



Work Session

WS

Milwaukie City Council

COUNCIL WORK SESSION

City Hall Council Chambers
10722 SE Main Street
www.milwaukieoregon.gov

AGENDA

MARCH 3, 2020

Note: times are estimates and are provided to help those attending meetings know when an agenda item will be discussed. Times are subject to change based on Council discussion. **Page #**

- 1. Milwaukie Station Food Cart Pod – Annual Update (4:00 p.m.)** **1**
Staff: Leila Aman, Community Development Director
- 2. Climate Action Plan (CAP) – Update (4:30 p.m.)** **4**
Staff: Peter Passarelli, Public Works Director, and
Natalie Rogers, Climate Action and Sustainability Coordinator
- 3. Adjourn (5:30 p.m.)**

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Executive Sessions

The City Council may meet in Executive Session pursuant to ORS 192.660(2); all discussions are confidential and may not be disclosed; news media representatives may attend but may not disclose any information discussed. Executive Sessions may not be held for the purpose of taking final actions or making final decisions and are closed to the public.

Meeting Information

Times listed for each Agenda Item are approximate; actual times for each item may vary. Council may not take formal action in Study or Work Sessions. Please silence mobile devices during the meeting.



COUNCIL WORK SESSION

City Hall Council Chambers
10722 SE Main Street
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MINUTES

MARCH 3, 2020

Mayor Mark Gamba called the Council meeting to order at 4:02 p.m.

Present: Council President Angel Falconer; Councilors Lisa Batey, Wilda Parks, Kathy Hyzy

Staff: Assistant City Manager Kelly Brooks Community Development Director Leila Aman
City Attorney Justin Gericke Climate Action and Sustainability Coordinator Natalie Rogers
City Manager Ann Ober Events Coordinator Brenna Cruz
City Recorder Scott Stauffer Public Works Director Peter Passarelli

Introduction of New Events Coordinator

Ms. Brooks introduced Ms. Cruz, the new events coordinator for the city.

1. Milwaukie Station Food Cart Pod – Annual Update

Ms. Aman introduced Richard Johnson of the Johnson Group who manages the Milwaukie Station food cart pod. She provided a 2019 year in review for the food cart pod. She reported that the Oregon Health Authority's (OHA) proposal to ban auxiliary grey water storage tanks had been delayed to 2023. She noted ongoing issues with graffiti and loitering at the food cart pod and noted new programs and events to activate the site. She explained that the current food cart pod lease would expire in August 2021, with an option to extend it until 2022.

Mayor Gamba asked what it would take to get a sewer connection to the food cart pod. **Mr. Johnson** noted the site constraints and suggested there could be a common area where the carts could dump greywater to be channeled into the sewer. **Councilor Batey** and **Mr. Johnson** discussed how other food cart pods dealt with greywater. The group discussed the desired long-term use of the site. **Council President Falconer** was in favor of asking the OHA to allow for food carts as temporary uses. The group observed that future redevelopment on the site would likely require a sewer connection. **Ms. Aman** remarked on when to begin discussions for near- and long-term goals for the site. The group discussed the extent and timing of construction to add permanent infrastructure.

Councilor Batey noted her conversation with a food cart owner who expressed problems with kids fighting. She also noted complaints about parking and wondered if there were any plans to work with nearby business to use their parking lots. **Mr. Johnson** reviewed conversations he had with nearby business owners about sharing parking.

Councilor Hyzy asked if the parking issues were due to slow customer turnover or high demand. **Mr. Johnson** observed that food cart owners had trouble with parking because they were there all day and therefore the two-hour parking slots did not work for them.

Ms. Aman reported that the city was initiating a new parking survey in that area and would have more data to analyze in the future. She noted additional steps the city could do as it adopted the downtown parking management plan. She observed that the city did have a process for employees to park in downtown Milwaukie.

Council President Falconer wanted to make sure the city was working with Milwaukie High School (MHS) regarding student issues. **Ms. Ober** reported that the Milwaukie Police Department's school resource officer (SRO) had a role in the discussion about students fighting. **Mr. Johnson** reported that he had reached out to MHS as well. He noted the possibility the kids may not be MHS students. **Councilor Parks** noted that the Portland Waldorf School was another high school near the food cart pod.

Councilor Batey said she had recently heard about rats near the food carts. **Mr. Johnson** explained there had been rat issues last fall and reported on the mitigation and extermination work that had been done. He had not heard any new issues about rats and would follow up on Councilor Batey's report.

Mr. Johnson reported that the food cart owners were optimistic for the warmer seasons.

2. Climate Action Plan (CAP) – Update

Mayor Gamba and **Ms. Rogers** discussed their attendance at an event in Lincoln County, Oregon, that would highlight the city's CAP.

Ms. Rogers explained how the city's climate emergency declaration impacted the city's carbon targets. She reviewed updated climate goals related to net zero electricity, net zero building energy, and becoming a carbon neutral city. She noted the additional goal to increase tree canopy coverage and how it related to other aspects of the CAP.

Mayor Gamba noted the canopy coverage goal was for the year 2040. He asked about the logistics of planting new trees that would grow tall enough to reach the goal in time. **Mr. Passarelli** discussed tools staff have put in place to assist in the goal. **Ms. Rogers** explained how the tree inventory would help better estimate what the tree canopy will look like. She noted staff would work with Council and the community to define the metrics of success for each of the climate goals.

Ms. Rogers noted the city's work with the Good Company to develop the city's carbon accounting calculator. She explained that the calculator helps visualize the community's future carbon emissions from electricity if proceeding with "business as usual." She added that the calculator also allows estimation of potential future renewable energy credits (RECs) purchase needs if no local reduction efforts are made.

Ms. Rogers reported that the city's carbon goals had gone from having a 33% gap to close to a 40% gap. She noted this was because the climate emergency declaration increased the original CAP goals by five years. She noted why only carbon-free energy was accounted for and what the calculator did not include.

Mr. Passarelli discussed projected community electricity needs compared to projected additional carbon-free electricity needs. **Ms. Rogers** showed a chart displaying Milwaukie's carbon-free electricity needs from 2020 to 2035.

Ms. Rogers explained how the city could meet its carbon goals by decreasing energy use, promoting energy efficiency, and changing energy sources. She discussed actions the city could take to use carbon-free energy options, like a community solar project.

Councilor Batey asked about placing solar arrays on businesses. **Ms. Rogers** reported that the city would be working with the Energy Trust of Oregon (ETO) and Solar Oregon on a city solar campaign. She noted those organizations had contacted business before and could help the city do more. She explained why it was sometimes hard for businesses

to have the economic justification to add solar panels. **Mr. Passarelli** noted the benefits of a community solar program.

