

Energy Focus Group

Energy Committee, Conservation Commission, DirectEnergy Solar, Zoning Board, Planning Board

Agenda

Introductions: introduction to the Conway student team, the Climate Resilience Plan project, and participants

Energy question poll activity: participants answer a series of questions using Zoom poll; group discussion of responses

Review of HMP and MVP action items: group review of energy-related ideas (attached); discussion of progress, challenges, etc.

Prioritizing actions

Discussion: renewable energy landscape in Plainfield

Data and Information Request

If participants have any information or resources that they think would be helpful to the student team, we invite you to share these at any time (plainfield_conway2022@csl.edu). Examples:

- Data or studies on energy usage in town
- Data or studies related to existing or planned renewable energy systems in town
- Anecdotes/personal experiences related to energy systems, energy efficiency, or renewables
- Photos
- Maps

Item Number	Action	Plan	Lead (if blank, none listed in plan)
1	Inventory emergency power supplies throughout town, including private generators at private homes.	MVP	
2	Install permanent back-up power at the highway garage, town hall, police station (Hathaway Hall), Earthdance	MVP	
	Improve backup power resources for Town buildings. Install permanent backup power at all town buildings. At a minimum, add portable generator hookup to town office/library/municipal headquarters. Priority is permanent standby generator at highway garage, then installing a hookup at town offices.	HMP	EMD, Fire, Police, Highway Superintendent, Select Board
	Upgrade Town Hall/Town Offices insulation & install generator to outfit as additional shelter	MVP	
	Upgrade Town Church insulation & install generator to outfit as additional emergency shelter	MVP	
	Improve common space meeting areas: 1. <i>Investigate other options for public meeting / gathering spaces</i> , 2. ID funding sources to pay for generators at these sites, 3. Explore CPA as a way of providing funding for upgrades to community spaces, 4. Add AC to community spaces for use as cooling shelters, 5. ID funding sources for insulating Town & community buildings	MVP	
3a	Public Safety Complex Improvements: 1. Install battery sequestered solar power system at Public Safety Complex, 2. Add AC to Public Safety Complex for use as a cooling center, 3. <i>Determine maximum capacity at Public Safety Complex</i> , 4. <i>Develop and maintain emergency non-perishable food supplies</i>	MVP	
3b	Explore the use of battery sequestered solar power installations at town properties	MVP	Energy Comm.
4	Investigate improvements to the local energy distribution system including reducing reliance on fossil fuels and the feasibility of installing a microgrid to serve all town critical facilities.	MVP	
	Explore feasibility of developing a microgrid to serve town facilities and reduce reliance on fossil fuel for emergency power	MVP	
5	Conduct preventative maintenance and other measures to reduce power outages, including tree trimming, installing home and public generators, and creating a wood bank	MVP	
6	Educate residents on residential energy efficiency cost deferment programs	MVP	