Medford Energy & Environment Committee (MEEC) Agenda
March 1, 2021 @ 6:30 PM
Via Zoom Virtual Meeting Connection (connection information below)

Office of Energy and Environment: Alicia Hunt
Committee Members: Luke McKneally (co-chair), Bob Paine (co-chair), Barry Ingber, Lauretta James, Kathleen McKenna, Nicole Morell, John Rogers, Dave Hampton, Martha Ondras, and Jessica Parks

Attendance: Luke McKneally (co-chair), Bob Paine (co-chair), Barry Ingber, Lauretta James, John Rogers, Dave Hampton, Nicole Morell, Kathleen McKenna
Staff: Alicia Hunt, Naina Chawla
Guests: Sam Glaser, Aggie Tuden, Benjie Hiller, Sue Brown

1. Administration 6:30-6:50
   - Greetings, roll call, and introductory remarks
     - Guests: Sam Glasser, Aggie Tuden, Benjie Hiller, Sue Brown
     - Alicia: Wind Turbine - 30-35 mile winds since this afternoon!
   - Review of minutes from February 1, 2021 meeting
     - Minutes approved
   - Administrative updates from Alicia Hunt, including committee memberships
     - Many public meetings coming up - See City calendar
     - Barry: New member recruit update?
       - Alicia: Mayor sent one resume that she received, Alicia has sent it to the chairs of the committee for opinions. Mayor requires a form to be filled out to become a new member → Link [here](#)

2. Event planning for 2021- Alicia (spring, summer, HYEF) 6:50-7:00
   - Alicia: Hoping we will be able to host the Harvest Your Energy Festival (HYEF). Have not received confirmation from the Board of Health yet, but it is looking likely that by the fall we will be able to hold events again depending on vaccine rollout
   - Assuming the HYEF can happen, the committee voted for October 17, 2021 as the tentative date. Alicia will confirm this tentative date with the Mayor
   - Potentially having a Green Awards Program - Can discuss at a later date
   - Name of festival: 2021 HYEF since we skipped a year last year
   - Other events/festivals e.g. Medford Day → Alicia will be checking on those events

For accommodations please call in advance: 781-393-2137 or TTY: 781-393-2516

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3. Tufts Environmental Conference (March 11-13) – Sam Glaser 7:00-7:15
   - This past weekend, the website was created for all the events for the TEC
   - Same weekend as the MIT conference: March 11-13
   - Website link: [https://environment.tufts.edu/tec/](https://environment.tufts.edu/tec/)
   - All information about agenda, registration, speakers are accessible through the website. Recordings will be posted after the conference to those who have registered and will be available to watch for a year.
   - Posting/Sharing the link to the Conference: It can be posted on the energy website, Go Green Medford, Facebook/Twitter, Share the message/email/post to your contacts. It is remote, so anyone can watch it.
   - $5 admission fee
   - Bob will write a quick summary/email about the Conference and will forward it to Alicia
   - Logo: Go Green Logo will be easiest for us to get permission

4. Tree report / ordinance / legislation – Nicole 7:15-7:35
   - Legislative point: Tree Report
   - Tree Ordinance (2019) is in the Zoning Subcommittee, Nicole is not on that subcommittee, members of the E&E could encourage City Councillors to discuss it in the subcommittee. Councillor Falco (Chair), Scarpelli & Knight are on the SubCommittee.
   - Lauretta: Tree Canopy Bill presented to the State legislature for all the cities. Several people involved in sponsoring the bill; Alicia encouraged pulling out specific points that are most relevant for the state legislature.
   - City has a new zoning consultant - nothing has been voted on yet. One of the ideas brought up is performance standards, and landscaping and trees specifically. Lauretta mentioned there should be collaboration within the city. Alicia mentioned that the zoning might include design standards. The city is in the process of creating a list of "on call" landscape architects for public projects. Received 18 proposals so far.
   - Could edit the Tree Report to pull out the specific landscape/design requirements and put together a small document to send to Alicia/Zoning Consultant/Community Development Board. Will discuss offline.
   - Martha: Can we access the Tree Bill at the State level? Alicia mentioned the summary will be coming out soon (eg MAPC). Alicia said she can reach out to the Metro Mayors Climate Task Force (next meeting at the end of March), where a Legislative update is provided.
   - Shared in the chat: Municipal Reforestation Program: [https://malegislature.gov/Bills/192/HD3032](https://malegislature.gov/Bills/192/HD3032)
   - Tree Report was incorporated in to the Climate Action and Adaptation Plan

5. Update on the Massachusetts Climate Bill (2021) – Bob 7:35-7:40
   - Bob presented on the Massachusetts Climate Bill
   - Shared slides: brief summary of the bill (same as last month)
   - Passed by the Legislature, Governor vetoed it
   - Same bill passed, Governor returned with suggested amendments. Likely, amendments will be made and sent to the Governor
   - Amendment suggestions: See slides shared by Bob
   - There is majority in the legislature to override future veto. Likely to happen this Spring.

