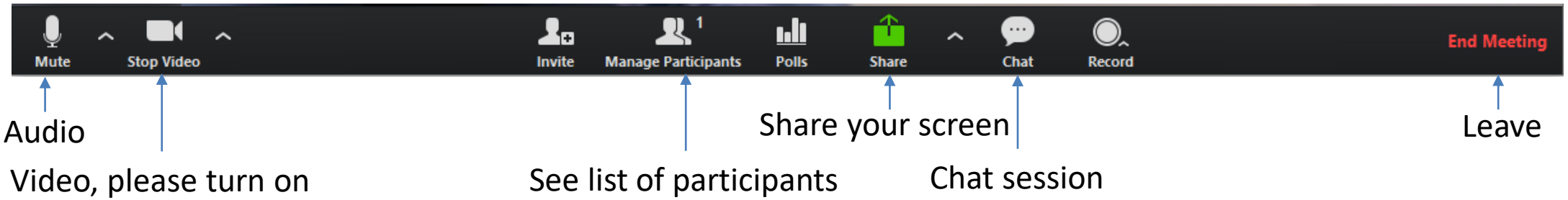
CROTON CLIMATE ACTION

NEXT STEPS

July 20, 2020 | Community Videoconference | croton100.org

How to join the videoconference

1. Find a comfortable chair, brew a nice cup of tea
2. Join from PC, Mac, iOS or Android: https://meetings.ringcentral.com/j/9748701484
   Or iPhone one-tap: +1(773)2319226,,9748701484#
   Or Telephone: +1 (773) 231 9226, meeting ID: 974 870 1484
3. International numbers available: https://meetings.ringcentral.com/teleconference
4. You have a choice of computer audio (preferred, if you have a strong internet connection) or getting audio through a traditional telephone
5. Make sure your speaker volume is up and your microphone is unmuted when you are speaking; otherwise, please stay muted to reduce background noise
5. If you have any technical difficulties, please contact Chandu Visweswariah at (202)253-3972



Agenda

Topic	Speaker
Team Updates	Leo Wiegman
“Power to the People” (Croton Community Solar)	Leo Wiegman
Brief campaign updates	Promoting Green Power – Joel Gingold Couch Carbon Cutting – Sheryl Goldberg Operation Office Hours – Leo Wiegman and Rachel Bernstein Operation Thunderbolt – Leo Wiegman Fundraising – Karen Moy and Leo Wiegman Partnerships – (Rachel Bernstein and) Leo Wiegman
CURE100 Panel Discussion	Chandu Visweswariah (moderator) Tim Dinger (Croton100) Patty Buchanan (Croton100) Bob DeAngelis (Yorktown100) Joe Montuori (Putnam100 / Sustainable Putnam) Eda Kapsis & Asha Bencosme (Ardsley100) Leo Wiegman (Croton100)

Team Updates

Please see https://croton100.org/about-us for updates to the Croton100 board

Also, Adlin Hadad is taking a hiatus from “Director of Communications”

Patty Buchanan has taken over the monthly newsletter

Susan Sammon and Sonia Ferrante have taken over social media

Many thanks to all for their service!

New Board composition:

- Leo Wiegman, President
- Chandu Visweswariah, Vice-president
- Mary Florin-McBride, Treasurer
- Patty L. Buchanan, Secretary
- Daniel Oppenheim, Director
- Steven Bluestone, Director

Leo Wiegman

Power to the People (Community Solar)

Leo Wiegman

Community Solar on Route 129

- Installed on DPW building on Route 129 by our very own Croton Energy Group (https://crotonenergy.com/)
- Owned by Ecogy Energy (see https://ecogyenergy.com/croton-community-solar)
- 301 kW dc, annual production = 344,000 kWh
- Total lease payments to the Village = $726,461 over 27 years
- Will supply power to 45 families
- Sign up to immediately start saving 10% on your electricity bill
- Perfect for renters or those without sunny roofs/backyards (must have your own electric meter)
- Learn about community solar by watching this NYSERDA video https://www.youtube.com/watch?v=vmV_3trbsQo&feature=youtu.be
- See the blog on Croton100 at https://croton100.org/blog/f/power-to-the-people-community-solar-comes-to-croton
- Apply for the program at https://ecogyenergy.com/croton-community-solar
- Put in “Croton100” or “Croton Energy Group” as the choice of how you heard about this, and CEG will donate the finder’s fee to Croton100!

