

AD-HOC SUSTAINABILITY COMMITTEE

Tuesday, October 13, 2020

6:00 p.m.

Due to the COVID-19 pandemic, this meeting will take place virtually via Zoom. Please join the meeting from your computer, table or smartphone by visiting <https://zoom.us/j/97333447776?pwd=Z0VOWmg5anc3R09xRHRURXJlSThTQT09>. You can also participate via phone by dialing, 1-312-626-6799, and use Meeting ID: 973 3344 7776. When asked for your participant ID, just press #, when asked for the [Passcode enter 221](#).

You may also choose to participate by providing public comment prior to the meeting via email to Village Clerk Lisa Kalata: lkalata@village.cottage-grove.wi.us

1. **Call to Order**
2. **Quorum:** determination of quorum and that agenda was properly posted
3. **Discuss and consider the minutes from Sept 15th, 2020.**
4. **Public Appearances:** public's opportunity to speak about any subject that is not a specific agenda item
 - a. Ryan Minor (unconfirmed)
5. **Presentation(s):**
 - a. Stuart Irwin from Clipper Creek
 - b. Jason Price from Alliant Energy (unconfirmed)
6. **EVSE Grant Program Update** (Jenny & Catie)
7. **Overview of Alliant Energy's New Solar Programs** (Catie)
 - a. See packet for info
8. **Awareness of Energy Sustainability Resolution** (Nick)
 - a. See packet for graphic
9. **Discuss Future Actionable Items**
10. **Adjournment**

Any item on the agenda is subject to final action. Notice: Persons needing special accommodations should call 608-839-4704 at least 24 hours prior to the meeting. It is possible that members of and possibly a quorum of members of other government bodies may be in attendance at the above stated meeting to gather information; no action will be taken by any governmental body at the above stated meeting other than the governmental body specifically referred to above in this notice.

Village of Cottage Grove
DRAFT Minutes Ad-Hoc Sustainability Committee
Tuesday, September 15, 2020

1. **Call to Order:** Nicholas Hess called the meeting to order at 6:00 pm. This was a Zoom meeting.
2. **Quorum:** It was determined that there was a quorum and that agenda was properly posted. Committee members present were Nicholas Hess, Heidi Murphy, Catie Malcheski, and Jenny Rogers. Committee member John Williams was present until 6:30pm. Staff present was Public Works Director JJ Larson.
3. **Discuss and consider the minutes from August 11, 2020.**

Motion to approve minutes as presented by Hess, seconded by Malcheski. **Motion** carried with a voice vote 4-0-0.
4. **Public Appearances:** public's opportunity to speak about any subject that is not a specific agenda item. Andy Ike from Envision Solar made a presentation to the committee regarding solar electric vehicle charging stations. Ike gave examples from City of Madison and Summit Credit Union. Hess asked about charging speeds. The station is capable of level 1, 2, or 3 charging. Malcheski asked about the ability to charge a fee for use and Ike confirmed that this is available. Malcheski asked about a portal feature with real time and historical data of use of the station. Ike explained the web portal. Williams asked about the system in winter weather. Ike explained that these units are installed in many different climates. Ike will share the presentation with the Village.
5. **Discuss EVSE Grant Program**

Rogers provided an update on electric vehicle charging stations grant programs. Committee members will work toward gathering additional information to compare options for charging stations and discuss with the Chamber of Commerce to gauge interest in partnering with the village on sustainable infrastructure improvements.
6. **Village Board Priority Update**

Murphy provided an update on the Village Board 2020-2021 priorities.
7. **Village Utility Account Access**

Hess has been investigating the historical usage data for the village accounts. This will provide us with a baseline to measure our improvements. Malcheski updated the committee on in person investigation of energy uses and locating areas where we can find improvements including updates on the options of solar panels on the municipal services building.
8. **Energy Sustainability Resolution**

Hess presented the draft resolution.

Motion to approve the resolution with edits as discussed by Murphy, seconded by Hess.

Motion carried with a voice vote 4-0-0.
9. **Other Items**

The next meeting is scheduled for October 13th at 6:00pm.
10. **Adjournment**

Motion to adjourn by Hess at 7:20 pm, seconded by Malcheski. **Motion** carried with a voice vote 4-0-0.

Information passed along from Catie Malcheski

A few individuals at the company I work for have engaged in conversations with Alliant Energy about Alliant's new solar programs. I had briefly mentioned these programs in meetings, but since I have not been involved in these conversations and the program is so new, I didn't know all the details. What I do know now is that in one of the programs, called "Customer Hosted", Alliant would build, own and operate a system, but it would have to be on Village land. I checked a GIS map, and the Village doesn't own very large, undeveloped parcels, which jives with what JJ or John had mentioned previously.

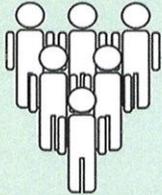
Another program, called "Renewable Energy Partner" allows a customer (aka The Village) to purchase a system, and Alliant will finance that system and pay lease payments to the land owner. So, in short, Village owns the array. Alliant finances it. Each month, the Village pays Alliant for principal and interest for the loan. Alliant pays the Village for energy generated. Alliant also pays the land owner a lease payment for letting the Village use their land. So it's a rather complex deal, but if we can make it so that the Village's costs and payments net an amount less than or equal to what the Village pays for electricity now, then it's worth pursuing.

One of the main criteria is that the parcel of land is close (<2mi) from an Alliant substation. Below are 3 parcels that meet that criteria. Highway N runs in the middle. These are all south of Coffeetown Rd. The top parcel is ~1/3 mile from a substation. The bottom parcel is about 1.5 miles. We would need the land owner to agree to leasing their land for solar.

Based on the utility data you shared with the group, we would need to build a 1MW array. Below I show 2.25MW, because that's max allowed system size for the program, and maybe we can find other entities in CG that would like to do a similar arrangement. Then they all achieve greater economies of scale.



Could you include this info in the packet so we can discuss at the next meeting? After discussions, we would need to know if this is something the Village is interested in. If so, I can ask some members of the SunVest team to talk to landowners. If the landowner and Village agree to continue, then we present this idea to Alliant. This is certainly not low hanging fruit, but it does allow us to meet our 100% net zero electricity goal!

The Village of Cottage Grove's Commitment to Sustainability		
<p>A sustainability committee was formed in March 2020</p> 	<p>Sustainability is ranked the 3rd highest priority by the Village</p>	<p>On Sept 15th, the Village passed a resolution re-affirming its commitment to renewable energy</p> 
<p>Energy consumption currently costs the Village \$140,000/year</p> <p>\$\$\$</p>	<p>CG will reduce its net annual electrical consumption 50% by 2030 and 100% by 2040</p>	<p>CG will transition 100% of the Village-owned passenger cars to electric vehicles by 2030</p>