Mayor Gamba remarked that most businesses in the city's industrial areas were renters and did not own the buildings and could not install solar panels. He and **Mr. Passarelli** discussed the City of Seattle's Metered Energy Efficiency Transaction Structure (MEETS). The MEETS worked with building owners, tenants, and the utility to create a financing structure for energy efficient retrofits.

Ms. Rogers discussed what the city could do related to energy efficiency. **Mayor Gamba** asked if there would be energy efficiency upgrades in the new city hall building. **Ms. Ober** reported that the building's systems were still usable. **Mr. Passarelli** noted the city would roll the building into ETO's Strategic Energy Management Program which would help identify components of the system that could be improved. **Ms. Ober** added that the city's remodel of the third floor would likely include upgrading to energy efficient lighting.

Ms. Rogers explained actions the city could take related to energy conservation, such as using adaptive street lighting. **Mr. Passarelli** noted the city had recently installed new streetlights so there was not a lot of data yet. **Mayor Gamba** asked who decided the streetlight standards that get added with a new development. **Mr. Passarelli** said the city's public works standards dictated the lighting requirements.

Ms. Rogers noted community outreach that the city had done and planned to do. She announced that the city would be leading a campaign that would tie together energy sources, efficiency, and conservation.

Ms. Rogers provided details of the Solarize 2.0 program, a regional effort by Milwaukie, Hillsboro, and Hood River communities to promote residential rooftop solar installations. She explained how the program would be different from the Solarize 1.0 program launched by the city in 2017. She discussed the city's partnership with ETO and Portland General Electric (PGE). She provided examples of discounted products and rates, incentives, and workshops that would be available through the program.

Ms. Rogers reviewed the Solarize 2.0 campaign timeline and the timeline for the city challenge that Milwaukie was partnering with PGE on. She noted the city would be doing additional outreach for climate actions beyond energy.

Council President Falconer wanted to know when the city would do a commercial solar program. **Ms. Rogers** noted discussions staff had with different organizations about a community solar program. She discussed potential hurdles when trying to establish such a program and reported that staff would continue to have those larger discussions while also promoting community solar projects as they arise.

Councilor Hyzy thought the city needed to think creatively to deliver the best carbon reduction at the most cost-effective level. She wondered if the community solar program should be broadened to look at a large sunny spot somewhere else in the country. **Mayor Gamba** said that the community solar had to be within PGE's territory. **Council President Falconer** noted land territory issues in other parts of the country.

Mr. Passarelli reported that staff had not discussed the program with large industrial property owners. He explained that staff had focused on residential solar work and increasing participation in programs offered by PGE.

Councilor Batey suggested reaching out to industrial business owners to gauge interest. **Councilor Hyzy** noted that the Downtown Milwaukie Business Association (DMBA) had

recently expressed interest in reaching out to business in the industrial area and thought that would be a great opportunity to work together. **Council President Falconer** wanted to talk about how the city could provide incentives for a community solar program.

Ms. Rogers observed that the CAP was a year old and staff had been focusing on general awareness for residents and agreed the city could increase outreach to business. She believed working on the utility scale to decarbonize the grid would provide the most cost-effective way to reach the city's carbon goals. She explained how decarbonizing the grid on PGE's end resulted in benefits to residents possibly without residents even knowing.

Councilor Hyzy and **Mayor Gamba** thanked staff for their energy goal work.

Warren Parker III, with PGE's product marketing team, noted PGE's previous Green Power challenges and presented information about the upcoming city challenge, which he noted was yet to have an official name. He explained how the city challenge would be a partnership between the city, PGE, and ETO to help Milwaukie become a carbon-free community by 2045. He said the nine-week challenge digital and door-knocking campaign would start on Earth Day, April 22, with ads and emails directing the Milwaukie community to a central landing webpage dedicated to climate action activities. He noted the community outreach, activities, and events that would take place. He explained how the program would develop over time and how Council could help share and participate in the challenge.

Council President Falconer asked if there would be any gamification in the outreach. **Mr. Parker** confirmed that PGE was looking into gamification options. The group discussed the "challenge" aspect of the program and variables that could be measured.

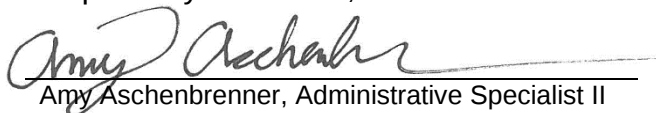
Ms. Rogers asked Council and the community to watch for climate-related information for how individuals can contribute to climate action in Milwaukie. **Councilor Hyzy** asked if the city would receive a summary report from PGE after the challenge. **Mr. Parker** planned on sharing information with staff throughout the challenge and confirmed he would return to Council to present on the results.

Councilor Batey asked if the program was called a "challenge" because Milwaukie is competing with other cities. **Ms. Rogers** clarified that Hillsboro and Hood River were in the Solarize 2.0 program. For the city challenge, Milwaukie was the only community. **Mr. Parker** confirmed Milwaukie was the first city who was taking on a new challenge.

3. Adjourn

Mayor Gamba adjourned the Work Session at 5:25 p.m.

Respectfully submitted,


Amy Aschenbrenner, Administrative Specialist II



CITY OF MILWAUKIE

Memorandum

To: City Council
From: Community Development Director Leila Aman
CC: City Manager Ann Ober
Date: Thursday, February 27, 2020
Re: Community Development and Engineering Department Projects - City Council Update for March 3, 2020 Council meeting

Community Development/Housing/Economic Development ▪ CET ▪ Sparrow Property ▪ Nonprofit Low-Income Housing Tax Exemption ▪ City Hall ▪ Current City Hall ▪ Pond House	Building ▪ Jan 2020 in review
Planning ▪ Comprehensive Plan ▪ Land Use/Development Review: • City Council • Planning Commission ▪ Design and Landmarks Committee	Engineering ▪ CIP Projects

COMMUNITY DEVELOPMENT/ECONOMIC DEVELOPMENT/HOUSING

Construction Excise Tax (CET)

- Staff are preparing to return to City Council in April to discuss a potential amendment to the CET Ordinance for clarification on exemption qualifications for mixed-use, and multi-family developments that have a percentage of income-restricted units.

