

City of Medford

Medford Energy & Environment Committee
City Hall Room 205
Medford, MA 02155
781-393-2137

enviro@medford.org www.medfordenergy.org



GO GREEN | Medford

Medford Energy & Environment Committee (MEEC) Agenda May 2, 2022 @ 6:30 PM

Via Zoom Virtual Meeting Connection (connection information below)

Office of Energy and Environment: Alicia Hunt

Committee Members: Luke McKneally, Bob Paine (chair), Gaston Fiore (future co-chair), Paul Taslimi (future co-chair), Barry Ingber, Laretta James, Kathleen McKenna, Nicole Morell, John Rogers, Dave Hampton, Martha Ondras, Jessica Parks, Chris Hogan, and Benji Hiller.

1. Administration 6:30-7:00
 - Greetings, roll call, and introductions of guests
 - Review of minutes from April 4, 2022 meeting
 - Administrative updates from Alicia Hunt
 - Scheduling the MEEC summer meeting
 - Update on Harvest Your Energy Festival plans

 2. Plans for the June 18, 2022 Circle the Square event (3-7 PM; 7:00-7:30
see <https://www.cacheinmedford.org/circle-the-square/>). We would like to plan for either handouts or posters on advice for Medford residents on the following topics:
 - 1) solar energy options for residents (including existing references; see for example, <https://www.framinghamma.gov/2754/A-Guide-to-Going-Solar>).
 - 2) Medford's tree / urban canopy benefits, challenges, and plans for the future
 - 3) Residential building energy management with MassSave audits and consideration of heat pump systems
 - 4) transportation issues in Medford: public transportation options (especially with pending arrival of the Green Line Extension), increased use of electric vehicles, promotion of biking and walking.
- The draft materials will be reviewed at the June 6 committee meeting.
3. Consideration of a potential ordinance regarding use of gas-powered leaf blowers 7:30-8:00
and how / whether MEEC should become involved. Paul Taslimi will summarize City Council meetings occurring this week on this subject. Also, a representative from Lexington (Dan Koretz) who was involved in a recently enacted bylaw in that town will discuss their process for advancing this proposal.

 4. Other committee business: any subcommittee reports; 8:00 – 8:30
review by Bob Paine of state implementation of the Massachusetts Climate Law if time allows (but a presentation will be available to the committee before the meeting)

 6. Adjourn 8:30

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

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Community Development is inviting you to a scheduled Zoom meeting.

Topic: Energy and Environment Commission Meeting

Time: May 2, 2022 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/aVXiXT094>

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/>

On February 12, 2022, Governor Baker signed into law a supplement of COVID-19 fiscal appropriations and an extension through July 15, 2022 of certain authorizations related to public meetings.

This new law extends the remote meeting provisions of the Governor's March 12, 2020, Executive Order Suspending Certain Provisions of the Open Meeting Law. In accordance with the 2020 Executive Order, this meeting of the City of Medford Energy & Environment Committee is being conducted totally via remote participation using Zoom, including committee members and the public. The use of Zoom complies with the law's requirement to provide live "adequate, alternative means" of public access to the deliberations of the public body, instead of holding meetings in a public place that is open and physically accessible to the public. Persons who would like to listen to or view this meeting while in progress may do so by using 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: 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 (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. Bob has been a member of this committee and legacy municipal committees (e.g., wind turbine committee) since 2004.



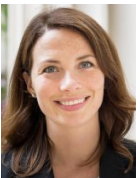
Barry Ingber: has spent most of the past four decades with non-profit organizations that serve low-income communities and work for a more sustainable and affordable energy future. Most recently, he managed energy programs for Tri-City Community Action Program. Previously, as Executive Director of MassEnergy,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



Laretta 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.



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.

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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.



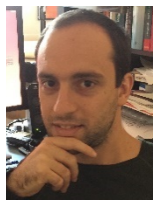
Martha Ondras: with a Master's degree in environmental health at Tufts, she is a research associate at the Health Effects Institute (HEI) in Boston, working on air quality research. HEI provides high quality, trusted science for cleaner air and better health. Prior to pursuing a second career in environmental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



Chris Hogan: Construction Program Manager at Tufts University. Working in support of Tufts' goal of Carbon Neutrality by the year 2050, Chris' projects are tasked with the study and implementation of energy reducing strategies within buildings of varying usage types. (i.e. – research labs, wood frame housing, dining facilities, etc.). A 20-year Medford resident, Chris is excited to serve on the committee to help promote the shared goals of Tufts and the City of Medford in their pursuit of a cleaner energy future.



Harvard.

Gaston Fiore (future co-chair): Gaston believes that an environmental education campaign leveraging our youth, encouraging active forms of transportation (pedestrian and bicycle), and making green technologies reachable to low-income households are key to achieving world-class environmental sustainability for Medford. Gaston has a background in AI and machine learning and has experience in self-driving cars and demand modeling to medicine. He has BS and MS degrees in Aerospace Engineering from MIT, and an MS in Computer Science from



Benjamin ("Benjie") Hiller: is a now retired lawyer. He has a Masters degree in biology/ecology. He spent most of his career engaged in toxic tort litigation, specializing in representing children harmed by lead poisoning. Back in the 1970s and 1980s, he was part of the Clamshell Alliance which fought to prevent the construction of the Seabrook Nuclear Power Plant and which brought the dangers of nuclear power to the attention of the world.



Paul Taslimi (future co-chair): Senior scientist at Merck Research Laboratories Boston. Paul has been an active scientist for 40 years. Paul has a BSc and MSc degrees in Chemistry and Biochemistry respectively from Canada. Paul has a deep interest in mitigating the climate crisis through science education and raising awareness at the local level and hopes that his years of experience in science can be beneficial to the Medford community in addressing the climate crisis.

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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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