Leo Wiegman

Community Solar Environmental Benefits

Est. Lifetime Production: 8,055,660 kWh*

This is equivalent to the CO2 emissions from:

- 640,899 Gallons of gasoline consumed
- 13,187 Barrels of oil consumed
- 964 Homes' electricity use for one year

This is equivalent to Carbon sequestered by:

- 94,179 Tree seedlings grown for 10 years
- 7,438 Acres of US forests in one year
- 38.5 Acres of US forests preserved from conversion to cropland in one year

Leo Wiegman

Construction will be completed this week!

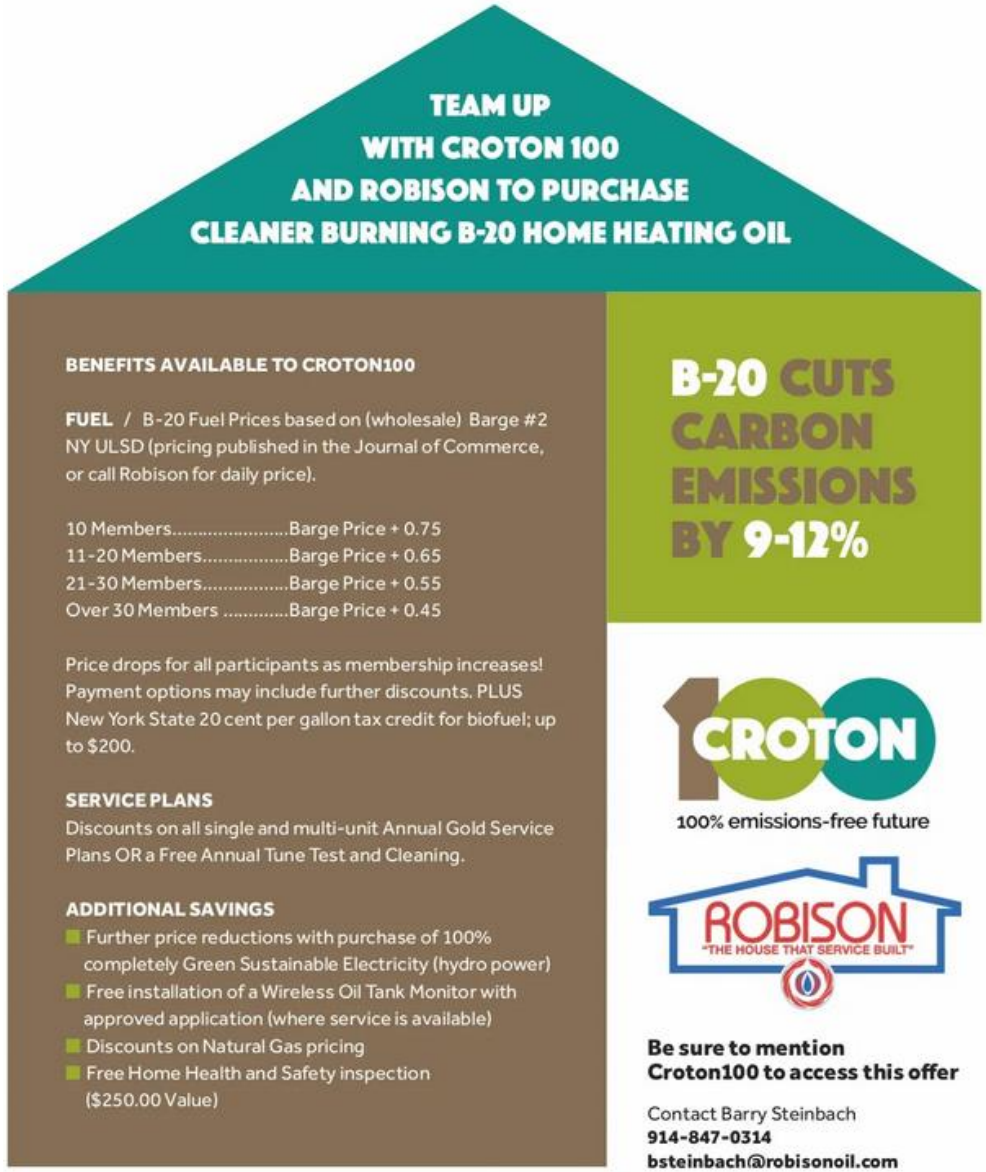
Community Solar

Joel Gingold

Promoting Green Power

- Assembling list of eligible businesses, both (smaller) for participation in Community Solar and (larger) for formation of a purchasing group
- Draft invitation letter and survey for purchasing group have been completed; to be promulgated when conditions are favorable
- Second Community Solar
  - Working towards installing parking lot solar canopies at Croton Landing
  - Est. ~480 kW (vs. 301 kW on village DPW garage)
- Third Community Solar
  - Parking lot canopies at railroad station
  - Early in development process
  - Received ~20 expressions of interest from qualified contractors
  - Proposals expected this fall
  - Potential up to ~3 MW

