenance on the boilers. The Digester boiler needed a new circulating pump which was replaced.
Generator Battery replacement	Staff is working on the battery and block heater replacement on units that came due in the Preventative Maintenance for 2017.
<b>Water Work Program</b>	
New water connections	Fineline Pipeline did a new 4" tap for the Livonia Library.
Hydrant repair or replacement	Morsch Pipeline replaced two hydrants and repaired a hydrant valve.
Flushing	Staff did flushing before taking their TTHM and HAA samples.
Valve maintenance	Staff replaced a check valve at the Witt Pit, East Lake Rd water vault
Water inspections	Staff completed 1 water inspection
<b>Sewer Work Program</b>	
New Sewer Connection	Staff completed one sewer inspection.
Sewer Lateral repair	Morsch Pipeline repaired a lateral connection at the main, and installed a cleanout on Washington St in the Village of Livonia.
Wet wells manholes maintenance	O'Brien's cleaned Adams Rd and Livonia Center wet wells.
Sewer Cleaning and televising	Staff is working on cleaning and televising the north side of the Village of Livonia.
<b>Personnel</b>	
New Personnel	James Cucinotta started on Monday 2/13/17 as our new water/wastewater maintenance person.

**CAPITAL PROJECTS REPORT -February**

<b>31085 – DOCCS WSP</b>	
2/22/2017	On February 7, 2017, a construction meeting was held. Next meeting is February 21 at 8:30 am. The main on Big Tree has been pressure tested and chlorinated. Health samples were taken and passed. The main was put into service on 2/2/17. All road bores and directional drilling have been completed on the section from Rowland Rd to McGinty Rd. Between the HDPE pipe and PVC, about 3300ft has been installed. The electric request for the vault has been submitted to National Grid. They have around 5000ft of pipe left to finish. J. Campbell will have the Farm Agreement for the Board to review at the meeting. Purchase contract has been forwarded to the Barber Farms. Awaiting response. Groveland Pipeline design is under permitting. Attached is the project, broken up by contract.
<b>31080 Collection System - Inflow and Infiltration repairs</b>	
2/22/2017	Sewer Specialties came in and grouted the laterals where Skanex installed the Cured in Place liner on West Lake Rd. They also grouted one lateral on Main St in the Village of Livonia. This completes 2016s inflow and infiltration project.
<b>31112 Adams/ Clay St. PS upgrades</b>	
2/22/2017	Siewert Equipment and staff installed the wet well mixer in the Adams Rd wet well. At this time it seems to be working very well. This is a 90 day trial period.
<b>Solar Array</b>	
2/22/2017	Please see attached memo.
<b>Wastewater Treatment Plant upgrades</b>	
2/22/2017	Meeting dates for the week of the 20th have been circulated to the Village of Avon. The Village contacted J. Campbell stating they were willing to look at a lease or sale of the waste water treatment plant.



