



SHAKER HEIGHTS

Sustainability Committee Agenda Via Video and Audio Conference Due to COVID-19 Public Health Emergency Thursday, July 9, 2020 at 8:00 a.m.

For the safety of staff and residents, in-person attendance is not permitted. Join the Zoom meeting as a viewer or listener from a PC, Mac, iPad, iPhone or Android device. Join online at <https://zoom.us/j/91059757870?pwd=K3dDS0pObzE5aFRsVXIYOV6MHZ2dz09>, Password: 048746; Description: Sustainability Committee; or join by phone at 833-548-0282 (toll free); Meeting ID: 910 5975 7870, Password: 048746
. International numbers available at <https://zoom.us/u/ahwKbeuA>.

1. Approval of the June 11, 2020 meeting minutes.

Documents:

[061120 SUS MIN.PDF](#)

2. Presentation by members of Shaker Youth LEEDs: Recommendations on achieving additional LEED for Cities credits within 5 years.
3. Review of Existing Roadmap/Objectives.
 - a. Subcommittees - Update on Progress
 1. Stormwater and Greenspace (Carmen Franks)
 2. Renewable Energy (Norman Robbins)
 3. High School Advisory Group (Julianne Potter)
 4. Recycling (Anne Williams)
 - b. City Energy-Efficiency/Conservation Update
 - c. City Alternative Fuel Vehicle Update
 - d. Green Team Update
 - e. Solar Demonstration Project Update
4. Update on LEED for Cities Progress.
5. Report of Sustainability Coordinator.

Documents:

[SUSTAINABILITY COORDINATOR ACTIVITIES JUNE 2020.PDF](#)

To request an accommodation for a person with a disability, call the City's ADA Coordinator at 216-491-1440, or Ohio Relay Service at 711 for TTY users.



**Sustainability Committee Minutes
Thursday, June 11, 2020
7:30 A.M.
City Hall Conference Room B**

Members Present: Anne Williams, Committee Chair, Council Member
Carmen Franks, Citizen Member
Sean P. Malone, Council Member
Nancy Moore, Copuncil Member
Julianne Potter, Citizen Member
Norman Robbins, Citizen Member

Others Present: David E. Weiss, Mayor
Jeri E. Chaikin, Chief Administrative Officer
Michael Peters, Sustainability Coordinator

The meeting was called to order by Committee Chair Anne Williams at 7:30 A.M.

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Overview of Zoom Meeting Protocol

Committee Chair Anne Williams reviewed the city’s policies regarding the Zoom platform for Committee meetings. Participants are encouraged to mute themselves unless speaking and the public is invited to use the Q&A feature of the platform.

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Approval of the February 13, 2020 Meeting Minutes

It was moved by Nancy Moore and seconded by Norman Robbins that the minutes of the February 13, 2020 meeting be approved as recorded.

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Review and Approval of NOPEC Energized Community Grant Application

The Northeast Ohio Public Energy Council (NOPEC) notified the city of the opportunity to apply for the Energized Community Grant Program. This annual program provides funds to member communities to implement energy savings or energy infrastructure measures. In 2019 the City received \$55,958 in grant funds that were applied to the \$150,000 replacement of the aging generators and electrical service upgrades at City Hall at 3400 Lee Road. For 2020, \$52,472 is available, based on 7,496 accounts in 2019 at \$7 per account. It was proposed to apply to use the \$52,472 towards the \$75,000 electrical service upgrade and emergency generator replacement at Fire Station II, 2801 Warrensville Center Road.

CITY OF SHAKER HEIGHTS

3400 Lee Road Shaker Heights, Ohio 44120 P 216.491.1400 F 216.491.1465 Ohio Relay Service 711
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The motion to approve applying for the grant funds was made by Council Member Sean Malone and seconded by Citizen Member Julianne Potter. The motion passed and the item was sent to Finance Committee prior to City Council.