Operation Couch Carbon Cutting: B-20



Leo Wiegman, Rachel Bernstein

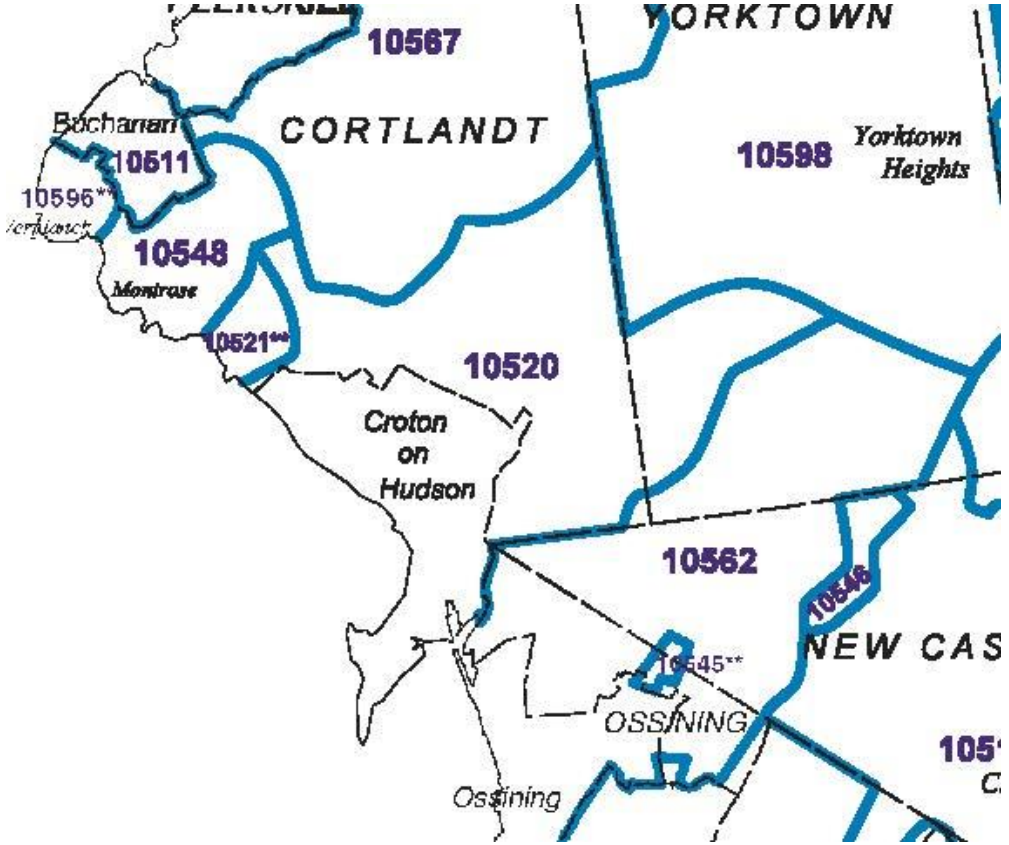
Operation Office Hours

- We have held 7 Office Hours to date with 40 participants total
- Great news: sign-up calendar now available at Croton100.org
- We are taking a short hiatus until Labor Day and will resume first week of September
- Participants need to be recruited (Caring Committee Board, Recreation Advisory Committee all pending)
- Spring sessions were held with Pollinator Neighbors, Care for Creation, Croton Diversity and Inclusion Committee, Croton Conservation Advisory Council, Bike Ped Committee and Saw Mill River Audubon and others
- Looking for volunteers to engage a group of 8 or more for the planned dates or other later dates
- Presenter team includes Leo, Dan, Chandu and Eliza

Leo Wiegman

Operation Thunderbolt

- Town board and supervisor do not want to pursue a town-wide community choice aggregation at this time
- Westchester Power is looking into how it can set up a CCA for the 10520 zip code area within the Town of Cortlandt
- Meanwhile, Carmen d'Angelo says council is ready for a presentation on the program
- Westchester Power has ready-made material that we can use



Karen Moy, Leo Wiegman

Fundraising

- Application submitted to New York State Pollution Prevention Institute Community Grants Program
  - Asked for $20K to support helping houses of worship reduce carbon footprint, and to reach congregants' individual households for engagement in emission reduction
  - Yorktown100 is a collaborator on the project
  - Notification will come in July, if successful we start in August
- NYSERDA funding
  - We are preparing an unsolicited proposal with Croton100 and Sustainable Westchester as co-applicants to seek significant funding from multiple programs, e.g., the Heat Smart Program (Scott Smith) or Clean Energy Communities (Brad Tito) or NYS DEC Climate Smart Communities Program