DOCCS Water Supply			PRELIMINARY ESTIMATE			OVERALL ESTIMATE W/ FARMS (DOCCS + 400,000 GAL)			CONTRACT 1 (Big Tree & Rt 15 WM)			CONTRACT 2 (Groveland WM)			CONTRACT 3 (Water Storage Tanks)			CONTRACT 4 (Pump Stations)			CONTRACT 5 (Electrical)					
ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	TOTAL	ESTIMATED QUANTITY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL	QTY	UNIT PRICE	TOTAL			
1	Maintenance and Protection of Traffic Including Signs and Flagmen Meeting NYSDOT Requirements (2%)	LS	1	\$ 89,000	\$ 89,000	1	\$ 98,000	\$ 98,000	1	\$ 30,000	\$ 30,000	1	\$ 68,000	\$ 68,000	1	\$ -	\$ -	1	\$ -	\$ -	1	\$ -	\$ -			
2	Mobilization & Bonds (2%)	LS	1	\$ 116,000	\$ 116,000	1	\$ 145,000	\$ 145,000	1	\$ 20,500	\$ 20,500	1	\$ 83,000	\$ 83,000	1	\$ 13,500	\$ 13,500	1	\$ 23,800	\$ 23,800	1	\$ 4,200	\$ 4,200			
3	Furnish and Install 16" Diameter Water Main -NYS Route 20A Water Main (PVC)	LF	5,200	\$ 65	\$ 338,000	5,200	\$ 60	\$ 312,000	5200	\$ 60	\$ 312,000	0	\$ 60	\$ -	0	\$ 60	\$ -	0	\$ 60	\$ -	0	\$ 60	\$ -			
4	Furnish and Install 16" In-Line Gate Valves Complete	EA	5	\$ 8,000	\$ 40,000	5	\$ 8,000	\$ 40,000	5	\$ 8,000	\$ 40,000	0	\$ 8,000	\$ -	0	\$ 8,000	\$ -	0	\$ 8,000	\$ -	0	\$ 8,000	\$ -			
5	Furnish and Install 12" Diameter Water Main -NYS Route 15 Water Main (PVC)	LF	63,900	\$ 45	\$ 2,875,500	10,500	\$ 40	\$ 420,000	10500	\$ 40	\$ 420,000	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -			
	-Maple Beach Road Water Main (DIP)	LF				3,300	\$ 50	\$ 165,000	0	\$ 50	\$ -	3300	\$ 50	\$ 165,000	0	\$ 50	\$ -	0	\$ 50	\$ -	0	\$ 50	\$ -	0	\$ 50	\$ -
	- Upsize of WM from 12" to 16" on Maple Beach Rd (farms)	LF				3,300	\$ 30	\$ 99,000	0	\$ 30	\$ -	3300	\$ 30	\$ 99,000	0	\$ 30	\$ -	0	\$ 30	\$ -	0	\$ 30	\$ -	0	\$ 30	\$ -
	-Groveland Water Main (PVC)	LF				49,890	\$ 40	\$ 1,995,600	0	\$ 40	\$ -	49890	\$ 40	\$ 1,995,600	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -
	-NYS Route 63 at Groveland CF WTP	LF				2,100	\$ 40	\$ 84,000	0	\$ 40	\$ -	2100	\$ 40	\$ 84,000	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -
	-DeCola Shores WM	LF				2,350	\$ 70	\$ 164,500	0	\$ 70	\$ -	2350	\$ 70	\$ 164,500	0	\$ 70	\$ -	0	\$ 70	\$ -	0	\$ 70	\$ -	0	\$ 70	\$ -
	-Groveland Water Storage Tank Water Main (PVC)	LF				5,000	\$ 40	\$ 200,000	0	\$ 40	\$ -	5000	\$ 40	\$ 200,000	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -
	-Groveland Water Storage Tank Water Main (PVC)	LF				5,000	\$ 40	\$ 200,000	0	\$ 40	\$ -	5000	\$ 40	\$ 200,000	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -	0	\$ 40	\$ -
6	Furnish and Install 12" In-Line Gate Valves Complete - Upsize of gate valves from 12" to 16" (farms)	EA	68	\$ 2,500	\$ 170,000	70	\$ 2,500	\$ 175,000	13	\$ 2,500	\$ 32,500	57	\$ 2,500	\$ 142,500	0	\$ 2,500	\$ -	0	\$ 2,500	\$ -	0	\$ 2,500	\$ -			
7	Furnish and Install Hydrant Assemblies	EA	82	\$ 4,200	\$ 344,400	100	\$ 4,200	\$ 420,000	19	\$ 4,200	\$ 79,800	81	\$ 4,200	\$ 340,200	0	\$ 4,200	\$ -	0	\$ 4,200	\$ -	0	\$ 4,200	\$ -			
8	Connection to Existing Main	EA	7	\$ 5,000	\$ 35,000	10	\$ 5,000	\$ 50,000	5	\$ 5,000	\$ 25,000	5	\$ 5,000	\$ 25,000	0	\$ 5,000	\$ -	0	\$ 5,000	\$ -	0	\$ 5,000	\$ -			
9	Directional Drilling with 12-inch HDPE -Canaseraga Creek Crossing	LF	790	\$ 200	\$ 158,000	300	\$ 200	\$ 60,000	0	\$ 200	\$ -	300	\$ 200	\$ 60,000	0	\$ 200	\$ -	0	\$ 200	\$ -	0	\$ 200	\$ -			