Sparrow

- Staff submitted a technical assistance grant to Business Oregon for the Sparrow property located at the corner of SE Sparrow St and SE 25th Ave. The grant contributes funding towards the site design planning, reimbursement for the Prospective Purchaser Development, the Remedial Action Plan development and Department of Environmental Quality Coordination and the Contaminated Media Management Plan. Staff presented to City Council on February 18th and Council discussed development goals and community engagement for the site. Staff will be returning to Council in April with a resolution that articulates the goals discussed by the Council for the site. These goals, if approved, will set the stage for the RFQ for the site.

Nonprofit Low-Income Housing Tax Exemption

- Initial informational discussions with overlapping taxing districts occurred on February 12th to share city goals, hear concerns, and understand impacts of a 100% nonprofit low-income housing tax exemption program. Attendees included Clackamas Community College, Fire District and representative from the County. Future meetings are being scheduled, to be held jointly with the School District, and a group meeting with other taxing districts.

City Hall

- The closing date has been set for June 22, 2020. Staff are attending weekly construction meetings to track the balcony repairs. Staff are working on a finalized budget for the project.

Current City Hall

- City Council reviewed applications for the City Hall Blue Ribbon Committee and provided their short list of candidates for interviews. Interviews were held on February 22. On March 3, City Council will consider a resolution to make one-year appointments to the CHBRC.

Pond House

- Staff is negotiating a Purchase and Sale Agreement for the Pond House property. Once executed a 30 day due diligence period begins.

PLANNING

Comprehensive Plan Update

- At their February 25, 2020 meeting, the Planning Commission continued their deliberations on multiple sections of the draft Comprehensive Plan. The Commission continued their hearing until March 10 and are expected to make a final recommendation at that meeting. The City Council is tentatively scheduled to open their public hearing on the draft plan on April 7, 2020.
- On March 3, 2020, the City Council is expected to adopt a resolution making appointments to the Comprehensive Plan Implementation Committee (CPIC). Interviews were held on February 22 for shortlisted candidates. The CPIC will consist of 13 community members along with representatives from the Planning Commission and Council. The group will be charged with developing concepts for municipal code and map amendments that fulfill the policies in the new 2020 Comprehensive Plan.

Land Use/Development Review

City Council

- Public notice has been mailed for a City Council public hearing on an amended application for Elk Rock Estates in the Island Station neighborhood. Originally proposed as a 12-unit natural resource cluster development, the proposal has been reconfigured as a 5-lot subdivision.

Planning Commission

- On March 24, 2020, the Planning Commission will hold two public hearings. The first hearing will be for a major modification to the parking and loading configuration at Ardenwald School (CSU-2020-001). The second hearing will address an application for a 6-lot subdivision on Railroad Ave (S-2018-001).

Type II Review

- DEV-2019-009 - The appeal period expired without an appeal being filed for the Planning Director's approval of a 234-unit multifamily development on the site located at 37th Ave and Monroe St. The appeal period ended on February 20.

Design and Landmarks Committee

- The next regular meeting of the DLC is Monday, March 2, 2020. The group will review and discuss a draft of proposed amendments to the Downtown Design Review code.

BUILDING

Jan 2020 in review:

	Valuation of permits issued:
New Single Family – 5	\$1,802,580
New ADU issued – 1	\$200,000
Solar 0 Issued	\$0
Residential Alterations/Additions –2 issued	\$78,312
Commercial new - 0 issued	\$0
Commercial Alterations –2 issued	\$58,000
Demo's –0 issued	

Total number of permits issued (Structural, Mechanical, Plumbing, Electrical)
138

Total number of Inspections performed (Structural, Mechanical, Plumbing, Electrical)
453

ENGINEERING

CIP Projects

Meek Stormwater South Phase:

- The portion of the project located south of Meek Street was advertised for bid on January 16, 2020. Seven bids were received at the bid closing February 13, 2020. A staff report will be presented at the City Council meeting held March 3, 2020.

McBrod Avenue

- Interlaken Inc was awarded the contract by City Council during the meeting held February 18, 2020.

Linwood Avenue SAFE:

- The second open house was held January 15 for 60% plan design, with approximately 50 attendees. Staff continues to work towards solutions for driveway and tree impacts; however, several secondary, unimproved driveways from the back or side of lots in the Cedarcrest neighborhood, which are used to connect to Linwood Ave., will be closed. This has caused high concern with one resident and we are currently working through legal channels to resolve.

43rd Avenue SAFE:

- A 30% plan design open house was held on Wednesday January 29 from 5 to 7 pm at Lewelling Elementary School. A tentative design has been selected which includes one shared bike/ped path and one standard sidewalk on 43rd Avenue. Due to right-of-way constraints, Howe Street will receive two standard sidewalks and sharrows in the travel lanes for bicycles.

42nd Avenue SAFE:

- At the open house held in October 2019, citizens expressed that more was needed to control speeding and make the road feel safer for pedestrians and cyclists. To address these needs, the city is proposing installation of curb extensions and pedestrian refuge islands, as well as painting fog lines to create the appearance of narrower lanes. To offset the proposed scope changes, the 42nd Avenue SAFE project may be combined

with the 43rd Avenue SAFE project to create cost savings and other efficiencies. The combination of the two projects would delay the 42nd SAFE project one year, from summer 2020 to summer 2021. Proposed conceptual designs will be available on the city webpage at the end of February and a public comment period will be open until late March. The public comment period will be announced via a Pilot article, social media posts, and post cards mails to nearby residents.

22nd Avenue and River Road SAFE Project:

- The 90% Design Public Open House is scheduled for Wednesday, March 11th at the Milwaukie Grange (12015 SE 22nd Avenue) from 5 PM to 7PM.

2019 Street Surface Maintenance Program (SSMP) Project:

- The Contractor has begun planning for completing construction for Omak Drive, the final street of the 2019 SSMP project. Work is anticipated to begin in late March or April, depending on weather.
- Construction coordination will include communication with Alpine Food to minimize impact on deliveries as much as possible.

Wood Avenue SSMP Project:

- Design will begin soon. Construction will be combined with several other CIP projects for 2021.

Kronberg Park Multi-Use Walkway:

- The light poles have been delivered and installed. Final finishes to the railing to be completed this week along with signage. Boulders have been placed under the bridge as the first step in creating a habitat for wildlife. NCPRD will be placing wood stags and then we will add shrubs on the outer edge. The site is being cleaned and graded for landscaping. Please join us for the Grand Opening on January 25, 2020 at 1 p.m.