Partnerships

Saw Mill River Audubon - Pat Callahan (partnership committee member) and Tom Ruth of SMRA partook in Office Hours on July 8!

Rachel Bernstein has laid out three early steps for Croton100 partners:

1. Recruit groups of leaders and members of the organization to attend a one-hour carbon audit session (Office Hours) , as a way to inspire them to measure and then make plans to reduce household carbon footprints
2. Work with organization to measure and make plans to reduce institutional buildings' carbon footprint
3. Co-promote events when appropriate, share ideas and resources, work together on projects

Additional option: add logo from partner to the C100 website

Partnerships

Cornell Cooperative Extension
Dutchess County

The 11-session Energy Navigator Training will be held online on Tuesdays from 6 – 8 PM (beginning August 18th) OR Wednesdays from 10 -12 AM (beginning August 19th) via Zoom. Please choose either the morning or evening option. After the training, monthly gatherings will be held to support Navigator outreach activities and share additional information.

Application Deadline: Sunday, July 19th, 2020

Return to: dr598@cornell.edu or Hazel Robin, CCE Dutchess County, 2715 US Route 44, Millbrook, NY 12545. You may also apply online at http://ccedutchess.org/energy/energy-navigator-volunteers

Questions? Contact Hazel Robin, Mid-Hudson EN program coordinator, at dr595@cornell.edu.

CURE100

Panel Session

Chandu Visweswariah	Croton100	Moderator
Patty Buchanan	Croton100	
Tim Dinger	Croton100	
Leo Wiegman	Croton100	
Bob DeAngelis	Yorktown100	
Joe Montuori	Putnam100 / Sustainable Putnam	
Eda Kapsis	Ardsley100	
Asha Bencosme	Ardsley100	