	-Keshequa Creek at Groveland CF	LF				200	\$ 200	\$ 40,000	0	\$ 200	\$ -	200	\$ 200	\$ 40,000	0	\$ 200	\$ -	0	\$ 200	\$ -	0	\$ 200	\$ -	0	\$ 200	\$ -
	-Dacota Shores Conesus Lake Inlet Crossing	LF				660	\$ 200	\$ 132,000	0	\$ 200	\$ -	660	\$ 200	\$ 132,000	0	\$ 200	\$ -	0	\$ 200	\$ -	0	\$ 200	\$ -	0	\$ 200	\$ -
	-Miscellaneous Creek Crossing	LF				250	\$ 200	\$ 50,000	100	\$ 200	\$ 20,000	150	\$ 200	\$ 30,000	0	\$ 200	\$ -	0	\$ 200	\$ -	0	\$ 200	\$ -	0	\$ 200	\$ -
	Directional Drill with 18" Casing and 12" Carrier Pipe -Interstate 390 Crossing -Miscellaneous NYSDOT Crossing	LF				400	\$ 250	\$ 100,000	0	\$ 250	\$ -	400	\$ 250	\$ 100,000	0	\$ 250	\$ -	0	\$ 250	\$ -	0	\$ 250	\$ -	0	\$ 250	\$ -
10	Directional Drill with 18" Casing and 12" Carrier Pipe -Interstate 390 Crossing -Miscellaneous NYSDOT Crossing	LF	285	\$ 600	\$ 159,000	250	\$ 200	\$ 50,000	0	\$ 200	\$ -	250	\$ 200	\$ 50,000	0	\$ 200	\$ -	0	\$ 200	\$ -	0	\$ 200	\$ -			
Boring with 24" Casing and 12" Carrier Pipe	LF	150				\$ 600	\$ 90,000	0	\$ 600	\$ -	150	\$ 600	\$ 90,000	0	\$ 600	\$ -	0	\$ 600	\$ -	0	\$ 600	\$ -	0	\$ 600	\$ -	
11	Boring with 24" Casing and 12" Carrier Pipe	LF	285	\$ 600	\$ 159,000	150	\$ 600	\$ 90,000	0	\$ 600	\$ -	150	\$ 600	\$ 90,000	0	\$ 600	\$ -	0	\$ 600	\$ -	0	\$ 600	\$ -			
12	Railroad Crossing Review Fees & Inspection	LS	1	\$ 5,000	\$ 5,000	1	\$ 5,000	\$ 5,000	1	\$ 5,000	\$ 5,000	0	\$ 5,000	\$ -	0	\$ 5,000	\$ -	0	\$ 5,000	\$ -	0	\$ 5,000	\$ -			
13	Road Crossing with 12-inch PVC Open Cut	LF	790	\$ 100	\$ 79,000	500	\$ 100	\$ 50,000	100	\$ 100	\$ 10,000	400	\$ 100	\$ 40,000	0	\$ 100	\$ -	0	\$ 100	\$ -	0	\$ 100	\$ -			
14	Rock Excavation	CY	2,600	\$ 75	\$ 195,000	1,500	\$ 75	\$ 112,500	75	\$ 75	\$ 5,625	1425	\$ 75	\$ 106,875	0	\$ 75	\$ -	0	\$ 75	\$ -	0	\$ 75	\$ -			
15	Compaction Testing	LS	1	\$ 10,000	\$ 10,000	1	\$ 10,000	\$ 10,000	0.1	\$ 10,000	\$ 1,000	0.5	\$ 10,000	\$ 5,000	0.2	\$ 10,000	\$ 2,000	0.2	\$ 10,000	\$ 2,000	0	\$ 10,000	\$ -			
16	Hemlock Pump Station Improvements -New 3rd Vertical Turbine Pump (944 gpm)	EA	1	\$ 160,000	\$ 160,000	1	\$ 63,000	\$ 63,000	0	\$ 63,000	\$ -	0	\$ 63,000	\$ -	0	\$ 63,000	\$ -	1	\$ 63,000	\$ 63,000	0	\$ 63,000	\$ -			
	-Upgrade Existing Vertical Turbine Pumps to 944 gpm	EA				1	\$ 25,000	\$ 25,000	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	1	\$ 25,000	\$ 25,000	0	\$ 25,000	\$ -
	- Surface Mounted Vertical Turbine Pump (200 gpm) (farms)	EA				2	\$ 23,000	\$ 46,000	0	\$ 23,000	\$ -	0	\$ 23,000	\$ -	0	\$ 23,000	\$ -	0	\$ 23,000	\$ -	2	\$ 23,000	\$ 46,000	0	\$ 23,000	\$ -
	-Piping Improvements	LS				1	\$ 40,000	\$ 40,000	0	\$ 40,000	\$ -	0	\$ 40,000	\$ -	0	\$ 40,000	\$ -	0	\$ 40,000	\$ -	1	\$ 40,000	\$ 40,000	0	\$ 40,000	\$ -
	- Piping Improvements (farms)	LS				1	\$ 10,000	\$ 10,000	0	\$ 10,000	\$ -	0	\$ 10,000	\$ -	0	\$ 10,000	\$ -	0	\$ 10,000	\$ -	1	\$ 10,000	\$ 10,000	0	\$ 10,000	\$ -
	-Pump Installation	LS				1	\$ 75,000	\$ 75,000	0	\$ 75,000	\$ -	0	\$ 75,000	\$ -	0	\$ 75,000	\$ -	0	\$ 75,000	\$ -	1	\$ 75,000	\$ 75,000	0	\$ 75,000	\$ -
	-Pump Installation (farms)	LS				1	\$ 10,000	\$ 10,000	0	\$ 10,000	\$ -	0	\$ 10,000	\$ -	0	\$ 10,000	\$ -	0	\$ 10,000	\$ -	1	\$ 10,000	\$ 10,000	0	\$ 10,000	\$ -
