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DEMAND RESPONSE



The Town of Glastonbury



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Please consider the environment before printing a copy of this bulletin. The information will remain available on our web site.

INTRODUCTION

The continuing growth in the usage of electrical energy creates a demand that utility companies find hard to satisfy with their existing generation plants and distribution systems. Since electricity cannot effectively be stored up to meet periods of high demand, electrical generators and distributors must have in place the infrastructure to meet the highest demand expected. Increasing the supply of electricity through the construction of new generation plants and distribution systems is very costly and involves a long lead time. Electrical generators and distributors, therefore, have put in place programs to curtail the increase in demand, particularly during periods of peak demand.

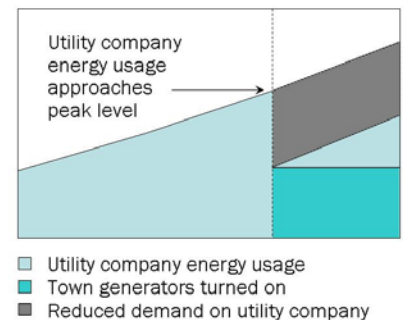
Periods of peak demand usually can be anticipated. Historically, peak demands occur in the summer during extended heat waves. Increased air conditioning requirements call for increased electricity; buildings do not have the opportunity to cool during warmer evenings; and electrical peak demand tends to climb day by day.

TOWN AND BOARD OF EDUCATION PARTICIPATION

The organization responsible for providing and delivering electricity in our area, ISO-New England, has developed a plan to reduce demand on electrical systems during these periods. Organizations with emergency generators can agree to run their generators to reduce demand on the system when ISO-New England has determined the demand for electricity is likely to exceed their ability to satisfy it. In exchange for volunteering to participate, the organizations are paid a monthly fee and are provided allowance payments if and when they are called upon to operate their generators.

The Town and Board of Education have signed up their generators at these facilities:

- ☞ Police Department
- ☞ Town Hall (*shown at right*)
- ☞ Smith Middle School
- ☞ Wastewater Treatment Plant



These generators, when operated, will reduce the demand on the grid by over 475 kilowatts. Through participation in this program, the Town has received payments totaling more than \$60,000.

GLASTONBURY'S GREEN INITIATIVES PROGRAM

Glastonbury's Green Initiatives program operates under the direction of the Town Manager. The committee is chaired by the Purchasing Agent and the Superintendent of Sanitation. Committee members from across Town departments participate and contribute ideas and suggestions committed to a "greener" community.

The committee assembles information about products and services and makes the information available to specific departments that can evaluate them and develop applications in Town projects with the approval of the Town Manager.

These "Go-Green" bulletins contain information about the results of product evaluations and other accomplishments of Town departments. We hope this information can provide you insight to the Town's green initiatives and also lead others in the community to find ways to use environmentally preferable products. Please contact us if we can help you with further information or if you have additional suggestions. ■