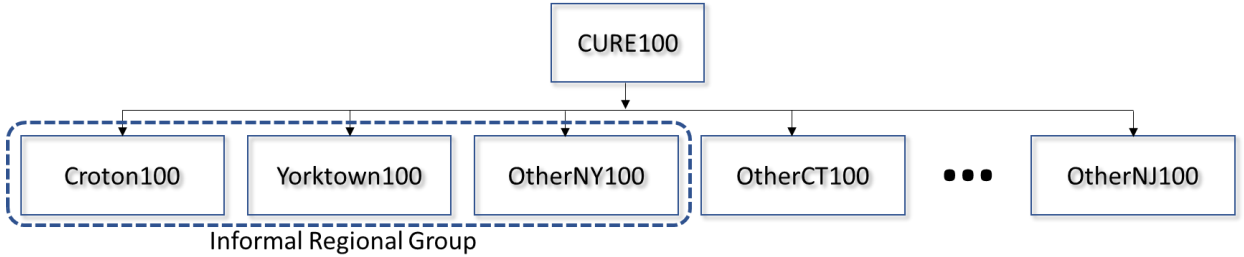
Introduction

What is CURE100 (**C**ommunities **U**nited to **R**educe **E**missions **100**%)?

See Master Plan at https://img1.wsimg.com/blobby/go/828a7b85-ec07-4c57-a6ef-5db41c31cf37/downloads/CURE100%20Master%20Plan%20v16.pdf?ver=1594505922528

CURE100

Introduction (Chandu)



Legal Status (Leo)

Status of consultations with Pro Bono Partnerships and Weil, Gotshal

No filings required with IRS, changes in bylaws required to allow a loose federation of chapters

Carbon Tracker Licensing Status (Tim)

Licensees so far include Bedford2020 and Yorktown100 (with Sustainable Putnam, Sustainable Hudson Valley, Ardsley100 right behind them)

Demo well-received by Director of Sustainability at New Rochelle

Sample Greenhouse Gas Inventory that we can produce for any community (Patty)

See next pages

Remarks by Yorktown100, Putnam100 and Ardsley100

Irvington GHG Inventory (Zip code 10533)

Background information

The information contained here is from Croton100's Carbon Tracker app

The Carbon Tracker app can generate a Greenhouse Gas inventory like this one for any zip code in the country

Having a baseline Greenhouse Gas inventory allows us to set quantified decarbonization goals and measure progress along the way

The Carbon Tracker app combines data from multiple sources; the information in this document is primarily from the Berkeley Cool Climate study (2014), physical constants published by the Environmental Protection Agency (EPA) and Emissions and Generation Resource Integrated Database (eGRID) also published by the EPA

