

# **TOWN of SEYMOUR**

## **ENERGY COMMITTEE WORK PLAN**

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### **NEAR TERM :**

#### **BASELINE DEVELOPMENT**

1. Develop overall inventory of “baseline” status for all Town buildings, including Board of Education facilities, listing energy systems in place (type, age, fuel source, efficiency ratings if known, etc), annual and seasonal usage patterns; recent efficiency upgrades or improvements; and energy control or BMS systems installed and is use.
2. Develop overall listing of energy accounts, providers, pricing, contract terms covering all aspects of town energy utilization
3. Attempt to categorize usage between heating, cooling, lighting, computers, process (machinery & equipment, pumps, etc), and any other large utilization categories
4. To the extent not captured in Item 1, identify all planned or in process energy efficiency projects across all town assets & infrastructure

#### **MEETINGS WITH ENERGY & RELATED SERVICE PROVIDERS**

5. Have CLP and Yankee Gas conduct a “Most Beneficial Rate” review for all of our accounts across all Town departments. Ensure that we are combining usage & accounts wherever possible to cut down on fixed charges
6. Under the Connecticut Energy Efficiency Fund 2010 programs, explore with CLP and/or energy efficiency firms all options for reducing our electric energy usage as well as demand charges – including the installation of more efficient lighting & equipment, peak shaving (whether through shutdown of equipment and/or facilities or running of our emergency generators). Conduct the same sort of review(s) for our heating oil / natural gas equipment.
7. Research recent projects and programs in other cities and towns, as well as similar energy users, to identify efforts that may be applicable to Seymour, with particular focus on the US EPA “Community Energy Challenge” program

#### **ENERGY PROCUREMENT**

8. Examine each of our electric billings for all accounts to ensure that we are taking advantage of the lowest electric energy rates in the market. Compare our current consortium pricing levels to CCM and other aggregation options
9. Examine gas and heating oil billings for all accounts, again to ensure most competitive pricing and terms in comparison to market and aggregation options

#### **FUNDING SOURCES**

10. Meet with appropriate officials, groups and providers to identify all potential funding sources, whether in the form of rebates, incentives, grants, shared savings or financing options

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### LONGER TERM

11. Explore, identify and implement options to help provide information and programs aimed at educating town residents with respect to energy conservation, energy efficiency and new energy technology
12. Implement and continually emphasize an employee energy conservation ethic across all of Town government. A change in our practices, just as we carry out in our own homes, would make a noticeable difference
13. Embark on a program to reduce energy usage for our street lighting. This can include upgrades to newer technology, more efficient lighting; wattage reduction; light elimination where feasible; enrollment in the new CLP “off at midnight” program, and any other appropriate steps.
14. Look at energy generation options that would allow the town to supply some of its own electricity from environmentally sound sources. Roof top solar on various town buildings would be one such option. A small “run of the river” hydro unit installed in connection with the fish ladder and bypass construction would be another. Such electric generation sources would supply part of our usage on most days, and would also help to shave our peak usage (peak usage is a key factor in how much we pay for electric service). We would need to engage the help of our state and federal delegation, and hopefully draw funding from sources such as the Connecticut Clean Energy Fund and CT Innovations Inc, as well as the Federal “Smart Grid” stimulus programs.
15. Other ???