Lake Road reconstruction:

- Being designed in-house. In both January and February staff met with both the Lake Road NDA and the Historic Milwaukie NDA to share the design concepts to date. A public open house is scheduled for February 27, from 5-7 PM at City Hall. The project is essentially minimal widening from sidewalk to sidewalk; street widening will be mostly on the north side - mostly narrowing the landscape area by some four feet. A contract has been signed with Kittelson & Associates to design the relocation of the NW and NE signal poles.

21st and Washington Signal Timing:

- A contract has been signed with Global Transportation Engineering to tweak the signal timing program here. Currently the signal operates on a 6-phase system and resets to Phase 1 every time it is interrupted by a train. This will be changed to continuing with the next scheduled phase each time an interrupts occurs.

COUNCIL STAFF REPORT

To: Mayor and City Council
Ann Ober, City Manager

Date Written: Feb. 21, 2020

From: Leila Aman, Community Development Director

Subject: **Milwaukie Station Food Cart Pod Update**

ACTION REQUESTED

Council is asked to receive an annual update on the Milwaukie Station food cart pod.

HISTORY OF PRIOR ACTIONS AND DISCUSSIONS

[August 2, 2016:](#) Council entered into a contract with Richard Johnson of the Johnson Group to manage and program the Milwaukie Station food cart pod.

[September 18, 2018:](#) Staff presented to Council a first-year review of the Milwaukie Station food cart pod.

[March 5, 2019:](#) Council approved a two-year contract extension for the Milwaukie Station food cart pod with the Johnson Group.

ANALYSIS**Food Cart Tenant Update**

The Milwaukie Station food cart pod has capacity for 12 carts and has maintained approximately 10 food cart spaces since its opening. Currently, there are 10 food carts including:

- Greek Gods Gyros
- Azul Tequila Taqueria
- Filipina Cuisine
- Happy Delicious
- Freeze
- Smokin' Barrel BBQ
- Teppanyaki Hut
- Le Tap
- Thai Street
- Ames Meat Research

The ice cream and beer carts are mostly closed for the winter season but plan to reopen in the spring. Seven of the original carts remain, and businesses that have left the food cart pod have done so because of various issues such as lack of business knowledge, personal circumstances, and lack of financial resources. There has been some interest in the open cart spaces and more interest is expected when the weather improves.

2019 In Review

It was a difficult year for the food cart pod largely due to construction in south downtown and poor weather. Construction workers did provide a boost to the businesses, but it was more difficult for others to patronize the pod due to street closures and loss of parking. The main clients tend to be students (for lower cost items), downtown businesspeople, residents, and trades people that happen to be in the neighborhood around lunch time. Evenings and weekends are slower.

Other issues that arose last year included a proposed change by the Oregon Health Authority to ban auxiliary water tanks, which the pod uses for grey water storage. This rule was rescinded and the time for their use has been extended to 2023.

There have also been some concerns about petty vandalism and graffiti. The Milwaukie Police Department (MPD) will increase patrols and continue to encourage cart owners and management to report issues to the MPD as they arise.

Last year food cart owners also submitted a list of requests and each one was addressed including providing games, adding new gravel, repainted tables, additional toilet paper dispensers, allowing owners to schedule events, and the relocation of the oil recycling bin. Some requests were not met such as providing a heated seating area, fencing the pod area, WIFI, and security cameras.

Looking to 2020

With the opening of the adjacent Axletree Apartments and less construction in south downtown, the new plaza, and the opening of the Kronberg Park multi use path, business owners are hopeful that business will increase. Johnson Group provided gift certificates to the new residents at Axletree with the hope of attracting new customers. Once the farmers market moves to the plaza more energy is expected in the area.

Summer music events and an anniversary party will be advertised on social media and in the Clackamas Review. Tables will be repainted, and the site will be pressure washed, shrubbery will be pruned and weeded as needed.

Finally, the food cart pod lease expires on August 4, 2021. The city has the option of extending the term of that occupancy by one year to August 4, 2022. The Johnson Group has indicated that there is interest in extending the lease if they are able to maintain a minimum of eight carts.

BUDGET IMPACTS

There are no known budget impacts currently. There are some costs associated with the gravel work that is provided by the city's public works department. Otherwise, all other costs are covered by the Johnson Group.

WORKLOAD IMPACTS

The community development director will continue to engage with the food cart pod manager to evaluate progress and provide resources as needed to ensure continued growth and success.

COORDINATION, CONCURRENCE, OR DISSENT

None.

STAFF RECOMMENDATION

Council is asked to receive this update and provide any necessary feedback and direction.

ALTERNATIVES

None.

ATTACHMENTS

None.

Food Cart Pod Update

Leila Aman
Community Development Director

Richard Johnson
Johnson Group



TENANT UPDATE

The Milwaukie Station food cart pod has maintained approximately 10 food cart spaces since its opening including:

- Greek Gods Gyros
- Azul Tequila Taqueria
- Filipina Cuisine
- Happy Delicious
- Freeze
- Smokin' Barrel BBQ
- Teppanyaki Hut
- Le Tap
- Thai Street
- Ames Meat Research



2019 IN REVIEW

- Challenging year due to construction in South Downtown, though construction workers provided a boost to businesses.
- Students are the main clientele.
- Proposed changes by Oregon Health Authority to ban auxiliary grey water storage tanks was rescinded.
- Issues with graffiti and loitering. PD will provide additional patrols as they can.
- Provided games, new gravel, repainted tables, relocated oil recycling bin.... etc...

LOOKING TO 2020

- Provided gift certificates to new tenants in the Axletree apartment building
- Opening of Kronberg, plaza and completion of construction should help business.... Looking forward to the farmers market moving to the plaza area eventually.
- Summer music events, and anniversary party.



LEASE STATUS

- Current lease expires on August 4, 2021
- Option to extend must be exercised by November 4, 2020
- Extension for one year August , 2022.



QUESTIONS?



COUNCIL STAFF REPORT

To: Mayor and City Council
Ann Ober, City Manager

Date Written: Feb. 18, 2020

Reviewed: Blanca Marston (as to form), Administrative Specialist

From: Peter Passarelli, Public Works Director, and
Natalie Rogers, Climate Action and Sustainability Coordinator

Subject: **Climate Action Plan Update – Upcoming Programs and 2030 Goal Discussion**

ACTION REQUESTED

Council is asked to receive an update on the accelerated carbon emissions goals, and related programs, and provide direction for future energy discussions.

HISTORY OF PRIOR ACTIONS AND DISCUSSIONS

[October 2, 2018:](#) Council unanimously adopted the Milwaukie Community Climate Action Plan (CAP). Staff identified and presented 21 actions to be initiated in the following two years.