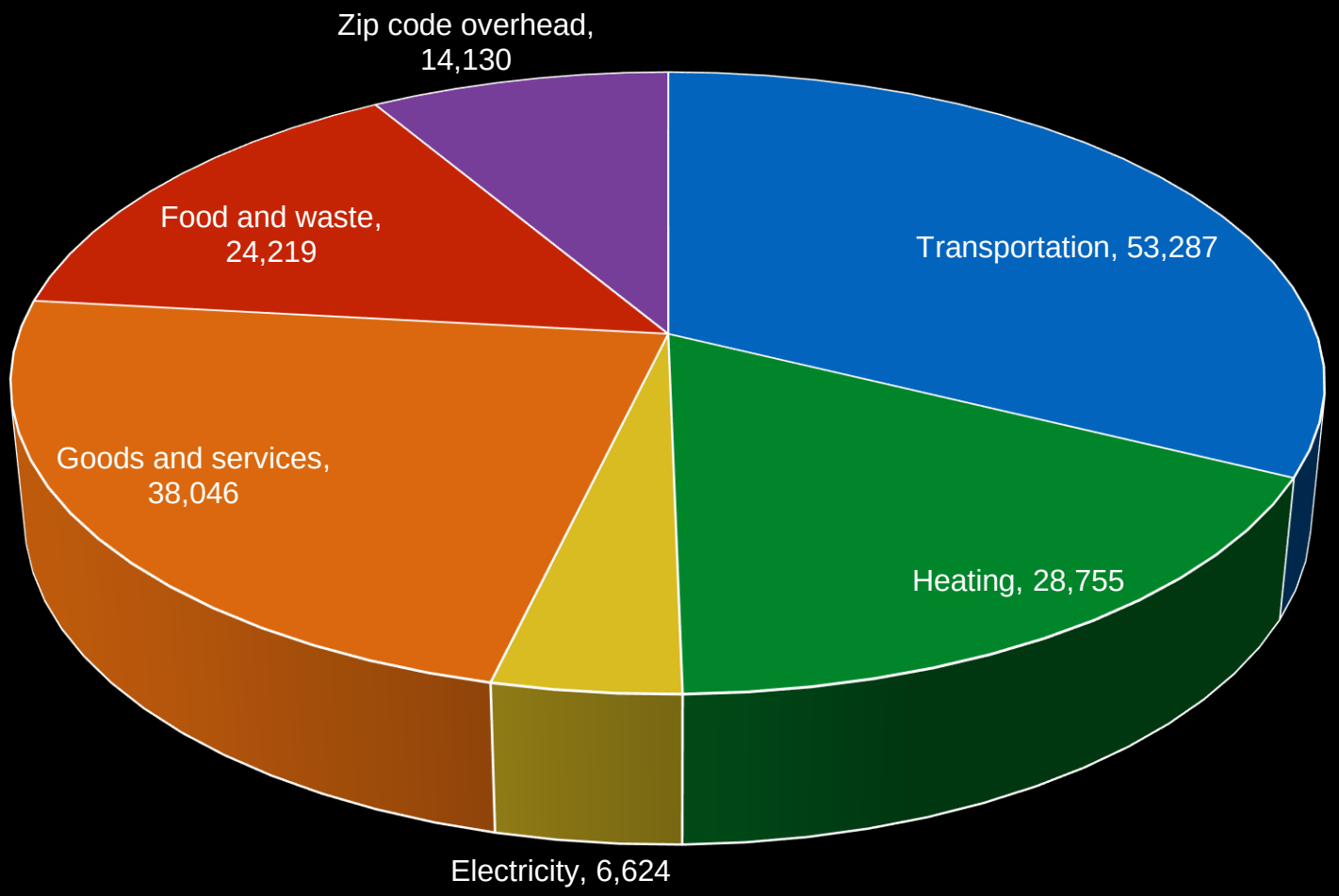
We include all emissions (production/consumption and scope 1, 2 and 3)

