

Nashua Green Team  
Energy Master Plan Matrix  
DRAFT

		PRIORITY OF ACTIVITY	AREAS OF IMPACT							
CATEGORY	ACTION	1 (low) - 4 (high) (Use Priority Criteria below)	WATER EFFICIENCY	ENERGY EFFICIENCY	GHG REDUCTION	QUALITY OF LIFE	PUBLIC HEALTH	PROJECT CONTACT	STATUS	FUNDED
<b>Administration</b>										
	Formation of Green Team									
	Green Team Bylaws Adoption									
	30% recycled paper purchasing									
	New window frames in City Clerk's office									
	Improve education on paper recycling and duplexing education within municipal buildings and provide more recycling barrels in public meetings spaces									
	Use EPA's Portfolio Manager or ICLEI software to track energy efficiency									
	Replace old equipment with Energy Star equipment									
	Institution of Recycling network									
	Strive to go above and beyond the minimum in our municipal buildings									
	Concord Institution Recycling Network service to Nashua									
	Continue to track what the City has accomplished and publicize									
	Install occupancy sensors to automate the building for heat control									
	Use Native landscaping to reduce watering in parks									
	Begin investigating a 'paper-less' office policy (i.e., electronic timesheets, mileage requests, policies, paystubs, etc.)									
	Investigate alternative computer "back-up/security" techniques									
	Negotiate a fixed rate on all street lights with PSNH									
<b>Transportation</b>										
	Anti-Idling Campaign - signs, partner with other organizations, training for DPW and CityBus employees									
	Biodiesel/CNG/bulk purchasing plan									
	Evaluate landscaping equipment									
	Diesel Particulate Filters - Diesel pollution control technology/NE Diesel Collaborative									
	Purchasing Hybrid City Buses									
	Efficiency of Registered Automobiles									
	Expand the CityBus to High Schools									

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	Bike Racks on Busses and at City Buildings										
	Develop a Rideshare program for employees										
	Develop a marketing plan that IDs current programs and partners										
	Fuel Efficiency specifications										
	Review and develop purchasing policies that call out energy efficiency requirements										
	Build the purchasing policies into the CIP process										
	Think outside of a CIP										
	Work with CityBus, LWC and other organizations to develop an education campaign about alternative modes of transportation										
<b>Buildings</b>											
	Evaluate the south side of City Hall - purchase of window films, reflective blinds or awnings to block sunlight and reduce daytime temperatures										
	Amend Land use code to close loopholes, requiring all buildings to update systems (i.e., Riverside Drive complex required to have light sensors, however old building does not have to upgrade)										
	Develop a payback chart to show annual rebates from retrofits to municipal buildings										
	Dashboard energy report - access to the measurements of municipal energy use										
	Water sensors on sinks										
	Purchase efficient toilets										
	Collect rainwater										
	Switch to Green Cleaning products										
	Establish recycling programs throughout all public buildings for employees and visitors										
	LED Exit lights										
	Window caulking/insulation										
	Research ways to recirculate air to reduce office illnesses										
	Update energy codes to use gray water for irrigation, etc.										



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<b>Wastewater Treatment</b>										
	Anaerobic Digester									
<b>Marketing/ Outreach/Media</b>										
	Annual Energy Fair at Greeley Park									
	Signage in municipal buildings - Green Thumb									
	Green Team logo and signage									
	Maintain current relationships and develop news ones with the media									
	Create an educational show to air on Cable TV station									
	Continue reaching out to Private entities and citizens									
	Funding research to pay for retrofits and Green Team activities									
	Research ways to use retrofit rebates to create a sustainable fund for future retrofits									

**Priority Criteria**

- # 1. Funding - Is there a source of funding (grant, department budget, pooled resources, rebate, etc.) for this project?
- #2. Champion - Does someone take responsibility for seeing this project through to completion?
- #3. Potential Impact - What would the physical, social, environmental, economic impacts be of implementing this project?
- #4. ROI (financial and non-financial) - Will this project pay back financially through rebates, additional grant funds, private investment, or nonfinancially through private sponsorship, adoption of LEED certification requirement or other policy, reduction in ghgs, etc.)
- #5. Human Resources - Is there enough interest and investment among the Green Team to execute the project? Is this project likely to be implemented at the departmental level and/or City-wide?

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**RETURN ON INVESTMENT**

**FINANCIAL**

**NON-FINANCIAL**

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