

**COMMUNITIES
LEADING
on CLIMATE**

Morning Session 2 / Augusta, Pine Tree, Capital

The Future of Transportation

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WON'T
WAIT**



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Troy Moon
Portland

Sustainable Transportation in Portland

The Challenge

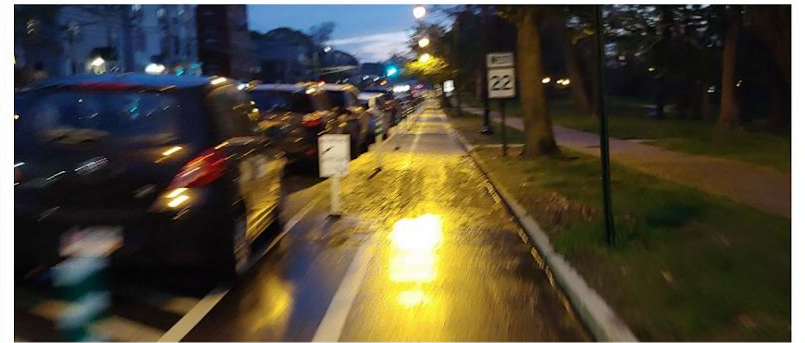
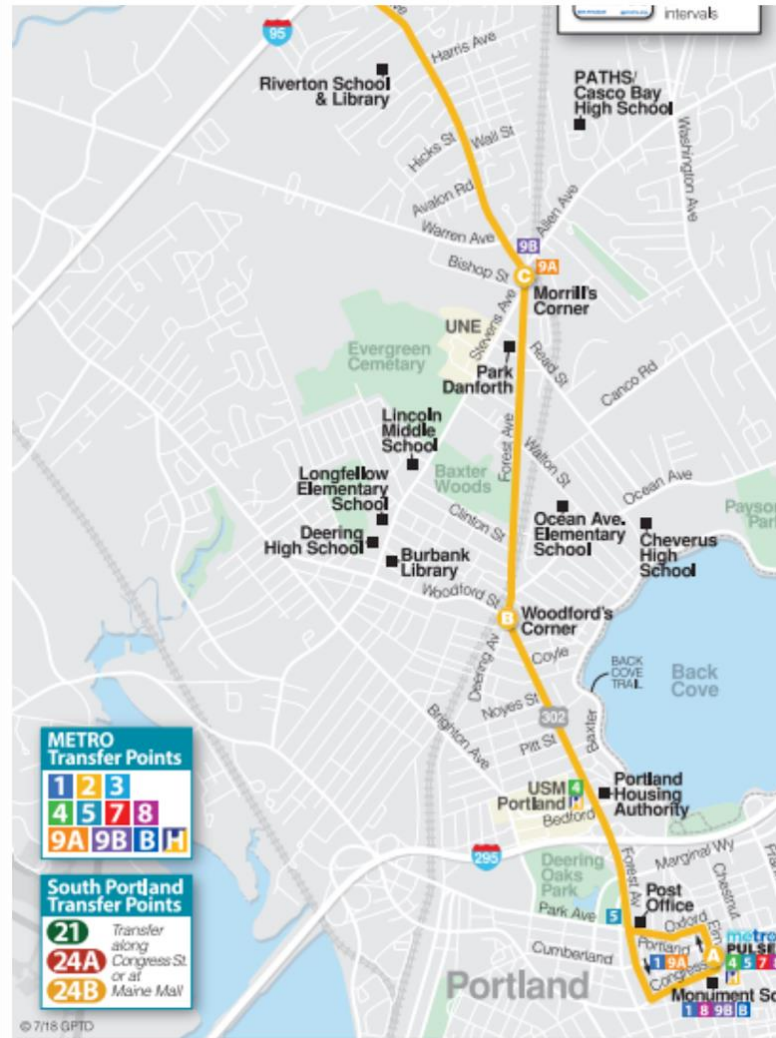
- Reducing Vehicle Miles Traveled in Portland
- We know that 87% of trips in Portland are in single occupancy vehicles
- We have a goal to reduce to 60% by 2050
- Redesign the city for active and shared transportation



Process

- Build Complete Neighborhoods
- Promote Active Transportation

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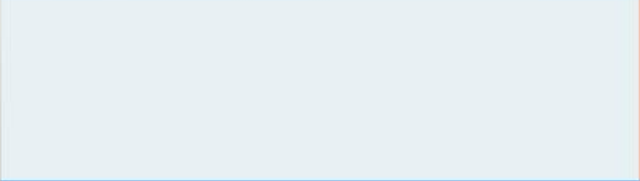


Solutions/Results



Electrification of Transportation

- Add EVs to the City Fleet
- Now have 15 networked EV charging stations installed
- Revised the Technical Manual to require all new parking to install EV chargers.
- Collaborating with EVgo to deploy 8 DCFC and 44 L2 charging stations



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George O'Keefe
Rumford

Rumford EV Charging Station

The Challenge

- Drought is bad for forests. That's our catchphrase for explaining why climate related challenges are not confined to wealthy coastal communities.
- Helping the Town understand the relevance of climate change to our geography has been critical to developing consensus in support of change and renewable energy development, and the ongoing shift to EVs.