[May 7, 2019:](#) Council received the first update on CAP implementation.

[August 13, 2019:](#) Council received the second update on CAP implementation with a focus on the Home Energy Score (HES) program and the Portland General Electric (PGE) Smart Grid Test Bed.

[December 10, 2019:](#) Council received the third update on CAP implementation with a focus on carbon accounting and broader energy generation goals.

[January 21, 2020:](#) Council adopted a resolution declaring a climate emergency and calling for the CAP carbon goals to be accelerated.

ANALYSIS

The CAP was adopted in October 2018, laying out 53 city-led actions to reach community carbon neutrality through adaptation and mitigation strategies. When Council declared a climate emergency, the goals as outlined in the original CAP were accelerated to net zero carbon emissions from electricity by 2030, net zero emissions from building fuels by 2035, and community wide carbon neutrality by 2045. Using the carbon accounting calculator, Milwaukie has a 40% gap to close to achieve 100% carbon free electricity by 2030. Additional measures to decarbonize Milwaukie's electricity mix are needed. Staff are working with regional partners such as PGE to implement programs in Milwaukie addressing energy efficiency, renewable product subscriptions, demand response, and decarbonization of the grid to close the remaining gap.

Upcoming Energy Outreach and Education Programs

Staff have been coordinating with PGE, Energy Trust of Oregon (ETO), and Solarize Oregon to offer Milwaukie residents a variety of energy and energy efficiency related outreach and education programs. Staff are still working with partners to solidify timelines and deliverables of the programs, which will be adjacent to or overlap during the spring, summer, and fall of 2020.

City Energy Challenge

Milwaukie will be working with PGE and ETO to develop and promote a city energy challenge (official name still to be determined). This challenge is intended to highlight the community's climate goals and to encourage pledges of support by community members to take part in achieving those goals through a variety of actions. Energy efficiency education, promotion of renewable product subscriptions, as well as other non-energy related actions will be highlighted in a central website while social media posts and other communication pathways will be utilized to direct community members to the site.

Solarize 2.0 Campaign

ETO and Solar Oregon will be working with the city to educate Milwaukie residents on solar arrays and energy generation, storage opportunities, energy efficiency, and potentially other energy related products. Staff will be engaging in planning meetings with these partners in the next few weeks, with program implementation likely beginning in early summer and ending in the fall.

Smart Grid Test Bed

PGE's Smart Grid Test Bed (SGTB) located in Milwaukie and Oak Grove will continue through the next year offering residents opportunities to learn about energy efficiency and adjusting personal and community electricity demand to alleviate pressures and stabilize the grid to allow for more renewables (which are more variable and intermittent in nature). PGE will be testing different value propositions (such as 'giving back' or 'community goals') each quarter to encourage participation in a variety of load reductions, savings, and incentives programs. PGE will also be working with Community Energy Project to provide educational opportunities to low-income residents wanting to learn about the SGTB, weatherization, and energy efficiency. Milwaukie staff will continue to work with PGE throughout the year on this program and connect Milwaukie residents to these opportunities.

Additional Work to Close the Gap

City staff are working on a few other projects with PGE and regional partners to close the remaining gap to achieve 100% carbon-free electricity. Milwaukie and PGE are in conversations regarding a community clean energy product option that would be delivered in an opt-out model community wide. This product (achieved through a green tariff) may increase participation rates for carbon-free electricity while still offering residents the option of continuing to use a more carbon intensive grid mix. PGE and staff are still exploring details, including location of utility scale generation, infrastructure and generation type, and cost.

Staff are working to advocate for state-level changes to the Renewable Portfolio Standard (RPS), accelerating the pace at which utilities must decarbonize the basic rate electricity mix. By adjusting the timeline for RPS decarbonization, all consumers, regardless of clean energy

product subscription, will receive less carbon intensive electricity over a shorter period. This would help communities reach local and state-wide carbon goals and help justify the development of new clean energy infrastructure in the region.

In addition, staff may develop a memorandum of understanding to be signed by Milwaukie and PGE to formalize their commitments to achieving carbon-free electricity by 2030, as well as the other goals, services, and programs called for in the CAP.

BUDGET IMPACTS

Small programmatic expenses may occur due to city participation in the listed energy programs. Appropriate funds to cover these expenses already exist in the current budget and will be requested for inclusion in future budgets.

WORKLOAD IMPACTS

Staff will need to work closely with regional partners to develop appropriate outreach and education opportunities for Milwaukie residents. Future energy programs may have a small workload impact for Milwaukie communication staff to advertise programs through existing communication pathways. Public works staff will be leading coordination with regional partners on these programs and may face a manageable workload impact.

COORDINATION, CONCURRENCE, OR DISSENT

Reduction of carbon emissions in the community will require close collaboration between departments within the city, especially as it relates to energy usage from city operations as well as community residents and development. Continued partnership with local utilities, including PGE, as well as regional energy-focused organizations will be needed to implement these programs and achieve the CAP goals.

STAFF RECOMMENDATION

Staff recommends that Council provide thoughts and direction on future energy programs and opportunities to achieve the 2030 CAP goal.

ALTERNATIVES

None.

ATTACHMENTS

None.