6. Review of flood risk studies associated with climate change – Bob/Alicia 7:40-7:45
   - Bob shared slides regarding flood/storm surge updates

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Shared various studies completely recently/underway
  - Links available in slide deck
  - FEMA coast flood zones for MA
  - Fiscal Risks

Alicia’s updates
  - Woods Hole Group did some models about flooding/storm surge since 2015.
  - There is work being done to potentially harden the Amelia Earhart dam to prevent salt water damage
  - Maps from Wood Holes Study - Boston Area modeling for storm surge (2050 predictions coming in the newest modeling)
  - Cambridge is leading an initiative with the Resilient Mystic Collaborative regarding storm surge, currently in the early stages

7. Review of resources available from the Green Energy Consumers Alliance – Bob 7:45-7:55
   - Bob shared slides on the Green Energy Consumers Alliance
   - Barry Ingber was Executive Director for 7 years
   - Can help Medford with Outreach → See website for more details
   - Bob particularly presented the programs on this page https://www.greenenergyconsumers.org/programs

8. Subcommittee reports and discussions for 2021 activities 7:55-8:20
   - Promoting Solar Energy (Barry, Luke, and Bob)
     - Barry: Nothing to report
   - Tree and Urban Canopy Management (Lauretta, Luke, and Martha)
     - Mentioned above already
   - Building Energy Management (Dave, Lauretta, Kathleen, Luke, Jessica, and Martha)
     - Luke: Nothing to report
   - Transportation Management (Barry, Bob, and Martha)
     - Bob shared slides for Transportation Management
     - Slides include: Issues of concern & focus, Path Forward: watch Mass Climate Bill, Work with Green Consumers Alliance, Medford Groups, MAPC, new GLX station
     - Alicia: The City got a Shared Streets grant due to the pandemic. As soon as DPW gets the permission, we can put in the express bus lane (pilot express bus on Route 38) - It is a shared grant with Somerville.
     - Recently received another grant: Winter Shared Streets to install Bus shelters. have to install them by May 31.
     - Have applied for another grant, not been awarded yet: Joint with Malden to get Bluebikes stations. Significant up front cost and annual operating cost.
   - Energy Educational Forums (Lauretta, Kathleen, Bob, and Jessica)
     - Tufts Energy Conference (see above)
     - Consider a spring webinar by MAPC/Green Energy Consumers Alliance
     - Consider another November webinar with Tufts
     - Alicia: Last weekend in April is the weekend is the City Nature Challenge and Medford Recreation is hosting a scavenger Hunts (May 15 throughout the city)
     - See Recreation website for more events & details → Link here.

9. New Business 8:20-8:30

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Nothing to report at this time.

10. Adjourn 8:30

Community Development is inviting you to a scheduled Zoom meeting.

Topic: Energy and Environment Commission Meeting

Time: March 1, 2021 06:30 PM Eastern Time (US and Canada)

Join Zoom Meeting

https://zoom.us/j/96291215902

Meeting ID: 962 9121 5902

One tap mobile

+19292056099,,96291215902# US (New York)

Dial by your location

+1 929 205 6099 US (New York)

Meeting ID: 962 9121 5902

Find your local number: https://zoom.us/u/aVXjXTo94

Anyone wishing to send comments or questions to the meeting can send email to enviro@medford-ma.gov

The meeting recording will be available on the committee website within a few days:
https://medfordenergy.org/gogreen/medford-energy-committee/

Pursuant to Governor Baker’s March 12, 2020 Order Suspending Certain Provisions of the Open Meeting Law, General Laws Chapter 30A, Section 18, and the Governor’s March 15, 2020 Order imposing strict limitations on the number of people that may gather in one place, this meeting of the City of Medford Energy & Environment Committee is being conducted via remote participation. No in-person attendance of members of the public will be permitted, but every effort will be made to ensure that the public can adequately access the proceedings as provided for in the Order. Persons who would like to listen to or view this meeting while in progress may do so by accessing the link that was included on the meeting agenda posted on the City of Medford website. If, despite our best efforts, we are not able to provide for real-time access, we will post a record of this meeting on the city’s website in the near future at the link provided in the meeting agenda.