	-Electrical Modifications	LS				1	\$ 25,000	\$ 25,000	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	1	\$ 25,000	\$ 25,000
	- Electrical Modifications (farms)	LS				1	\$ 5,000	\$ 5,000	0	\$ 5,000	\$ -	0	\$ 5,000	\$ -	0	\$ 5,000	\$ -	0	\$ 5,000	\$ -	0	\$ 5,000	\$ -	1	\$ 5,000	\$ 5,000
	17	New Shelly Road Pump Station -Prefabricated Pump Station Installation -New Electrical Work -Site Work				LS	1	\$ 220,000	\$ 220,000	1	\$ 225,000	\$ 225,000	0	\$ 225,000	\$ -	0	\$ 225,000	\$ -	0	\$ 225,000	\$ -	1	\$ 225,000	\$ 225,000	0	\$ 225,000
18	Railroad WST Modifications (+10 feet) Maple Beach Booster Station -Prefabricated Pump Station Installation - Upgrade Pump sizes (farms)	LS	1	\$ 220,000	\$ 220,000	1	\$ 80,000	\$ 80,000	0	\$ 80,000	\$ -	0	\$ 80,000	\$ -	1	\$ 80,000	\$ 80,000	0	\$ 80,000	\$ -	0	\$ 80,000	\$ -			
	-New Electrical Work	LS				1	\$ 25,000	\$ 25,000	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	1	\$ 25,000	\$ 25,000			
	-Site Work (driveway, grading, fence, etc.)	LS				1	\$ 45,000	\$ 45,000	0	\$ 45,000	\$ -	0	\$ 45,000	\$ -	0	\$ 45,000	\$ -	0	\$ 45,000	\$ -	1	\$ 45,000	\$ 45,000			
	-New Groveland WST	EA				1	\$ 300,000	\$ 300,000	0	\$ 300,000	\$ -	0	\$ 300,000	\$ -	1	\$ 300,000	\$ 300,000	0	\$ 300,000	\$ -	0	\$ 300,000	\$ -			
	-Additional 200,000 gallon tank capacity (farms)	LS				1	\$ 280,000	\$ 280,000	0	\$ 280,000	\$ -	0	\$ 280,000	\$ -	1	\$ 280,000	\$ 280,000	0	\$ 280,000	\$ -	0	\$ 280,000	\$ -			
19	-Additional Site Work for larger tank (farms) -New Electrical Work -Site Work (driveway, grading, fence, etc.)	LS	1	\$ 550,000	\$ 550,000	1	\$ 10,000	\$ 10,000	0	\$ 10,000	\$ -	0	\$ 10,000	\$ -	1	\$ 10,000	\$ 10,000	0	\$ 10,000	\$ -	0	\$ 10,000	\$ -			
20	New Groveland WST -Water Storage Tank (300,000 gal) - Additional 200,000 gallon tank capacity (farms) - Additional Site Work for larger tank (farms)	EA	1	\$ 550,000	\$ 550,000	1	\$ 300,000	\$ 300,000	0	\$ 300,000	\$ -	0	\$ 300,000	\$ -	1	\$ 300,000	\$ 300,000	0	\$ 300,000	\$ -	0	\$ 300,000	\$ -			
	-New Electrical Work	LS				1	\$ 25,000	\$ 25,000	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	0	\$ 25,000	\$ -	1	\$ 25,000	\$ 25,000			
	-Site Work (driveway, grading, fence, etc.)	LS				1	\$ 100,000	\$ 100,000	0	\$ 100,000	\$ -	0	\$ 100,000	\$ -	0	\$ 100,000	\$ -	0	\$ 100,000	\$ -	1	\$ 100,000	\$ 100,000			
	-New Siker Hill Pressure Reducing Valve & Piping Modifications within Existing Building	LS				1	\$ 50,000	\$ 50,000	1	\$ 50,000	\$ 50,000	0	\$ 50,000	\$ -	0	\$ 50,000	\$ -	0	\$ 50,000	\$ -	1	\$ 50,000	\$ 50,000			
21	New Siker Hill Pressure Reducing Valve & Piping Modifications within Existing Building	LS	1	\$ 50,000	\$ 50,000	1	\$ 50,000	\$ 50,000	0	\$ 50,000	\$ -	0	\$ 50,000	\$ -	0	\$ 50,000	\$ -	1	\$ 50,000	\$ 50,000						
22	Latimer Rd Pressure Reducing Valve Vault #1	LS	1	\$ 75,000	\$ 75,000	1	\$ 75,000	\$ 75,000	0	\$ 75,000	\$ -	1	\$ 75,000	\$ 75,000	0	\$ 75,000	\$ -	0	\$ 75,000	\$ -	0	\$ 75,000	\$ -			
23	Latimer Rd Pressure Reducing Valve Vault #2	LS	1	\$ 75,000	\$ 75,000	1	\$ 75,000	\$ 75,000	0	\$ 75,000	\$ -	1	\$ 75,000	\$ 75,000	0	\$ 75,000	\$ -	0	\$ 75,000	\$ -	0	\$ 75,000	\$ -			
24	DOCCS Control Valve & Meter Vault	LS	1	\$ 75,000	\$ 75,000	1	\$ 75,000</																			