Milwaukie Community Climate Action Plan

CAP Update and 2030 Energy Goal Discussion

March 3rd, 2020

Peter Passarelli
Public Works Director

Natalie Rogers
Climate Action and
Sustainability Coordinator



CITY OF MILWAUKIE

**WS 2. 3/3/2020
City Presentation**

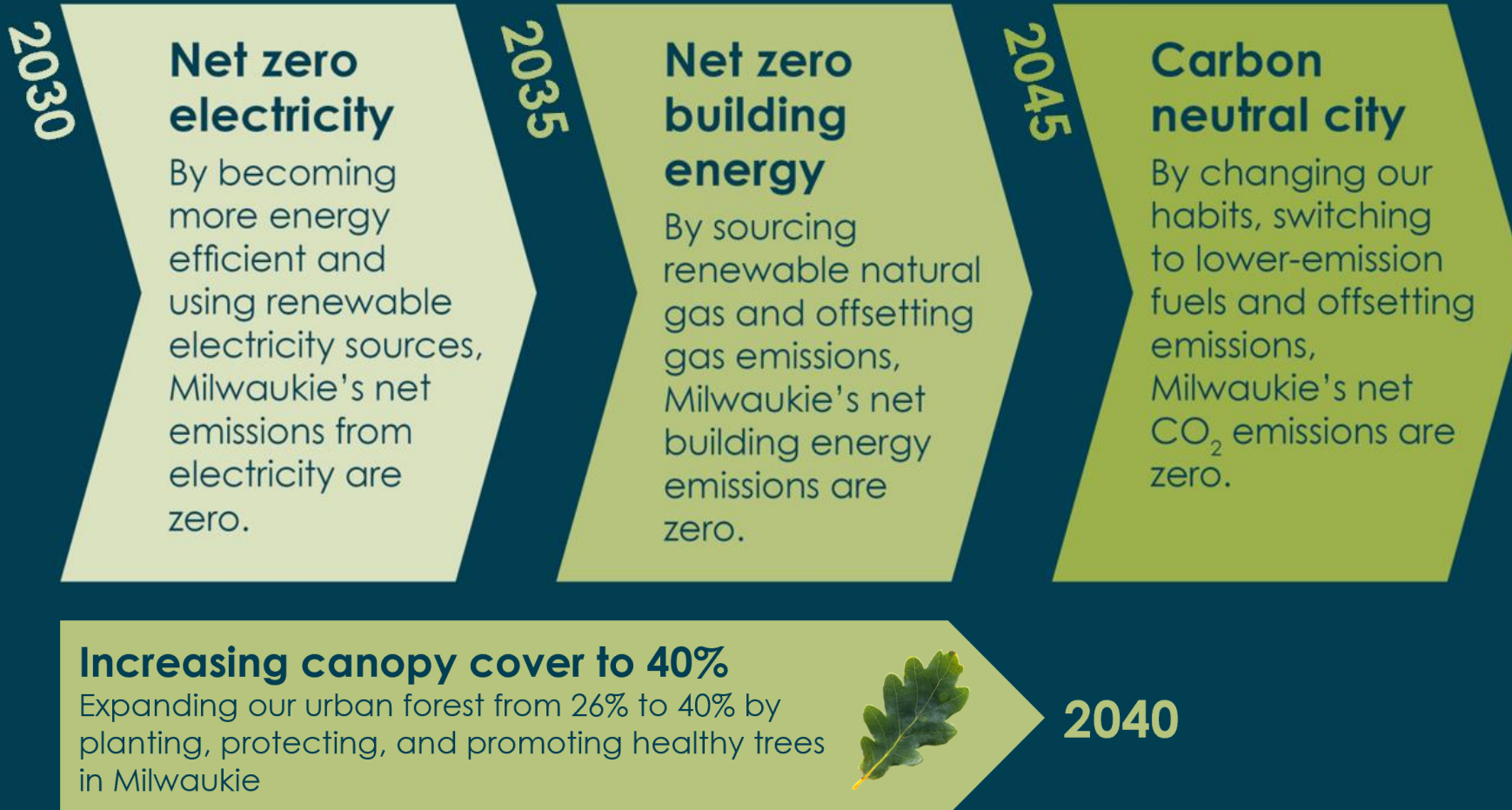


Overview

- Revisiting the carbon accounting analysis – 2030 goal
- Upcoming energy campaigns and energy products
- More energy actions to meet climate goals

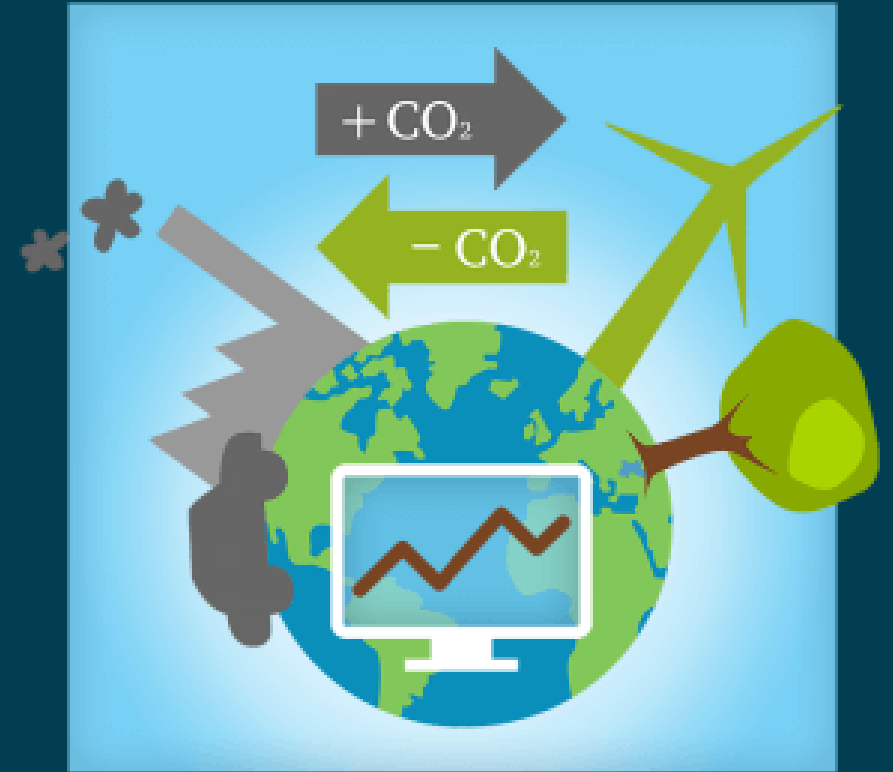


Updated Climate Goals



Carbon Accounting

- Carbon Accounting Calculator developed by The Good Company
- Helps the city visualize carbon emissions for the Milwaukie community's electricity use in a business as usual future
- Allows estimation of potential future REC purchase needs and opportunities for emission reductions
- **Where are we with the updated 2030 carbon goals?**



