



SHAKER HEIGHTS

Sustainability Committee Agenda City Hall Conference Room B Thursday, October 10, 2019 at 7:30 a.m.

1. Approval of the September 12, 2019 meeting minutes.

Documents:

[091219 SUS MIN.PDF](#)

2. Presentation: Friends of Lower Lake, John Barber and Peggy Spaeth.

3. Review of Roadmap/Objectives.

- a. Subcommittees - Update on Progress
 - i. Stormwater Management (Carmen Franks)
 - ii. Renewable Energy (Norman Robbins)
 - iii. High School Advisory Group (Julianne Potter)
 - iv. LEED for Cities (Anne Williams)
 - v. Recycling (TBD)
- 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:

[0919.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, September 12, 2019
7:30 A.M.
City Hall Conference Room B

Members Present: Julianna Johnston Senturia, Committee Chair, Council Member
Sean P. Malone, Council Member
Julianne Potter, Citizen Member
Norman Robbins, Citizen Member
Anne Williams, Council Member

Others Present: David Weiss, Mayor
Michael Peters, Sustainability Coordinator
Joyce Braverman, Planning Director
Cameron Roberts, Planner
Will Piper, Lime Scooters
Resident Peter Chengelis
One local student

The meeting was called to order by Committee Chair Julianna Johnston Senturia at 7:38 A.M. (the delayed start was due to a scooter demonstration in the City Hall parking lot prior to the meeting). Committee member Carmen Franks joined by telephone.

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Approval of the August 15, 2019 Meeting Minutes

It was moved by Anne Williams and seconded by Sean Malone that the minutes of the August 15, 2019 meeting be approved as recorded.

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Presentation/Q&A with Planning Department and Lime Scooters

[Prior to the meeting Lime Scooter representative Will Piper brought two Lime electric scooters to the City Hall parking lot for demonstration rides.]

Planning Director Joyce Braverman and Planner Cameron Roberts provided an update on the current state of the electric scooter rollout in Cuyahoga County. The County conducted an RFP for scooter vendors and the City signed on as an interested party. Planner Roberts was on the vendor selection committee. The City must now review its ordinances regarding where scooters can be ridden and the helmet law, which will take some time to revise. The City is coordinating with Cleveland Heights and University Heights in order to agree on similar rules among the jurisdictions. These communities are in a

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similar position. Euclid may be ahead of us and Lakewood has a public survey, which the City may also do in conjunction with Cleveland Heights and University Heights.

Planner Roberts provided a summary history of the process. The County received seven applications for vendor licenses in total, which was viewed positively, and four were selected for an initial pilot period of six months. Those vendors are Lime, Bird, Spin, and VeoRide. Bird will have ebikes in addition to scooters. Initial deployment in Cleveland was roughly three weeks ago. Lime expects to have 300 scooters deployed starting tomorrow. Each vendor can have up to 400 devices per permit, with 150 of those located outside the City of Cleveland. Eventually there could be 750 devices outside the City of Cleveland among the five licenses. The City is reviewing the City of Cleveland ordinances and the draft ordinance from Lakewood.

The City also needs to determine “rebalancing locations” where the devices would be redeployed after being collected and recharged. The City of Cleveland has simply marked these locations with simple white lines for the pilot period. The devices can be operated from 7am until 7pm.

The current ordinances do not address scooters, only bicycles, and where they are permitted to ride. Currently no one has helmet rules for scooters, this is being discussed.

The representative from Lime described pricing: \$1 to unlock then \$0.15 per minute. Credit can be added to your account. Riders who qualify for government aid programs qualify for half off fares. Rides can be paused, but the charges continue to accrue until the ride is ended – either at a rebalancing location (where the rider receives an incentive) or anywhere within a designated area. Users that return to a preferred parking location are entered into a daily pool and winners receive ride credits. Users are required to take a picture of the scooter at the end of the ride.

Typically in cities, the Lime rep reported, they determine rebalancing locations; however, the City of Cleveland has determined themselves where these locations are. They are happy to share this info with the City.

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Review of Sustainability Committee Roadmap & Objectives

Subcommittees updates:

- Stormwater Management (Carmen Franks)
 - Scheduling subcommittee meeting for following week
- Renewable Energy (Norman Robbins)
 - Have been attending block parties (about 30 so far) and the reception has been very positive; waiting on report of how many have signed up
 - There have been several questions at the block parties about solar including a few who are planning to add them
 - Shaker Life contemplating a story in the future on solar
- High School Advisory Group (Julianne Potter)
 - Met with Hathaway Brown sustainability director to coordinate outreach to other local private high schools; request for contact at Shaker Heights High School (subsequently done with Principal Juli)

- LEED for Cities (Anne Williams)
 - Meeting with Planning today at 1pm and received feedback from Public Works
- Recycling (TBD)
 - Outreach from resident interested in this subcommittee

City’s electricity contracts, which are coming due in 2020, were bid and will result in a savings and will be 100% renewable (green-e RECs are part of the contract).

Seven City buildings are being audited (ASHRAE Level 2) under the Greater Cleveland Partnership/COSE program at no cost to the city. This is separate from a potential streetlight audit.

