



10

## CITY OF DANBURY

155 DEER HILL AVENUE  
DANBURY, CONNECTICUT 06810

**DAVID W. ST. HILAIRE**  
DIRECTOR OF FINANCE

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### MEMORANDUM

TO: Mayor Mark D. Boughton via the City Council

FROM: David St. Hilaire, Director of Finance  
Through Dan Garrick, Assistant Director of Finance *DS*

DATE: July 28, 2014

SUBJECT: Small Business Energy Advantage Program

Attached is a summary of a proposed energy efficient lighting program through CL&P and their pre-approved vendor New England Energy Management. The program will utilize LED lighting which is costly due in part to the cost of manufacturing and its longevity. Therefore, CL&P in association with Connecticut's Clean Energy Fund will subsidize a portion of this project reducing the cost to the City of Danbury. The balance of the project will be funded by loans without interest through the Small Business Energy Advantage Program. The estimated net increase in expense during the loan period is \$130.68 per month, which can be absorbed in the utility accounts for the seventeen associated buildings. The estimated monthly savings of \$1,518.93 will continue to be recognized after the loan payments.

I respectfully request the City Council's consideration of the attached resolution at their next meeting. Please contact me should you have any questions.

cc: L. Pinter

# neem

a smart investment for a greener future



7/28/14

Mr. David W. St. Hilaire  
Director of Finance  
City of Danbury  
155 Deer Hill Rd  
Danbury, CT 06810

Dear David,

I thank you in advance for your efforts in moving these energy efficiency proposals forward to City Council for approval.

Attached with this letter are the proposals as submitted, as well as the most up to date summary of all the properties (7 Public Works, 10 Fire Dept.) that detail energy savings, project costs, and payback calculations per facility.

As a qualified contractor for CL&P/UI's EnergizeCT Small Business Energy Advantage program (SBEA), Neem has for many years been taking advantage of the SBEA's fixed pricing programs to implement energy conservation upgrades to numerous projects throughout Danbury's Schools and Public Buildings—see attached list. It is due to our history with Danbury, that Rick Palanzo, the Director of Public Buildings, met with us in the spring of 2013 to investigate the possibility of upgrading the exterior lighting of his properties with LED technology. His primary concerns were energy consumption, maintenance savings, and limited light output from current fixtures, which necessitated replacement. Furthermore, upgrades to LED technology have significant lifecycle savings, with rated hours of life of at least 80,000 hours or more. With the help of Rick and his staff, as well as that of former Chief Herald, we were able to conduct numerous site surveys and make the necessary recommendations to take advantage of the energy upgrade incentives made available through the SBEA program.

The highlights of this program include the following:

- No cost energy evaluations for all eligible energy efficiency measures complete with material and installation costs and estimated savings.
- No upfront costs for installed upgrades for Lighting, HVAC, Water, and Natural Gas.
- Incentives up to 50 percent of the installed cost Zero-interest and low-cost financing (payable on the monthly electric bills.)
- The upgrade of T12 florescent technology for that of T8.
- LED lighting upgrades.

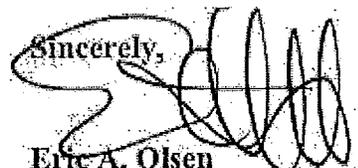
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10-2

If possible, we would like to set up an appointment with you in advance of next month's Council meeting for a concise overview of these and other future energy saving projects that may come into play through the various other programs the utility has to offer, i.e. solar, LED street lighting, Interior LED, etc. We can provide for you at that time further literature, samples, or power points that will assist you in your presentation.

Neem is very excited to see this initiative go through for Mayor Boughton's signature, and are optimistic that this will lead to many cost-saving projects in the future.

We thank you again for your time and assistance, and look forward to your response.

Sincerely, 

**Eric A. Olsen**  
**Project Manager**  
**Energy Efficiency Programs**

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**o: 203 456 2015**  
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# RESOLUTION

10-4

CITY OF DANBURY, STATE OF CONNECTICUT

\_\_\_\_\_A.D. 2014

**RESOLVED** BY THE CITY COUNCIL OF THE CITY OF DANBURY

**WHEREAS**, the Danbury Superintendent of Public Buildings is seeking to implement an energy efficiency lighting program for a designated number of City public building facilities; and

**WHEREAS**, said program would propose to utilize the services and assistance of a combination of Connecticut Light and Power, its associated vendors as well as Connecticut's Clean Energy Fund; and

**WHEREAS**, the program would utilize an LED lighting program to be subsidized in part through CL&P's association with the Connecticut Clean Energy Fund and a no interest loan(s) funded by the Small Business Energy Advantage Program; and

**WHEREAS**, the City estimated contribution would be \$130.68 monthly, with estimated savings of \$1,518.93 monthly, after all loan payments; and

**WHEREAS**, it is deemed to be in the best interests of the City of Danbury to engage in the energy savings program for the benefit of its residents and facilities.

**NOW, THEREFORE, BE IT RESOLVED THAT** Mayor Mark D. Boughton or his designee, Richard M. Palanzo, Superintendent of Public Buildings, be and hereby are authorized to enter into such arrangements and execute such documents as are necessary to implement the Small Business Energy Advantage Program and authorize such no interest borrowing as may be required for the purposes thereof and as set forth in documentation accompanying this request.