

AGENDA
SUSTAINABILITY COMMISSION
January 9, 2020
7:00 P.M.
COMMUNITY CONFERENCE ROOM 206

1. Consideration of November 21, 2019 Meeting Minutes

2. Public Comment

3. Giving to the Trees

4. ComEd
 - a. Home Energy Assessment
 - b. Central AC Cycling

5. 100% Green Residential Aggregation Program Update

6. Other Items for Discussion
 - a. Chicago River Day – May 9
 - b. Sustainable Yard Tour - Summer
 - c. Village Tree Ordinance
 - d. Committee of the Whole – January 27 @ 5PM

7. Next Meeting Date – TBD

**MEETING MINUTES
SUSTAINABILITY COMMISSION
November 21, 2019**

A meeting of the Sustainability Commission was held on Thursday, November 21, 2019 at 7:00 p.m. at Deerfield Village Hall, 850 Waukegan Road, in the Community Conference Room 206. The meeting was called to order at 7:00 p.m.

In attendance were:

Present:

Maria Albulesco
Amy Call
Dick Heller
Bill Mertes
Michael Shalen
Brian Wolkenberg

Absent was:

Don Anderson, Chairman
Daniel Dorfman
Laurie Leibowitz

Also present:

Andrew Lichterman, Assistant Village Manager

Chairperson Pro Tem

Commissioner Mertes nominated Commissioner Shalen to serve as Chairperson Pro Tem in the absence of Mr. Anderson. Commissioner Heller seconded the motion. The motion was approved unanimously.

Public Comment

Six Deerfield High School Students, five seniors and one sophomore were in attendance to observe the meeting.

Approval of Minutes

Commissioner Heller made a motion seconded by Commissioner Mertes to approve the minutes of the September 19, 2019 meeting. The minutes were approved unanimously.

Giving to the Trees

Tree Walk – September 21 Recap

Commissioner Heller recapped the event noting that arborists led two separate groups on an education tree walk through Jewett Park. Despite it being a rainy morning, 25 people attended the walk and the event was well received. The Park District was a great partner and they hosted a table with giveaways alongside the Village table. Participants received a free Green Up Deerfield tote bag and staff took emails for those people that wanted to receive a free tree sapling since they weren't available to give out during the event. Commission Heller recommended that we continue this event again next year. Mr. Lichterman noted that he would work with the subcommittee to refine logistics for next year including other possible locations to host the event. Commissioner Heller recommended that thank you notes be delivered to our event partners.

Hands-on Tree Activity – October 12

Commissioner Call recapped the event noting that twelve trees were planted in the Briarwood Nature Area. The tree species included buckeye tree and swamp white oak, amongst others. Participants also removed invasive species, such as buckthorn from the nature area. Mr. Lichterman noted that the attendance was poor as only two residents participated. In the final moments of the event another family with children attended but the event was concluding. Mr. Lichterman recommended that if the event is going to be repeated that we find a different date to host it other than the Columbus Day weekend.

Comed Home Energy Assessment

Commissioner Shalen reported on the partnership with ComEd to make energy efficiency improvements in residential homes free of charge. Through Oct of this year, 214 appointments have been scheduled in the 60015 zip code. This reflects a 14% increase over last year. Commissioner Shalen noted these type of programs require a number of contacts to get people to take action.

In summary, 12,364 LED light bulbs (average of 57 per house) have been replaced. This equates to an aggregate electric bill savings of \$91,000 (or an average of \$425 per house). The LED light bulbs last many years and the savings will be realized for over a decade. Commissioner Shalen would like to host a booth at the farmers market next year to promote this program. Mr. Lichterman noted that the DHS Earth Works Club has invited us to host a booth at the high school on Earth Day as well. The energy subcommittee will meet to review suggestions for next year's program.

Commissioner Heller reminded the group about another ComEd program that allows the utility to temporarily shut-off power at homes during peak hours. In return, customers will receive a credit on their bill. He suggested the group consider promoting this program as well.

Community Solar

Mr. Lichterman reported that the Village Board has approved a 20-year subscription agreements with MC Squared Energy Services that would allow a certain portion of Village facilities to receive green energy from a solar array being constructed in Elgin. The Village will receive a guaranteed 10% savings off the ComEd bill beginning in December.

Mr. Lichterman also noted that staff is exploring a joint solar procurement initiative with Lake County and other municipalities to install solar panels at select Village facilities. A cost benefit analysis is being conducted but non-binding agreements may need to be presented to the Village Board for consideration before the end of the year to retain federal and state energy rebates.

100% Green Residential Aggregation Program.

Mr. Lichterman confirmed that the North Shore Electric Aggregation Consortium is still pursuing this initiative but there are no updates at this time.

Other Items for Discussion

Commissioner Call noted that Friends of the Chicago River and the Deerfield Park District are hosting Chicago River Day on May 9 at the Briarwood Nature Area. She suggested that the Sustainability Commission may want to partner on the event and help with promotions. Similar to the Park Restoration Work Day, participants will plant trees and remove invasive species from the nature area.

Commissioner Call reported that Go Green Deerfield plans to host a sustainable yard tour this summer. She suggested the Sustainability Commission may want to partner on this event as well to help with promotions.