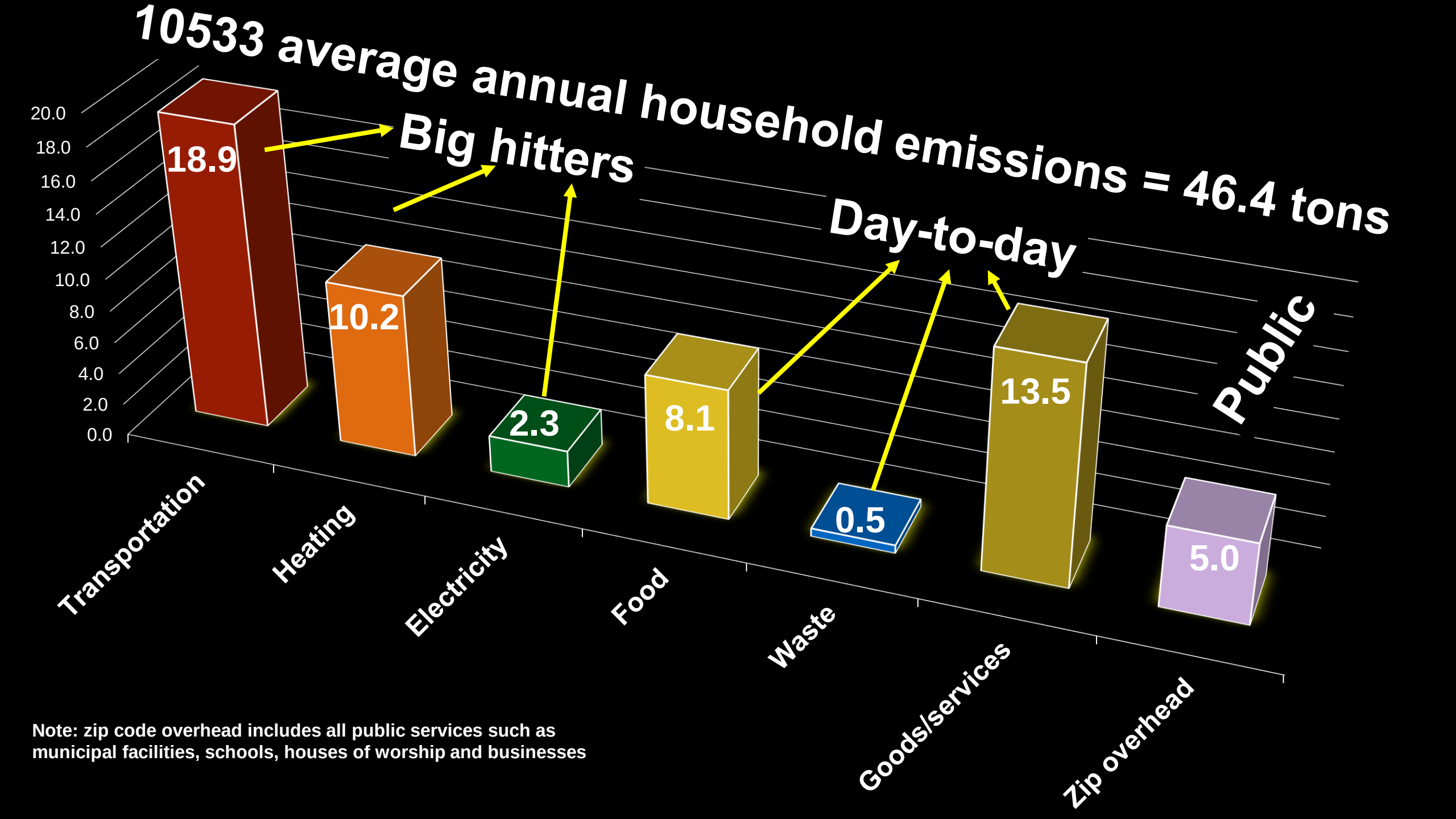
High-level statistics (↑ above average, ↓ below average)

- Zip code 10533
- Population = 7,464 (2014 Berkeley) → 6,473 (2019 census.gov)
- Households = 2,826 (2014 Berkeley) → 2,413 (2019 census.gov)
- Electricity per household per year = 8,285 kWh (-)
- Natural gas per household per year = 46,238 cu. ft. (↑)
- Fuel oil per household per year = 298 gallons (↓)
- Vehicle miles traveled per household per year = 24,506 (↑)
- GHG emissions per household per year = 58.4 tons (↑)
- GHG emissions per person per year = 22.1 tons (↑)
- GHG emissions per day community-wide = 452 tons of CO_2e

Greenhouse gas statistics community-wide

- Total greenhouse gases = 165,062 metric tons of CO_2e per year

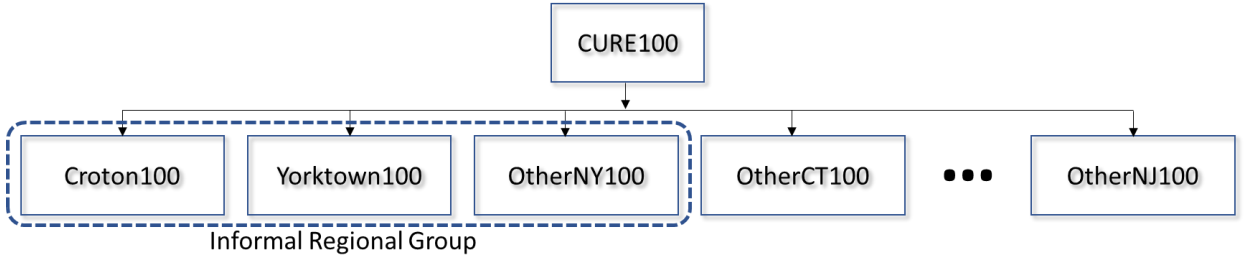




Note: zip code overhead includes all public services such as municipal facilities, schools, houses of worship and businesses

CURE100

Introduction (Chandu)



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Why Join CURE100?