Accounting Results - 40% Gap to Close

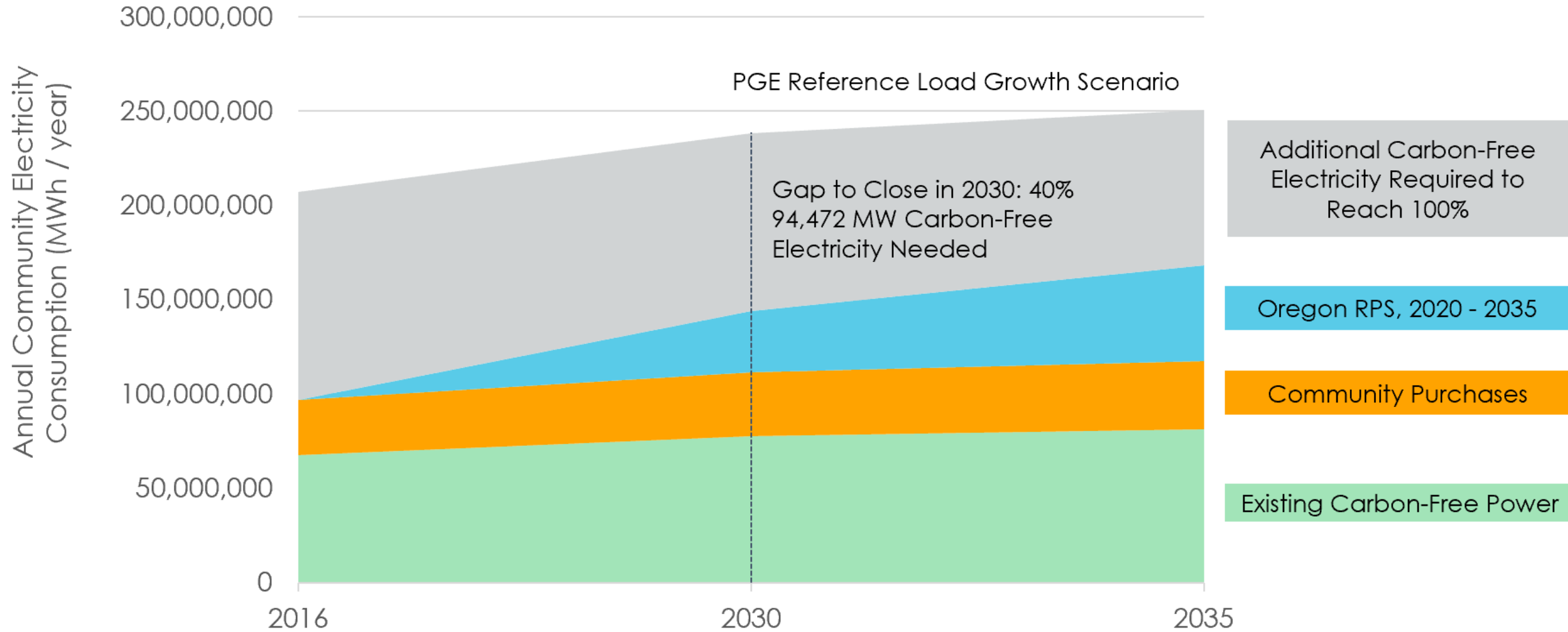
40% gap in carbon-free electricity to close by 2030

- Only carbon-free energy accounted – no biomass/biofuels
- Does not include local load reduction efforts
- Load growth based on PGE's projections with conservative population growth

Figure 4: 2018 Projected community electricity needs compared to projected additional carbon-free electricity needs.

Scenario	2018	2030	2035 (2016 \$)	Cumulative Total or Source, 2017 - 2035
Projected Total Community Electricity Needs, 2018 - 2035				
PGE Reference Scenario (kWh)	211,482,623	238,303,913	250,459,808	4,564,882,584
Projected Need for Additional Carbon-Free Electricity, 2018 - 2035				
PGE Reference Scenario (kWh)	112,384,622	94,472,092	82,377,788	2,080,275,335
% Additional Carbon-Free Needs	53%	40%	33%	

Milwaukie Carbon-Free Electricity Needs Projection 2020 - 2035



Levers of Change

Energy Source

Change Milwaukie's electricity generation sources to carbon-free options

- Advocating for acceleration of decarbonization to the RPS
- Green Future Impact – City operations at 100% carbon-free electricity
- Community Tariff – affordable carbon-free electricity product on the community scale
- Community Solar – community subscription to locally generated energy
- Solarize 2.0 – outreach and education from site-level generation of solar energy

Energy Efficiency

Promote energy efficient buildings and assets in Milwaukie for smarter use

- Promote Energy Trust of Oregon and PGE incentives
- Implement Home Energy Score residential energy scoring program
- Promote Green Building Code for energy efficiency new buildings
- Advocate for change to the state building code – local amendment
- Improve energy efficiency of city assets – e.g. LED street light conversion

Energy Conservation

Decrease or shift electricity use when possible in Milwaukie

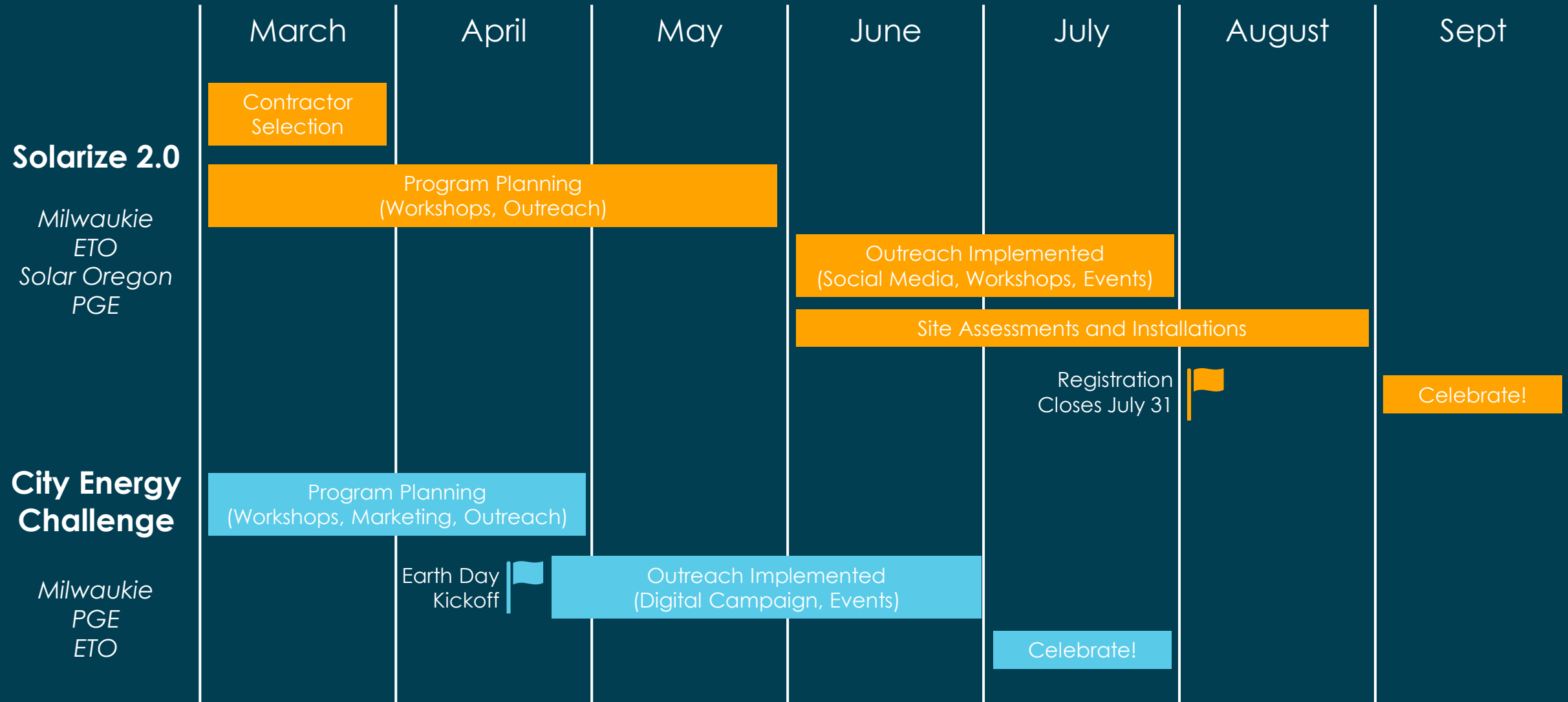
- Promote Smart Grid Test Bed demand response program from PGE
- Adaptive street lighting – LED street light conversion
- Perform internal and external outreach and education for workplace and home energy conservation practices