Livingston County Water & Sewer Authority  
 1997 D'Angelo Drive  
 PO Box 396  
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 Fax: (585) 346-0954  
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Catherine VanHorne  
 Executive Director

TO: LCWSA Board  
 FROM: Catherine VanHorne  
 RE: SolarCity Purchase Power Agreement  
 DATE: February 16, 2017

Dan Leary from SolarCity contacted me with the following Purchase Power Agreement changes. The current and past (shaded) purchase price proposal is shown below.

Years	purchase rate	Current sell rate	Kwh	revenue over expense	purchase rate	Current sell rate	Kwh	revenue over expense
1	\$0.1000	0.118	1,117,241	\$20,110.34	\$0.0750	0.118	1,117,241	\$48,041.36
2	\$0.1020	\$0.1204	1,111,655	\$20,409.98	\$0.0765	\$0.1204	1,111,655	\$48,757.18
3	\$0.1040	\$0.1228	1,106,097	\$20,714.09	\$0.0780	\$0.1228	1,106,097	\$49,483.66
4	\$0.1061	\$0.1252	1,100,566	\$21,022.73	\$0.0796	\$0.1252	1,100,566	\$50,220.97
5	\$0.1082	\$0.1277	1,095,063	\$21,335.97	\$0.0812	\$0.1277	1,095,063	\$50,969.26
6	\$0.1104	\$0.1303	1,089,588	\$21,653.88	\$0.0828	\$0.1303	1,089,588	\$51,728.70
7	\$0.1126	\$0.1329	1,084,140	\$21,976.52	\$0.0845	\$0.1329	1,084,140	\$52,499.46
8	\$0.1149	\$0.1355	1,078,719	\$22,303.97	\$0.0862	\$0.1355	1,078,719	\$53,281.70
9	\$0.1172	\$0.1383	1,073,326	\$22,636.30	\$0.0879	\$0.1383	1,073,326	\$54,075.60
10	\$0.1195	\$0.1410	1,067,959	\$22,973.58	\$0.0896	\$0.1410	1,067,959	\$54,881.33
11	\$0.1219	\$0.1438	1,062,619	\$23,315.88	\$0.0914	\$0.1438	1,062,619	\$55,699.06
12	\$0.1243	\$0.1467	1,057,306	\$23,663.29	\$0.0933	\$0.1467	1,057,306	\$56,528.97
13	\$0.1268	\$0.1497	1,052,020	\$24,015.87	\$0.0951	\$0.1497	1,052,020	\$57,371.26
14	\$0.1294	\$0.1526	1,046,760	\$24,373.71	\$0.0970	\$0.1526	1,046,760	\$58,226.09
15	\$0.1319	\$0.1557	1,041,526	\$24,736.88	\$0.0990	\$0.1557	1,041,526	\$59,093.66
16	\$0.1346	\$0.1588	1,036,318	\$25,105.46	\$0.1009	\$0.1588	1,036,318	\$59,974.15
17	\$0.1373	\$0.1620	1,031,136	\$25,479.53	\$0.1030	\$0.1620	1,031,136	\$60,867.77
18	\$0.1400	\$0.1652	1,025,981	\$25,859.17	\$0.1050	\$0.1652	1,025,981	\$61,774.70
19	\$0.1428	\$0.1685	1,020,851	\$26,244.48	\$0.1071	\$0.1685	1,020,851	\$62,695.14
20	\$0.1457	\$0.1719	1,015,747	\$26,635.52	\$0.1093	\$0.1719	1,015,747	\$63,629.30
				\$464,567.15				\$1,109,799.29



