



Town of Holliston  
Board of Selectmen  
703 Washington Street  
Holliston, MA 01746

Town of Holliston  
Green Community 4th Quarter Progress Report  
June 30, 2018

The Town of Holliston Green Community Team continues to be hard at work implementing the remaining three approved projects by the DOER. Below are details of events and processes that have occurred since the last Progress Report.

Project 1: Stand-alone Thermostat (95% Complete – Waiting on Final Invoice)

Project 2: Town Hall Boiler and Pump Replacement (95% Complete – Waiting on Final Invoice)

5-16-2018: FedEx and Dave's Heating and Cooling arrive to deliver the boiler. The 2 boilers are temporarily stored in a conference room adjacent to the boiler room.

6-1-2018: Dave arrives to inspect the boiler room and turn off the current heating system.

6-4 to 6-8-2018: Dave removes the old boilers and gas/vent piping and prepares the work area to receive the new boilers.

6-11-2018: New boilers are positioned into place (see picture) and permits are pulled for gas and electrical work.

6-18-2018 to 6-22-2018: New boilers are plumbed and electrically tied into heating controller. Testing, final inspections, and signoffs are scheduled for the week of June 25<sup>th</sup>.

6-24-2018 to 6-29-2018: Work continues on venting and programming the new boilers.

6-29-2018: Boilers are finished with local electrical and plumbing inspectors signing off.

7-2-2018: Completion paperwork signed by the Town and World Energy. Waiting on Final Invoice. (See Attached)



Original Estimated Finances for Project 1 & 2

Estimated Project Cost	Estimated Incentive	Town Contribution	GC Approved Funding	
\$75,172.74	\$5,411.84	\$0.00	\$69,760.90	

Updated Estimated Finances for Project 1 & 2

Estimated Project Cost	Actual Incentive	Town Contribution	GC Approved Funding	
\$74,196.94	\$4,023	\$532.13	\$69,641.81	

Overall Budget

	Date	Anticipated Income	Actual Expenses
World Energy Deposit 1536	11-9-17		\$37,086.82

Project 3: Energy Management System for Town Hall, Senior Center, and Library (5% Complete)

No additional information on this project occurred during the 3 month period. World Energy wants to concentrate on finishing the Town Hall Boiler project and Library Light Project and balance the budget before relooking at this project.

Original Estimated Finances for Project #3

Estimated Project Cost	Estimated Incentives	Ant. Elec Savings	Ant. Gas Saving	GC Approved Funding	
\$42,700.00	\$7,728.00	8420	2601	\$28,606.54	Town Hall
\$13,884.82	\$2,852.54	2175	1669	\$12,447.32	Senior Center
\$20,740.00	\$4,883.40	10,078	930	\$16,593.00	Library

Updated Estimated Finances for Project #3

Estimated Project Cost	Actual Incentives	Ant. Elec Savings	Ant. Gas. Savings	Cost Change	GC Estimated Funding	
\$33,672.00	\$6,000	8420	1389	-934.54	\$28,606.54	Town Hall
\$14,762.00	\$3,600	2175	1669	-1,233.50	\$12,395.50	Senior Center
\$20,740.00	\$600	10,078	930	+3,547	\$16,593.00	Library

No Expenditures as of yet for the EMS Project

Project 4: Holliston Senior Center Weatherization and Insulation (**Completed**)

Overall Budget

	Date	Anticipated Income	Actual Expenses
World Energy Deposit	10-14-17		\$6,154.91
World Energy Final Inv	11-14-17		\$5,505.59
Green Community Grant		\$11,660.50	
Total for Project		\$11,660.50	\$11,660.50

Project 5: Holliston Senior Center Lighting and Lighting Controls (**Completed**)

Overall Budget

	Date	Anticipated Income	Actual Expenses
World Energy Inv (Custom)	11-14-17		\$196.48
World Energy Inv (Prescrip)	11-14-17		\$16,440.73
Green Community Grant		\$16,637.21	
<b>Total for Project</b>		<b>\$16,637.21</b>	<b>\$16,637.21</b>

Project 6: Holliston Public Library Weatherization and Insulation (**Completed**)

Overall Budget

	Date	Anticipated Income	Actual Expenses
World Energy Deposit	11-14-17		\$3,901.80
Green Community Grant		\$3,901.80	
<b>Total for Project</b>		<b>\$3,901.80</b>	<b>\$3,901.80</b>

Project 7: Holliston Public Library Lighting and Lighting Controls (80% Complete – Installation in Process.)

5-8-2018 – Holliston reaches out to World Energy (WE) to request an updated financial estimate of remaining lights and a status on a purchase/install time-frame. The response is they are still working on them and the Town does not need this information to proceed.

6-14-2018 – Holliston reaches out to World Energy (WE) to again request an updated financial estimate and time frame to install the remaining lights.

6-27-2018 – World Energy is awaiting more information from Eversource on Utility Incentives. World Energy pulled the non-standard lights out of the original Utility Incentive they applied for figuring they would do a separate request for the non-standard lights. The few lights they now need to finish the project do not qualify for incentives due to the long payback. World Energy is discussing with Eversource that as originally spec'd out these lights belong with the original project and should be viewed as one project and the savings be spread across the entire project.

Estimated Project Cost	Estimated Incentives	Town Contribution	GC Approved Funding	
\$30,590.85	\$5,172.75	0.00	\$25,418.10	

Updated Actual Finances for Project #7 – Phase 1

Revised Project Cost	Actual Incentives	Town Contribution	GC Requested Funding	
\$20,227.42	\$5,512.64	0.00	\$14,714.78	

Estimated Finances for Project #7 – Phase 2

Estimated Project Cost	Estimated Incentives	Town Contribution	GC Approved Funding	
Waiting on WE	Waiting	Waiting		

Overall Budget

	Date	Anticipated Income	Actual Expenses
World Energy Deposit	10-14-17		\$12,831.78
World Energy Invoice	1-2-18		\$1,883.00

Project 8: Purchase 2 Electric Vehicles and a Charging Station (**Completed**)

6-27-2018 The Nissan Leaf's go in for their first service as Nissan has issued a voluntary recall on the Lithium Battery Controller as the current software was found not to display an accurate driving range and battery capacity indicator level.

We are excited to state that in the first 9 months both cars have driven a combined 5000 miles. According to afdc.org website, the town, by using 2 electric cars, has saved 294 gallons of gas, decreased our CO2 emissions by 5,796 lbs, and decreased our Fuel costs by \$527 (based upon \$2.67 price per gallon).

Lastly, as word has circulated around town that the chargers are open to the public, many days/nights non-town cars can now be seen charging by the station.

Overall Project 8 Budget

	Date	Anticipated Income	Actual Expenses
Nissan Milford (2 Cars)	8/16/17		\$44,126.40

Clipper Creek (Charge Station)	8/25/17		\$2471.15
Chipman Electric (Deposit)	9/1/17		\$1962.50
Chipman Electric (Final)	9/11/17		\$1962.50
Mass EVIP Reimbursement	9/14/17 (Submitted)	\$21,396.15	
Green Community Reimburse Request	Requested	\$29,126.40	
Total		\$50,522.55	\$50,522.55

Additional Budget Request approved on 12/12

	Date	Anticipated Income	Actual Expenses
Amazon	12/12/17		\$50.46
Milford Nissan	12/14/17		\$204.00
Green Community Request	Requested	\$250.00	
Town Account	12/14/2017	\$4.46	
Total		\$254.46	\$254.46