Had a call with potential vendor, City technician, and representative from Police (quickest ROI) to do a pilot on one vehicle. Reached out to Beachwood regarding participation in an EV study along with University Heights; awaiting response.

Green Team is meeting later today to refine recommendations and draft a memo to the Management Team. Fire Station #1 piloting a composting program and City Hall will start a pilot on September 23rd to reduce K-cup waste.

Solar program through the County is being reviewed; a DOE technical assistance program called SolSmart is being considered by Planning to improve adoption of solar in the City.

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Other Activities

The City is participating in National Drive Electric Week and collaborating with Parks & Recreation to display a dozen electric vehicles as part of the City’s annual “Touch a Truck” event on Saturday, September 14th.

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There being no further business, the meeting was adjourned at 8:21 A.M. The next meeting will be Thursday, October 10, 2019 at 7:30 A.M.

Michael Peters
Sustainability Coordinator



Sustainability Coordinator Activities: September 2019

Summary of work conducted by category:

1. City Facilities' Utility Costs and Savings

- Submitted contract request for utility bill tracking and analysis software subscription (EnergyCAP); working to schedule initial training session to implement.
- Coordinated with Law Department to ensure new energy contracts included green-e certified renewable energy credits to conform to USGBC's LEED for Cities requirement on renewable energy.
- Continued dialogue regarding solar and potential benefit and cost savings (see below).

2. Energy Conservation Measures for City Buildings

- Conversation with local municipality to discuss LED streetlight retrofit strategy to leverage larger base; will revisit post November elections. Follow up call with vendor.
- In process of coordinating ASHRAE Level 2 audits with Greater Cleveland Partnership/COSE of major city buildings; one remaining site visit to be completed in early October.
- ASHRAE audits will provide light counts in order to assess scope of building-level LED retrofits.
- Met with rep of local engineering firm to discuss conservation measures in city buildings; given audits focused on Thornton Park and possibilities to increase efficiencies in condensers and pumps.

3. Alternative Fuel Options for City Vehicles

- Organized "National Drive Electric Week" (a national program of the Sierra Club, Plug-In America, and the Electric Auto Association) event at The Van Aken District in collaboration with Parks & Rec and their "Touch a Truck" event. Twelve local EV drivers (several from Shaker Heights including a family that brought both a plug-in hybrid and battery electric vehicles) volunteered to display their cars in front of the Van Aken District Market Hall and discuss with the several hundred attendees their experiences living with an EV. Very successful event and planning to do it again next year.
- Attended multi-day Midwest Green Transportation Forum and Expo, a Clean Fuels Ohio annual conference in Columbus. Attended numerous sessions on alternative fuel options, electrification, and charging infrastructure. Also met with several vendors on topics such as idle reduction and alternative fuel vehicles of several classes.

- Attended annual NOACA meeting; spoke with numerous peers and stakeholders regarding sustainability issues.
- Continue to pursue third city to participate in a fleet study that would determine appropriateness of replacing retiring vehicles with electric vehicles and would identify underutilized vehicles for optimal fleet size; University Heights has agreed to participate, reached out to Beachwood for possible collaboration without response.

4. Leading an Internal City Green Team

- Convened third city Green Team meeting; refined ideas and recommendations and drafted recommendation memo for Green Team review.
- Began pilot at City Hall to provide local sustainably-sourced coffee as a method of reducing K-cup waste. Scheduled for 60-day trial period.
- Met with Planning to discuss LEED for Cities requirements and scheduled meeting with County for early October to assess available resources, particularly mapping.

5. Solar Power Generation on City Owned Vacant Lots

- Continued discussion with with vendor regarding the proposal to add solar power generation to four city buildings: Public Works, The Dealership, Fire Station #1, and the Police & Courts Building.
 - Reviewing proposal internally and considering economics of structure
 - Vendor describes economics as hedge against future price increases and diversification of energy sources
- Discussed City of Cleveland solar RFP with Chief of Sustainability; reviewed RFP and invited to attend October 4th vendor meeting.
- Discussed solar canopy with solar installer; reached out to Ohio-based manufacturer of canopies specifically engineered for solar.

6. Other Green Initiatives

- LEED for Cities data collection ongoing; prepared documentation request for October meeting with County.
- Attended monthly LEED for Cities cohort call.
- Continued dialogue with Rust Belt Riders regarding the upcoming residential program, scheduled to launch October 1st (actually launched on September 30th).
- Coordinated with Planning to bring scooter vendor to monthly Sustainability Committee meeting.
- Responded to a resident request to look into Simple Recycling, a clothing recycling program used by several first ring suburbs such as South Euclid. Spoke to South Euclid, who has had a good experience and good response, as well as our Public Works department.

- Met with John Barber of Friends of Lower Lake to discuss initiatives around the natural environment. He and/or his co-founder will attend the next Committee meeting to discuss their work and its impact on the city.

7. Liaison to the Sustainability Committee and Green Team

- Attended monthly committee meeting
- Prepared agenda and minutes
- Discussed subcommittee activities with committee members