The starting rate has increased from \$.075 to \$.100. The increase is due to three factors

1. About \$.013 increase is due to National Grid proposed connection fee of \$230,000 which is about \$140,000 over the original estimate.
2. The remaining \$.022 increase is due to a combination of SolarCity being bought by Tesla, which has a different business model, and a recent finding by the Dept. of Labor that SolarCity has to use prevailing wages in the construction of the solar arrays. SolarCity was always responsible for paying prevailing wages; however it was on limited trades and scope.
3. SolarCity has offered if we take over the semiannual mowing for the field, that following table would be applicable.

Years	Starting purchase rate	Current sell rate	Kwh	revenue over expense
1	\$0.0980	0.118	1,117,241	\$22,344.82
2	\$0.1000	\$0.1204	1,111,655	\$22,677.76
3	\$0.1020	\$0.1228	1,106,097	\$23,015.66
4	\$0.1040	\$0.1252	1,100,566	\$23,358.59
5	\$0.1061	\$0.1277	1,095,063	\$23,706.63
6	\$0.1082	\$0.1303	1,089,588	\$24,059.86
7	\$0.1104	\$0.1329	1,084,140	\$24,418.35
8	\$0.1126	\$0.1355	1,078,719	\$24,782.19
9	\$0.1148	\$0.1383	1,073,326	\$25,151.44
10	\$0.1171	\$0.1410	1,067,959	\$25,526.20
11	\$0.1195	\$0.1438	1,062,619	\$25,906.54
12	\$0.1219	\$0.1467	1,057,306	\$26,292.55
13	\$0.1243	\$0.1497	1,052,020	\$26,684.30
14	\$0.1268	\$0.1526	1,046,760	\$27,081.90
15	\$0.1293	\$0.1557	1,041,526	\$27,485.42
16	\$0.1319	\$0.1588	1,036,318	\$27,894.95
17	\$0.1345	\$0.1620	1,031,136	\$28,310.59
18	\$0.1372	\$0.1652	1,025,981	\$28,732.42
19	\$0.1400	\$0.1685	1,020,851	\$29,160.53
20	\$0.1428	\$0.1719	1,015,747	\$29,595.02
				\$516,185.72

The assumptions used in the tables are as follows:

1. Sale price increases an average of 2% per year.
2. The solar array output will decrease about ½ percent per year.

With these proposed changes, we are under no contractual obligation to move forward.

The following is table that depicts the last four years of sale pricing from National Grid, with the new purchase pricing and power generation estimates applied on a monthly basis.