R. DeAngelis – Founder of Yorktown100

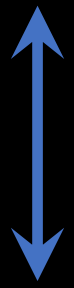
Yorktown100

Zero Net Carbon Emissions by 2040

Why join CURE100?

- I believe in the methodology and the goals

1. Calculate your carbon footprint (individual or group)
2. Own it
3. Learn how to reduce it
4. Make changes
5. Monitor progress



We share and help along the way

- It’s all about communications and driving engagement and ownership
  - How to reach people
  - How to drive change
  - Personal neighbor to neighbor contact
  - Continue to try new ideas

Why join CURE100?

- Working in diverse teams
  - There is nothing we cannot accomplish
- It can be lonely
  - Share common goals and ideas
- Skills
  - Not every team may have all the skills they may need
- Focus on getting the work done, not the administration
  - No need to form a 501(c)(3)
  - No need to get quotes and purchase insurance
    - Insurance is important – enabler to getting work done
  - No need for annual tax returns (but each chapter needs to provide annual accounting information in a regimented format)

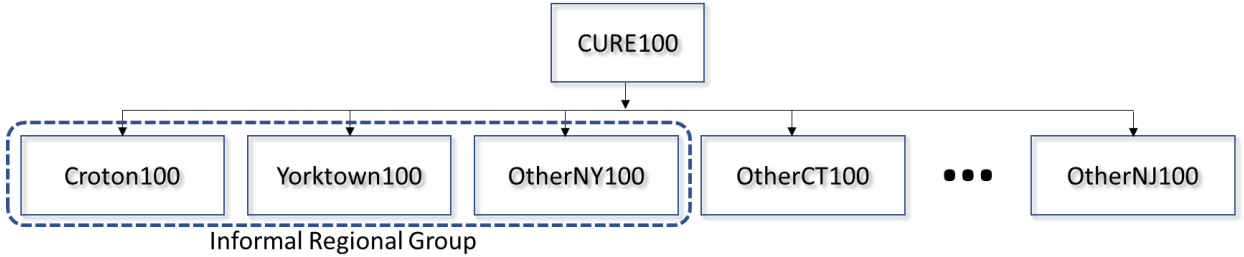
Why join CURE100?

- Gain access to resources already developed
  - Web page resources
  - Events
  - Carbon tracker software
  - Programs and initiatives
    - See what has worked and what has not

  - Freedom to pursue your own initiatives and contribute to shared resources
  - Impact more than just your town
  - Work on regional initiatives
  - Share best practices!
  - Have some fun

CURE100

- Introduction (Chandu)



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Call to Action

- If you have an oil furnace, sign up for Biodiesel B-20 by emailing Sheryl Goldberg at goldbergs@optonline.net
- If you don't already have solar (and have your own electric meter), save money by signing up for community solar at https://ecogyenergy.com/croton-community-solar
- Join the next Office Hours session to determine your own carbon impact, sign up on our Campaigns page at https://croton100.org/campaigns
- If you have an idea to bring a group to an upcoming Office Hours session, email Leo Wiegman at leo.wiegman@gmail.com or Rachel Bernstein at rachelb@bestweb.net
- Have a plug-in hybrid or electric vehicle? Sign up for Smart Charge New York and save money by charging at night and avoiding peak times during the summer. Use the referral code https://www.fleetcarma.com/smartchargenewyork/?referralCode=85626012 and Croton100 will get a $25 referral fee!
- Read our CURE100 master plan (posted on our Resources page at https://croton100.org/resources) and provide feedback
- If you have an idea for a blog, contact Patty Buchanan at pattylbuchanan@hotmail.com
- If you know a community that might be interested in CURE100, have them contact Patty Buchanan at pattylbuchanan@hotmail.com
- Mark your calendar for the next community meeting: Monday, August 17 from 7:00 to 8:15 p.m.