Solarize 2.0

- Regional effort to promote residential rooftop solar installations
- Early summer through fall timeline
- Discounted products and rates through selected contractors and available incentives
 - E.g. 6 kW array, \$20,000 eligible out of pocket cost -> ~\$12,500 final customer cost before energy savings, even less for income-qualified participants (**example only, not finalized**)
- Informational workshops on solar, energy efficiency, and available energy technology such as storage, EVs, smart thermostats

Campaign Role	Assigned Partner	Roles/Responsibilities
Trainer	Spark Northwest	Training, ETO guidance, material creation
Campaign Manager	Energy Trust of Oregon (ETO)	Contractor selection, organizational support, message relay
Community Outreach Lead	Solar Oregon	Organize and host workshops, content creation, conduct outreach
City Partners	Milwaukie, Hillsboro, Hood River	Host events, broadcast messaging, align campaign goals with CAP goals

Campaign Overlap Timeline



Questions?

Visit MilwaukieClimateAction.com to learn more!

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Milwaukie Community Climate Action Plan



CITY OF MILWAUKIE

March 6, 2019

2019 Urban Forest Management Plan



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Milwaukie Community Climate Action Plan



Household Strategies

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Milwaukie Community Climate Action Plan



Business and Organization Strategies



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City Challenges

*Coming together to preserve
the future of Oregon*



What is the challenge?

**Supporting Milwaukie as a flourishing,
sustainable and completely carbon-free
community by 2045**



How do we get there?

- Engaging + uniting the community toward climate goals in an equitable and inclusive form
- Acceleration awareness and participation on actionable initiatives
- Utilizing intelligent insights and innovative technology to proactively combat the climate emergency





CITY ENERGY CHALLENGES

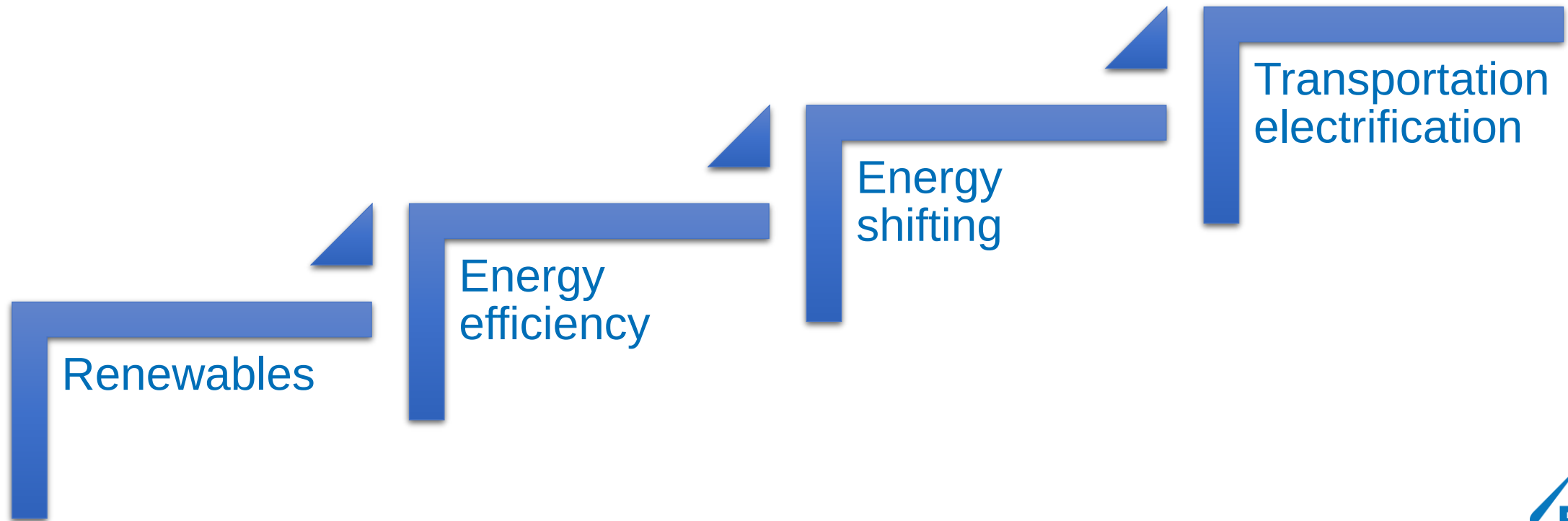


2020 Execution

- Nine-week campaign starting on Earth Day, April 22
- Digital ads and emails driving the community to a landing page dedicated to climate action activities
- Activation at community events throughout the city
- Volunteer activities that engage the community, PGE and city employees, and community-based organizations



How we'll show up to drive awareness and adoption



2021 Execution

- Continued outreach, education and engagement with the community around the climate action plan
- Specific engagement with younger community members, from elementary school to college-aged



How the city council can help shape the Challenge

Continue to lead the way as active, engaged advocates for Milwaukie's climate action plan by demonstrating your every day actions and how you are walking the talk.

- **Personal:** What awesome things are you doing at home?
- **Professional:** How is the city driving sustainable innovation?
- **Partnership:** How can we work together as a collective group to help drive action in the community?





Together we can
*Delivering on a future for
Oregon we can all count on*