RNM Credit	A West - Buffalo, Dunkirk	purchase rate	Kwh	revenue over expense	Total Rev. per year
Month	RNM Credit Value				
Nov-12	\$0.101				
Dec-12	\$0.104				
Jan-13	\$0.116	\$0.1000	93103.42	\$1,534.81	
Feb-13	\$0.118	\$0.1000	93103.42	\$1,662.36	
Mar-13	\$0.106	\$0.1000	93103.42	\$547.91	
Apr-13	\$0.105	\$0.1000	93103.42	\$470.64	
May-13	\$0.115	\$0.1000	93103.42	\$1,414.71	
Jun-13	\$0.129	\$0.1000	93103.42	\$2,705.12	
Jul-13	\$0.124	\$0.1000	93103.42	\$2,224.71	
Aug-13	\$0.123	\$0.1000	93103.42	\$2,155.81	
Sep-13	\$0.114	\$0.1000	93103.42	\$1,294.60	
Oct-13	\$0.115	\$0.1000	93103.42	\$1,429.88	
Nov-13	\$0.111	\$0.1000	93103.42	\$981.40	
Dec-13	\$0.124	\$0.1000	93103.42	\$2,264.37	\$18,686.32
Jan-14	\$0.134	\$0.1020	92637.92	\$2,939.49	
Feb-14	\$0.175	\$0.1020	92637.92	\$6,798.79	
Mar-14	\$0.142	\$0.1020	92637.92	\$3,683.38	
Apr-14	\$0.123	\$0.1020	92637.92	\$1,963.09	
May-14	\$0.129	\$0.1020	92637.92	\$2,476.30	
Jun-14	\$0.113	\$0.1020	92637.92	\$1,063.30	
Jul-14	\$0.139	\$0.1020	92637.92	\$3,386.66	
Aug-14	\$0.134	\$0.1020	92637.92	\$2,933.19	
Sep-14	\$0.129	\$0.1020	92637.92	\$2,537.45	
Oct-14	\$0.130	\$0.1020	92637.92	\$2,589.42	
Nov-14	\$0.124	\$0.1020	92637.92	\$2,021.64	
Dec-14	\$0.125	\$0.1020	92637.92	\$2,113.72	\$34,506.42
Jan-15	\$0.128	\$0.1040	92174.75	\$2,183.16	
Feb-15	\$0.117	\$0.1040	92174.75	\$1,194.86	
Mar-15	\$0.120	\$0.1040	92174.75	\$1,460.42	
Apr-15	\$0.128	\$0.1040	92174.75	\$2,226.39	
May-15	\$0.116	\$0.1040	92174.75	\$1,098.63	
Jun-15	\$0.118	\$0.1040	92174.75	\$1,295.24	
Jul-15	\$0.123	\$0.1040	92174.75	\$1,760.63	
Aug-15	\$0.125	\$0.1040	92174.75	\$1,965.90	
Sep-15	\$0.128	\$0.1040	92174.75	\$2,181.71	
Oct-15	\$0.121	\$0.1040	92174.75	\$1,578.86	
Nov-15	\$0.108	\$0.1040	92174.75	\$399.67	
Dec-15	\$0.110	\$0.1040	92174.75	\$562.36	\$17,907.83

This is an Equal Opportunity Program. Discrimination is prohibited by Federal law. Complaints of discrimination may be filed with USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Ave., SW, Washington, DC 20250-9410

Jan-16	\$0.113	\$0.1061	91713.83	\$622.09	
Feb-16	\$0.109	\$0.1061	91713.83	\$274.50	
Mar-16	\$0.110	\$0.1061	91713.83	\$392.99	
Apr-16	\$0.107	\$0.1061	91713.83	\$64.66	
May-16	\$0.119	\$0.1061	91713.83	\$1,165.41	
Jun-16	\$0.127	\$0.1061	91713.83	\$1,903.25	
Jul-16	\$0.134	\$0.1061	91713.83	\$2,598.71	
Aug-16	\$0.132	\$0.1061	91713.83	\$2,393.00	
Sep-16	\$0.123	\$0.1061	91713.83	\$1,508.42	
Oct-16	\$0.122	\$0.1061	91713.83	\$1,465.22	
Nov-16	\$0.107	\$0.1061	91713.83	\$43.01	
Dec-16	\$0.107	\$0.1061	91713.83	\$117.03	\$12,548.29
Total					\$83,648.858
Average over four years					\$20,912.21

This confirms that for the last three years the sale projects and assumptions did work.

If the Board decides to sign the agreement amendment, the next steps for permitting would be to perform a Phase I B Cultural Resources survey and submit the results to the State Historic Preservation Office for review. After receiving a response back from them, SolarCity would submit for SEQR/Site plan review and file for a SPDES Storm-water Permit.

Dan seems positive with the partnering with Tesla that the business will continue to make strides forward.