

Sustainable Jersey Workshop

Morristown, NJ

Tuesday, May 7, 2013

“Local Leadership on Clean Energy”

Steps to Reduce CO₂ Footprint

and Save Money!

Gray Russell

Environmental Coordinator

Montclair, N.J.

A Climate Showcase Community

Montclair, New Jersey



Essex County

Population
39,000

Urban Suburb

12 Miles West
of Manhattan

Sustainable Montclair

What Steps Are We Taking?

- Waste Prevention, Recycling, and Composting
- Efficient and Renewable Energy: Buildings *and* Mobile Fleet
- Non-Motorized Transport: Bike & Ped Traffic Circulation
- Storm Water Management / N.-P.S. Pollution Prevention
- Water Conservation
- Eco-friendly and Low Impact Yard Care
- Environmental Education and Awareness



Sustainable Jersey

In 2009, the inaugural year of the Sustainable Jersey Program, Montclair became one of the very first towns in the Garden State to achieve certification as a *Sustainable Community*.

Energy Efficiency and Conservation

In 2011-'12, we used the NJ BPU Clean Energy Program's *Direct Install* incentives to invest in H/V/AC and lighting upgrades in several of our municipal buildings, **saving tax dollars** – year after year – by improving our *Energy Efficiency*.

Energy Efficiency and Conservation

A comprehensive upgrade of the lighting in nine (9) municipal buildings – including **Town Hall, the Public Works Building, our Public Safety Building, and two fire houses** – plus a new high-efficiency boiler in one building – had a total project cost of...

\$ 1 7 7 , 0 0 0 .

Energy Efficiency and Conservation

Thanks to the NJ BPU's **Office of Clean Energy**, **60%** of the costs (\$107,000) was covered by their ***Direct Install Program.***

The other **40%** (\$70,000) was paid by our EECBG funds from the US Dept. of Energy.

Energy Efficiency and Conservation

But the best part is...

These upgrades will save the Township around \$ 6 5 , 0 0 0 .

*...last year, this year, next year...
and every year from now on!*

A Climate Showcase Community

In 2010, Montclair was awarded a prestigious competitive grant from the U.S. EPA – with the goal of lowering our town’s carbon footprint – to engage *our entire community* and implement aggressive energy reduction and cost-savings programs.



It's In Our

POWER

Montclair



It's In Our POWER



Montclair



STAY CONNECTED

Sign up to receive email updates about the campaign:

[Take Action](#) | [Background](#) | [Who's Involved](#) | [Events](#) | [Tips & Resources](#) | [Press Room](#)



PLEDGE YOUR SUPPORT

It's In Our Power, so take the pledge and help reduce Montclair's environmental impact!

[PLEDGE NOW](#)

It's in Our Power Pledge Update

Keep track of pledge support and energy reports from around Cherry Hill.

Montclair Pledges:



48!

Be the next, [PLEDGE NOW](#)

It's In Our Power to reduce Montclair's environmental impact

Montclair has committed to getting our community on track to solve the climate and energy crisis within two years! We are asking you to pledge to join us. Over the next two years we will be sending you practical, cost-effective steps. If we all do them, then Montclair will be on track to solve this crisis. Click on the Pledge Now button and join us!



LATEST NEWS!



OurPowerMontclair on Facebook

You like this. Unlike

Take Action

It's In Our Power will provide you and everyone in town with hands-on assistance to cut energy bills, create a cleaner, healthier community, and protect our planet for future generations. Pledge to join today!

Yes, I pledge to:

- Join the two year campaign and do my part to solve the energy and climate crisis
- Take the first step by following these energy tips:
 - Replace ALL incandescent light bulbs with CFL bulbs
 - Purchase ENERGY STAR appliances
 - Get a Home Energy Audit
- Want to do more? Volunteer to help organize the campaign

Email Address (required)

- Check the box to join our mailing list and receive periodic campaign updates.

First Name

Last Name

Phone

 () -

It's In Our Power, so take the pledge and help reduce Montclair's environmental impact!

PLEDGE NOW

LATEST NEWS!



[OurPowerMontclair on Facebook](#)

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OurPowerMontclair
Please like this page so we can get rid of the clumsy stuff that follows OurPowerMontclair in the URL

January 27 at 2:04pm

OurPowerMontclair We're on NJ.com:
http://www.nj.com/news/local/010/10/montclair_hopes_to_er_ml





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Admins (2) [?]



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- Info
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Tom Kean is an old-school Republican from the days when responsibility and conservation out-weighed political considerations.



EnviroPolitics Blog: Former NJ Gov. raps current NJ Gov. on RGGI pullout

enviropoliticsblog.blogspot.com

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It's In Our

POWER

Montclair

www.OurPowerMontclair.org



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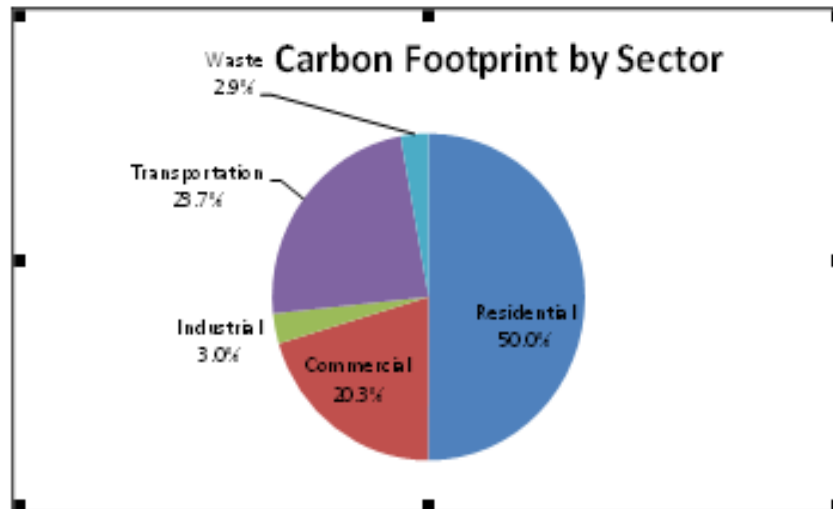
Township of Montclair
Climate Showcase Communities
Carbon Emissions Reduction Plan