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Medford Energy and Environment Committee Members

Luke McKneally (co-chair): registered architect with in-depth experience in energy-efficient, environmentally responsive design and the use of renewable energy in buildings. He is an Energy Engineer at ICF, implementing MassSave Passive House incentives for multifamily development in Massachusetts to encourage best practices and the highest performance possible with minimal project cost implications.

Bob Paine (co-chair): Certified Consulting Meteorologist and Qualified Environmental Professional. Experience in meteorology and air pollution studies and consulting. Associate Vice President at AECOM, a company that focuses on areas of air quality consulting, engineering, and compliance, climate adaptation, and PFAS mitigation.

Barry Ingber: has spent most of the past four decades with non-profit organizations that serve low-income communities and work for a more sustainable and affordable energy future. Most recently, he managed energy programs for Tri-City Community Action Program. Previously, as Executive Director of MassEnergy, he founded the state’s first and largest green power program, and the nation’s first non-profit renewable energy coop.

Lauretta James: is a real estate agent and Realtor®. She works within the Committee to design and promote energy, sustainability, and environmental programs and events to educate and benefit residents and businesses. Her background includes working in the elevator industry, event organizing, and art and design. She was previously President of the Massachusetts Elevator Safety Association.

Kathleen McKenna: environmental engineer at Commercial Construction Consulting, Inc. (C3), which deals with LEED and sustainability consulting, energy audits, and implementation. She is secretary of the New England Chapter of The Association of Energy Engineers. Kathleen served in the role of community solar coach for the very successful 2013 Solarize Mass Program, when she coordinated the community outreach process, answered questions from residents and businesses, and was the main point of contact for community members.

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Nicole Morell: currently a member of the Medford City Council. She is the communications specialist in the MIT Office of Sustainability where she is tasked with educating and engaging the community in campus sustainability efforts focused on emissions, climate resiliency, materials management, and more. Nicole has volunteered for many campaigns for progressive candidates and issues and joined the committee to help advance Medford's green future and protect its many green spaces.

John Rogers: extensive background in energy conversion (motors, batteries, chargers, power grid, electric vehicles). With Solectria, he worked on the electrical system for the “Solectria Sunrise” EV and on their Grid Tied Solar Inverters. With Azure Dynamics, he worked on a Ford E250 Electric Van Prototype and on the onboard charging system for Ford’s Transit Connect Electric. He now works for Instrumentation Laboratory - Bedford, MA.

Dave Hampton: Climate Resilience Associate at The Cadmus Group, practicing at the intersection of climate adaptation, international development, and resiliency planning with 20+ years’ experience in architecture, planning, and construction. His experience includes post-disaster recovery, sustainable development, humanitarian design, living systems integration, high-performance energy-efficient buildings, and materials reuse. His work brings people, nature, and the built environment together to adapt to a changing climate.

Martha Ondras: with a Master’s degree in environmental health at Tufts, she is a research associate at the Health Effects Institute (HEI) in Boston, working on air quality research. HEI provides high quality, trusted science for cleaner air and better health. Prior to pursuing a second career in environmental health, she retired from the post of Director of Design at Harvard Business School.

Jessica Parks: with a background in sustainable design and urban planning, she has experience in developing greenhouse gas reduction plans, driving energy efficiency projects, and establishing energy reporting protocols. She is currently a Senior Project Manager at MIT for projects under the campus-wide Greenhouse Gas (GHG) program. Jessica hopes to utilize her experience and expertise to help create opportunities for community engagement and education in support of a more sustainable and resilient Medford.

**Medford Energy and Environment Committee Municipal Staff**

Alicia Hunt: Director of Energy & the Environment as well as the Environmental Agent for the City of Medford. Alicia started working with the city in 2010 as the Energy Efficiency Coordinator and has done a lot of energy efficiency work on the City’s buildings. She facilitated the City’s Green Communities designation and works to bring in energy and environment related grants and programs to the City of Medford. Alicia is a Medford resident who brings her green knowledge to other Medford organizations in her spare time.

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