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Subcommittee Updates

Recognizing the subcommittees likely did not have an opportunity to meet, the following updates were provided:

Subcommittees updates:

- Stormwater & Greenspace (Carmen Franks)
 - Recap of prior meeting's discussion including:
 - Content for city website on stormwater info for residents
 - LEED credits related to stormwater and green space
 - Re-starting the Laudable Lawns program (will need to revisit due to seasonality)
 - Sewer District pilot program
 - Next meeting is scheduled for the following week
 - Council Member Nancy Moore provided an update on the stormwater code revisions from the Ohio EPA. The MS4 permit has not been updated yet but anticipated in July. It is advised to wait to update our code until that information is available.
- Renewable Energy (Norman Robbins)
 - Continuing to speak to School Board Member Jeff Isaacs regarding solar panels on the High School and the COSE energy audits (using the same program the City used for its buildings)
- High School Advisory Group (Julianne Potter)
 - Shaker Youth LEEDs: Collaborative among Hathaway Brown, Laurel, University School and Shaker Heights High School has been reviewing how the city can achieve higher levels of certification in the next 5 to 10 years. Has continued to meet (April and May) and will present at July meeting.
- Recycling (Anne Williams)
 - Regrouping and several residents have expressed interest in recycling and composting issues.

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Other Discussion Items

- City Energy Efficiency Updates:
 - Energy Audits recommended LED lighting retrofit, discussing how to move forward with Public Works. Resident with lighting experience has provided feedback and guidance.

- Streetlight audit is first step in eventual conversion to LED. Working to perform this work with city staff over the summer with assistance from Cuyahoga County and shared best practices from the City of Cleveland Public Utilities department.
- Alternative Fuel Vehicles Update:
 - Goal is to transition the city fleet to electric as it makes sense and matching turnover in the fleet; hoping to make progress next year.
 - Requested a grant from NOPEC for electric vehicle charging (separate from the Energised Community Grant above), and were notified of an award. Requesting equipment and electrician quotes to submit to NOPEC for approval. Locations pursuing are City Hall Annex and Thornton Park. Working through some capacity issues at Thornton Park.
- Green Team Update:
 - Will reconnect soon to re-engage.
 - Composting restarted at Fire Stations.
- Solar Demonstration Project:
 - Cleveland Heights has elected to use County program (Power Purchase Agreement open to all municipalities in Cuyahoga County) on three of their buildings: service garage, community center, and city hall. Lakewood also using this program.
 - Will revisit with administration for Shaker Heights: could use County program, review results of City of Cleveland's RFP (no info released yet) to see if applicable, or purchase outright.
- LEED for Cities Update:
 - Continue to push some stakeholders for required data, particularly around water and waste.
- Other items:
 - Upcoming *Shaker Life* will feature sustainability efforts.
 - NOPEC Community Sponsorship was awarded to Shaker Heights Arts Council for public virtual art lessons.
 - Working to apply for a USDA grant for urban composting and food waste diversion; tight deadline trying to meet (June 26).

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There being no further business, the meeting was adjourned at 8:25 A.M. The next meeting is scheduled for July 9, 2020 at 8:00am.

Michael Peters
Sustainability Coordinator

Sustainability Coordinator Activities: June 2020

Recent sustainability news of interest to Shaker Heights includes:

- NOPEC convened a call of elected officials from Shaker Heights, Cleveland Heights, South Euclid, and Lakewood to receive feedback on the various communities' sustainability efforts. No new programs were announced but feedback was solicited. A second call is scheduled for July.
- The City of South Euclid passed a resolution of green energy at its June 8th meeting. It has a goal of 100% green energy by 2025 for city operations and 2035 for the community. (Shaker Heights will be at 100% green energy by November when the new electricity contract goes into effect.)
- A monthly call of local government officials and staff convened to discuss best practices regarding sustainability. Shaker Heights is expected to present at the July call.
- With the assistance of the Cuyahoga County Department of Information Technology (in particular the GIS department), the city will conduct a streetlight audit. Special thanks to County Planning, Cleveland Department of Public Utilities, and ESRI for their assistance in formulating the strategy and tactics for the audit. The goal is to both determine if the city is currently being billed correctly (as there is a per fixture per month charge to the city) and prepare for an eventual transition to LED streetlights. City staff currently has availability to conduct this work, with an estimated cost savings of \$40,000. The resulting data will be captured on a GIS database that will provide additional savings in the future when the LED system is designed. It will also serve as a pilot for future GIS mapping of assets.
- The city led a multi-stakeholder effort to apply for a U.S. Department of Agriculture grant for the Community Compost and Food Waste Reduction program. A collaboration of the Shaker Heights City School District, Hathaway Brown School, Laurel School, Rust Belt Riders, The Hunger Network, and the Cuyahoga County Solid Waste District, the grant would seek to eliminate school food waste in the city by diverting an estimated 140,000 pounds of food. This would be accomplished through various pilots including collecting all pre-consumer food waste from the participating schools, collecting post-consumer food waste from the schools that use durable serving products and one school that would pilot compostable serving products, food recovery through The Hunger Network's volunteer app, and returning compost to each school for use in their school garden. Rust Belt Riders would also work with the schools to develop and deliver curriculum around the program. Best practices and results would be shared among the schools. Total value of the grant and in-kind contributions is approximately \$113,000.
- The city will be highlighted in a U.S. Green Building Council webinar along with Santa Fe and Santa Monica on July 29th. The webinar will focus on cultural identity, sense of place, and sustainability. The cities were chosen for their unique culture, geography, and history and will highlight how these attributes have helped to shape city programs and operations.

Summary of work conducted by category:

1. City Facilities' Utility Costs and Savings

- City staff will conduct a streetlight audit using tools and guidance from the Cuyahoga County GIS department. The goal is to confirm that the city is being billed correctly by FirstEnergy/CEI and determine cost savings strategies by converting over time to LED fixtures.
- Continuing implementation of the EnergyCAP utility bill tracking and analysis software. A recent update will allow for submission of data to an EPA benchmarking program.

2. Energy Conservation Measures for City Buildings

- The NOPEC Energized Community Grant application legislation was passed and submitted to NOPEC. This would offset a portion of the costs of a new, more efficient generator at Fire Station #2. NOPEC revised its grant agreement with the city and has requested a new grant agreement that is being reviewed by the Law Department.
- A resident with lighting expertise advised on strategies and considerations for LED lighting retrofits to city buildings; this project is awaiting feedback from Public Works to move forward (see below).
- Suspended: Analysis from Public Works on implementation of COSE energy audit recommendations.

3. Alternative Fuel Options for City Vehicles

- Received notice of a grant award for electric vehicle charging from NOPEC. Quotes are being solicited from vendors and electricians with the goal of the first two chargers installed at City Hall this summer. Total grant value is \$35,000.
- Suspended: acquisition of electric vehicle for city fleet.

4. Leading an Internal City Green Team

- Green Team to be re-engaged; team members continuing to advance efforts such as increasing awareness of composting options at home and work.

5. Solar Power Generation on City Owned Vacant Lots

- Conversations to be resumed as time permits.

6. Other Green Initiatives

- Ongoing: collecting final data needed for LEED for Cities; awaiting data from various stakeholders, especially Cleveland Water. Had additional discussions with City of Cleveland Office of Sustainability as they are now collecting similar data and comparing approaches to water and waste prerequisites. Also had a call with the Solid Waste District for guidance on the waste credit.
- Shaker Youth LEEDS, the four-high school group researching LEED for Cities criteria, will make a recommendation to the Committee in July.
- Postponed: Tour of material recovery facility for Sustainability Committee.

7. Liaison to the Sustainability Committee and Green Team

- Monthly meetings to resumed in June.