Sustainability Commission

November 21, 2019

Page 3 of 3

Ms. Call reported that she would like to review the Village's tree ordinance and possible ways to deter tree removal in the Village.

Mr. Lichterman suggested that he work with Ms. Call to write-up a summary of each of these items for the Commission's review at a future time.

Adjournment

Commissioner Shalen made a motion to adjourn. The motion was seconded by Commissioner Wolkenberg. The meeting was adjourned at 8:09 p.m.

Respectfully submitted,
Andrew Lichterman
Assistant Village Manager

Central AC Cycling

When you join ComEd's Central Air Conditioning Cycling Program, you can stay cool, earn up to \$40 dollars in bill credits from June 1 – September 30, while also reducing energy usage during the hottest days of summer. This program is available to customers who own their own home and have central air conditioning.



We offer two device options. We can either cycle your air conditioner utilizing an authorized smart thermostat, or we can install a direct load control (DLC) switch at your home. Cycling is only done when needed, and it may occur on any day for a limited period of time.

It's Easy to Join

If you own your home and have central air conditioning, you can enroll in ComEd's Central Air Conditioning Cycling Program. However, customers cannot participate simultaneously in ComEd's Central AC Cycling and Peak Time Savings programs.

[AC Cycling Program Audio Transcript](#)

[**AC Cycling Program Video**](#)

Device Options

Smart Thermostat

The smart thermostat option allows ComEd to control your thermostat through your home's Wi-Fi. Currently, Nest is the thermostat authorized for ComEd's AC Cycling Program. Before cycling occurs, we may automatically adjust temperatures to cool your home to a comfortable setting. The pre-cooling option is only available with a smart thermostat.

Smart Thermostat option	
Time:	Any day of the week, (from June 1 – September 30), between 9 a.m. and 9 p.m.
Unit cycles off:	Up to one continuous 10-hour period during any day (if needed)
Monthly Credit:	\$10 per month, per household, June 1 through September 30
Total Potential Seasonal Bill Credits:	\$40

[Enroll Online](#)

Direct Load Control Switch

The DLC switch, which ComEd will install on the side of your home or directly on the air conditioner's compressor panel, allows us to turn the compressor off, so it safely uses less energy during a cycling event. Your air conditioner's fan may remain on to circulate cool air to keep your home comfortable.

50% option	
Time:	Any day of the week, (from June 1 – September 30), between 9 a.m. and 9 p.m.
Unit cycles off:	Maximum of 15 minutes every half hour, for up to 10 hours (if needed)
Monthly Credit:	\$5 credit per month, per household, June 1 through September 30
Total Potential Seasonal Bill Credits:	\$20

100% option	
Time:	Any day of the week, (from June 1 – September 30), between 9 a.m. and 9 p.m.
Unit cycles off:	Up to 10 hours for a full air conditioning interruption, (i.e. turns air conditioner off), or can be cycled for up to 10 hours like the 50% cycling option at ComEd's discretion
Monthly Credit:	\$10 credit per month, per household, June 1 through September 30
Total Potential Seasonal Bill Credits:	\$40

If someone in your household is home during most of the day or has a medical condition, the 100% option is not recommended.

[Enroll Online](#) or enroll by phone: **1-800-986-0070**

Which Program is Better for Me - Central AC Cycling or Peak Time Savings?

Both ComEd programs offer summer bill credits and are built upon the customer's ability to reduce energy usage when energy demand is high. Most customers earn larger bill credits on Central AC Cycling than they would on Peak Time Savings, but these programs differ in several important ways.

	Peak Time Savings	Central AC Cycling w/ Direct Load Control Switch	Central AC Cycling w/ Nest Smart Thermostat
Earn Summer Bill Credits (June – Sept)	✔	✔	✔
Certainty of Receiving a Summer Bill Credit		✔	✔
\$5/mo Summer Bill Credit (\$20 Total)		✔ 50% Cycling Option	
\$10/mo Summer Bill Credit (\$40 Total)		✔ 100% Cycling Option	✔
Requires Central AC Unit		✔	✔

	Peak Time Savings	Central AC Cycling w/ Direct Load Control Switch	Central AC Cycling w/ Nest Smart Thermostat
Requires Switch Installation on Central AC Compressor		✓	
Requires a Nest Smart Thermostat & Wi-Fi Connection			✓
ComEd Performs Energy-Saving Actions Automatically (No Need to be Home)		✓	✓
Participant Manages All Energy-Saving Actions	✓		
Total of Summer Bill Credits For Most Customers Fall Between \$0 - \$10	✓		
Potential to Earn More than \$40 in Total Summer Bill Credits	✓		
Can Leverage Smart Technologies and IFTTT to Increase Bill Credit Amounts	✓		

Customers may not participate simultaneously in Central AC Cycling and Peak Time Savings.

Further Questions about Central AC Cycling?

Visit the [Central AC Cycling FAQs page](#) for quick and easy answers to the most common Central AC Cycling program questions. If you have any additional questions, you can contact us via email: AcCyclingProgram@exeloncorp.com or call our Central AC Cycling support line, 630-437-3195 (supported Monday through Friday 9 a.m. – 4 p.m.). Voicemails will be returned as soon as possible.

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