Process

- Given the high level of anxiety in the community about climate policy and its attendant effects on our industry the best approach has been to create collaborative opportunities.
- For Rumford climate policy is about helping the community capitalize on the needs of urban and suburban areas for access to bulk quantities of clean energy.
- The implementation of climate policy in the Town is strongly focused on ways that can generate new taxable value and access to lower cost energy.



Solutions/Results

- The EV charging station has seen a much higher level of use than initially expected. This is due in part to residents taking advantage of inexpensive energy and in part due to existing EV registrations in Town along with a great location for the charging station.





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Chad Heid

Biddeford Saco Old Orchard Beach
Transit

Fixed Route Fleet Electrification

The Challenge

- Reducing greenhouse gas (GHG) emissions and vehicle miles traveled (VMT).



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Process

- Promoting public transit as a viable transportation solution.
- Leveraging available resources and identifying grant opportunities to fund zero-emission buses (Low-No)
- Developing funding partnerships with state agencies
- Building strong relationships with stakeholders

Pivot points/a-ha moments:

- Coordinating partners and developing policy
- Evaluating electricity rates and aligning operational processes with utility pricing windows
- Onboarding of the technology has also been an ongoing effort—the systems on the bus are very different from the existing fleet



Solutions/Results

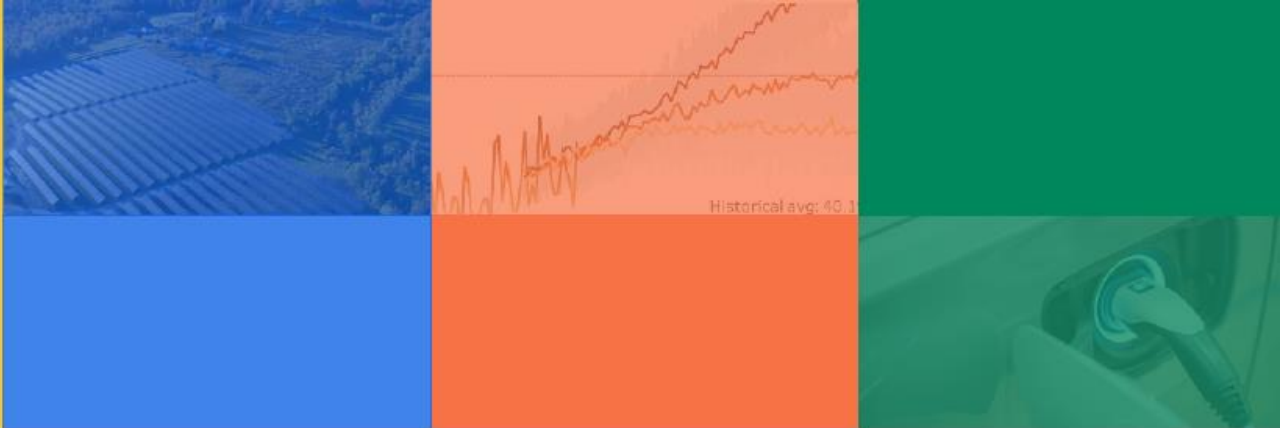
- Two new electric buses replaced two diesel buses, each reducing approx. 230,000 lbs. of GHG annually.
- Finalizing the installation of the on-route chargers, expanding range of the fleet.
- Opportunity to grow the electric fleet with another Low-No grant program.
- Expand transit operations that are reliable and convenient.





COMMUNITIES LEADING on CLIMATE

JUNE 17, 2022 8:30AM – 4:00 PM
AUGUSTA CIVIC CENTER, 76 COMMUNITY DR, AUGUSTA, ME



9:00 AM Welcome & Opening Remarks

(livestreamed)

*Augusta/Pine
Tree/Capital*

MCC co-chairs Hannah Pingree and Melanie Loyzim
Remarks from Maine's congressional delegation
Janet Mills, Governor of Maine

12:00 PM Networking Lunch

Auditorium

Getting Started *(livestreamed)*
Understanding Social Vulnerability
Efficiency Begins at Home

1:00 PM Keynote: Gina McCarthy, White House National Climate Advisor

*Augusta/Pine
Tree/Capital*

Livestreamed

1:45 & 2:45 PM Afternoon Workshop Sessions 1 & 2

See printed agenda for full list & available livestreams

3:30 PM Adjourn

The Future of Transportation *(livestreamed)*
Climate Ready Communities
Engaging Your Community

10:00 AM Morning Session One

11:00 AM Morning Session Two