



Gary Christenson, Mayor

**2018 ANNUAL REPORT TO THE CITY CLERK OF THE
Commission on Energy Efficiency
PURSUANT TO CITY OF MALDEN ORDINANCE 1.7**

I. Preliminary Information

Name of Board or Commission:	Energy Efficiency Commission (EEC)
Name of Chair:	David Camell
Name of Clerk:	Molly Pidgeon
No. of Members:	5 members; 2 associate members
No. of meetings of Board/Commission Holds per year:	Monthly on the 2 nd Monday at 6 PM
Explain how Board/Commission has fulfilled functions in the past year:	The EEC helped originate the LED Street Light replacement program, which is now complete. The program payback is approximately two years, while the assets will last much longer, saving energy and expenditure for a long time. We have also worked with Public Facilities and Honeywell to develop the Performance Program, which is now in the hands of the City Council's Finance Committee.

Please list Members' names, addresses, date of appointment and when term expires: (attach additional sheets if necessary)

Name & Address	Appointed	Term Expires
Eric Rubin, Public Facilities Director	<i>Ex Officio</i>	<i>Ex Officio</i>
Joshua Ward Smith 44 Greystone Road	July 1, 2018 (M)	May 4, 2020
Stacy VanDeveer 6 Lebanon Terrace	May 4, 2016 (M)	May 4, 2018
David Camell, Chair 35 Williams Street	January 9, 2018 (C)	January 9, 2020
Molly Pidgeon - Clerk 40 High Street	May 1, 2016 (C)	May 1, 2018
ASSOCIATE MEMBERS		
Allyson Pardek 15 Winn Terrace	April 11, 2018	April 11, 2020
<i>In process of appointing</i>		

2. Overview of Board/Commission

Please issue a **brief** statement about the general purpose and mission of this Board/Commission:

The EEC works to create and maintain a healthy community by proposing measurable solutions to reduce the environmental impact of municipal facilities and operations by recommending energy efficient modifications and improvements to proposed and existing facilities, encouraging the preservation of green spaces and clean air and promoting public awareness of sustainability options, advising city agencies on sustainability practices and encouraging the growth of businesses that produce sustainable products and services.

The EEC recommends programs and policies designed to promote the growth of sustainable energy within the community and in formulating plans and policies, provides an opportunity for the public to comment on policy recommendations.

3. REVENUE: Please list the revenue(s) coming into this Board/ Commission. **NOT APPLICABLE** ✓

From City Budget	
From State Budget	
From Federal Budget	
Grant Monies	
Licenses/Fees	
Other	

4. EXPENDITURES: Please list the expenditures of this Board/Commission. **NOT APPLICABLE** ✓

Expenditures of Board/Commission	Explanation
Personnel Costs	
Equipment Costs	
Postal Costs	
Leasing Costs	
Other	

5. ASSETS: Please list all major assets under the control of this Board/Commission. *(Please include materials, tools, vehicles, equipment and property on hand as of 12/31/17.* **NOT APPLICABLE** ✓

Asset	Value

6. **PROGRAMS:** Please list all programs under the direction of this Board/Commission. (Please detail where and how these programs originate, i.e. statutory, internal, etc.)

NOT APPLICABLE ☐

Program	Description
Energy Management Services	<i>Internal – compare previous estimates with actual usage to track progress</i>
Electric Vehicle (EV) Program	<i>Internal – we will continue to promote, investigate, and support the purchase of additional EVs as well as installation of charging stations</i>

7. **CHALLENGES:** Provide a brief description of three challenges this Board/Commission faces.

1.	There is tremendous promise in the Performance Program. Currently the finance committee is exploring this matter. It is likely that any action on it will be delayed until the full budget, and then it is still uncertain that the City Council will authorize this very wise investment.
2.	As always, there are more ideas than realistically achievable. We will work to have a clearly defined list of priorities in order to maximize the effectiveness of our effort.
3.	While there are many promising measures, the recent environment has seen a lot of marketing on energy related products and services. Occasionally that marketing overpromises, which creates an overall skepticism amongst the public and non-technical city officials. However, the combined experience of this body is a huge asset that allows us to very accurately separate out any exaggerated claims from correct information.

8. **GOALS:** Describe three goals this Board/Commission has for the year ahead.

1.	To focus on taking full advantage of various available grants that will help improve our energy efficiency in our City. The EEC is in the midst of the very first step of that, getting a full understanding of what is available.
2.	Investigating the idea of community aggregation, and whether that holds any promise for ratepayers throughout the City.
3.	Investigate 2016/2017 Greenhouse Gas emissions inventory/estimate for the Malden City government to determine baseline to track progress, set benchmarks and document Greenhouse Gas reductions that are a result of the City of Malden green investments and 2050 NetZero/Climate Action Pledge



Signature of Chair

Date: **April 30, 2018**