3. Greenhouse Gas Inventory for Montclair

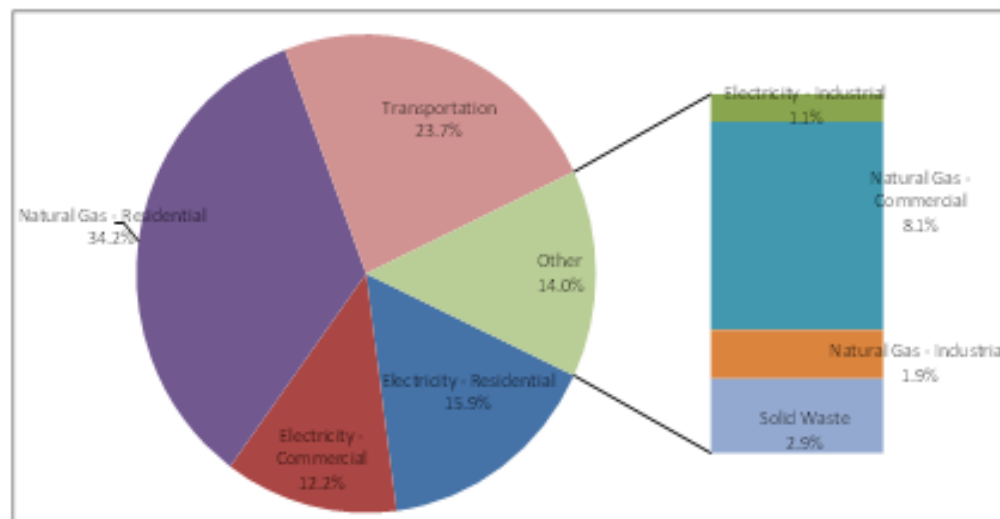
Below is the Carbon Footprint for Montclair:

Category	Metric Tons
Electricity - Residential	60,982
Electricity - Commercial	46,849
Electricity - Industrial	4,106
Natural Gas - Residential	131,179
Natural Gas - Commercial	31,242
Natural Gas - Industrial	7,343
Solid Waste	11,085
Transportation	91,158
Total Emissions - 2009	383,944

The chart below details the major sources of carbon emissions in Montclair. The three largest sectors of the footprint are: (1) Residential 50%, (2) Transportation 24%, and (3) Commercial 21%.



The following chart gives a more detailed breakdown of Montclair's carbon footprint by breaking down the various sectors into energy sources:



Gray Russell
Environmental Coordinator
grussell@montclairnjusa.org

Dear Montclair Commercial Building Owner:

Montclair has made an important commitment to lower our town-wide energy usage to save money, make our town more economically competitive, and position us among a handful of national leaders helping to prevent climate change. We are asking you to help us reach our goal, and financial incentives are available for buildings like yours from NJ's **Direct Install Program**.

Montclair's climate campaign is called "*It's In Our Power*"; the full energy reduction plan for our community is available at www.OurPowerMontclair.org.

We are asking you to commit to becoming a "Montclair *Our Power* Business Leader." As a leader of the campaign your support will help our community reach its goals. Plus, you'll save on monthly utility bills. And now NJ's **Direct Install Program** can pay 60% of equipment upgrades!

By committing to the campaign, we would ask you to do the following three actions:

1. Arrange to have a professional energy assessment of your building(s), and then make any money-saving upgrades that are recommended;
2. Commit to purchasing only Energy Star-compliant appliances and office equipment for use in your buildings; and,
3. Help educate your building's tenants about Montclair's "It's In Our Power" campaign by distributing educational flyers at your place of business.

The Montclair *Our Power* Business Leaders will be a key to our success. Therefore, we are proud to recognize you. Each Business Leader will be recognized in the following ways:

- You will be listed as a Business Leader on the "Our Power Montclair" website;
- Exemplars will be profiled in-depth on the "Our Power Montclair" Website, featured in a Montclair Times article, and in similar articles we will submit to The Star-Ledger;
- Your business or building will be featured on TV-34's "The Buzz" or "News & Views";
- You will be recognized and thanked in a public Service Announcement on TV-34.

Thank you. We urge you to become a Montclair *Our Power* Business Leader. And remember that the NJ **Direct Install Program** can help you save on upgrading the equipment you need to improve your building, make it more comfortable for tenants, and cut your monthly energy bills.

Opportunity for Local Commercial Building Owners

A new Small Business Program to help save money!



The NJ Office of Clean Energy's "Direct Install" Program will PAY 60% of the TOTAL Cost to replace your Furnaces, Boilers, Central Air Conditioners, and Qualified Lighting...*right now!*

- Montclair's Municipal Buildings have already taken advantage of this program's energy efficiency upgrades;
- Your building's energy assessment is included for **FREE**;
- No rebates or excess paperwork;
- Quality, Energy-Efficient units: Trane, Carrier, York;
- Completely "turn-key": State Facilitators take care of all permits, labor, materials and removal of existing units

**Call Gray Russell to schedule your FREE Energy Assessment;
Get Started to Go Green & Save Green, and Start Saving NOW!**

We can change the world... **one town at a time!**

*Let's Make Our Towns the Starting Point
On the Road to Transforming our Future...*

Thank you very much.
If you have any questions,
please ask me!



Contact Info:

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www.montclairnjusa.org