



**Energy and Environment Committee  
Regular Agenda  
January 10, 2017  
5:30 PM  
Administrative Conference Room  
Government Center  
300 N New Ballas Rd**

- 1. Call to Order**
- 2. Roll Call**
- 3. Approval of Minutes**
  - 1. Approval of November 29, 2016 Energy and Environment Committee Meeting Minutes**
- 4. Unfinished Business**
- 5. New Business**
  - A. Committee Meeting Time and Room Location***

Staff Liaison Comment - I will adjust my schedule to meet the committees needs, however if asked my preferred meeting nights would be anytime during the day, evenings on Monday or Thursday.
  - B. Police Building Task Force Appointment***
  - C. Long Term Committee Goal Planning***
    - 1. Thoughts on Possible Ways to Operationalize EEC's Sustainability Goals**

Joe Martinich 12-30-16
- 6. Business from Members**
- 7. Buisness from Council Liaison**
- 8. Adjourn**



**Energy and Environment Committee  
Regular Minutes  
November 29, 2016  
5:30 PM  
City Council Chamber  
Government Center  
300 N New Ballas Rd**

**1. Call to Order**

**2. Roll Call**

|                  |                             |          |
|------------------|-----------------------------|----------|
| Ben Lefton       | Committee Member            |          |
| Hal Harris       | Vice Chair                  | (Absent) |
| Joseph Martinich | Chair                       |          |
| Judy Sherman     | Committee Member            |          |
| Sheerie Green    | Committee Member            |          |
| Jason Muchow     | Committee Member            |          |
| George Seifried  | Staff Liaison               |          |
| Mark Perkins     | City Administrator          |          |
| Alexis Travers   | Council Liaison             |          |
| Jim Heines       | Public Works Director       |          |
| Jen Kissinger    | Navigate Building Solutions |          |
| Todd Sweeny      | Navigate Building Solutions |          |
| Jeff Dickler     | Resident                    |          |
| Deneen Kogan     | Resident                    |          |

**3. Approval of Minutes**

**1. Approval of November 15, 2016 Energy and Environment Committee Meeting Minutes**

|                  |                                           |
|------------------|-------------------------------------------|
| <b>RESULT:</b>   | <b>ACCEPTED [UNANIMOUS]</b>               |
| <b>MOVER:</b>    | Judy Sherman, Committee Member            |
| <b>SECONDER:</b> | Joseph Martinich, Chair                   |
| <b>AYES:</b>     | Lefton, Martinich, Sherman, Green, Muchow |
| <b>ABSENT:</b>   | Harris                                    |

**4. Business From Members**

**1. Member Questions**

Chair Martinich stated the member questions will be saved until the end.

Chair Martinich stated this is a special meeting outside of our regular EEC meeting to discuss the new Police Station and how sustainability measures will be incorporated into the design.

Chair Martinich turned the floor over to Navigate Building Solutions, the City's Owner Representative for the Police Station project, for them to make their presentation.

Minutes Acceptance: Minutes of Nov 29, 2016 5:30 PM (Approval of Minutes)



**Energy and Environment Committee  
Regular Minutes  
November 29, 2016  
5:30 PM  
City Council Chamber  
Government Center  
300 N New Ballas Rd**

**RESULT:           ANNOUNCED**

## **5. New Business**

### **A. LEED Certification For Police Station**

#### **1. Navigate Building Solutions Response to Members Questions**

Todd Sweeney began by introducing his company and the roll it will play in building the new police station.

Mr. Sweeney started his presentation going through the member's questions, then deferred to Jennifer Kissinger for specific details involving LEED Certification.

Ms. Kissinger stated LEED is a 3rd party certification conducted by a separate entity and there are more of these organizations popping up every year creating different programs to push sustainable building practices. LEED is a method for measuring the implementation of sustainable building practices into the design of a building.

Mr. Sweeney stated most organizations want to incorporate sustainability, but they do not want to incur the cost associated with paying for the certification and the plaques.

Ms. Kissinger continued that a more specific discussion about LEED Version 3 vs. Version 4 and how much more is involved in the new version.

Mr. Sweeney stated he cannot advise the city what the cost would be to become LEED Certified because there are too many unknown variables; you can debate the pros and cons all day.

The committee had a general discussion about the different topics involving LEED Certification.

Chair Martinich stated he feels the focus should be on sustainability, doing the right thing, cost effectively and not about the Certification.

**RESULT:           ANNOUNCED**

#### **2. Sustainable Design and Construction Initiative Study**

Mr. Sweeney stated this document is a LEED checklist summary and it represents some of the sustainability items most Cities are trying to achieve.

Mr. Sweeney stated the (X)s represent a sustainable design feature most Cities are trying to include in their projects; where it states (Target), these features are not as easy to include, but will be explored and every effort made to include.

Mr. Sweeney stated to promote a sustainable design, start with things that are cost neutral. Cost neutral being defined as an upfront cost no more than something would

Minutes Acceptance: Minutes of Nov 29, 2016 5:30 PM (Approval of Minutes)



**Energy and Environment Committee  
Regular Minutes  
November 29, 2016  
5:30 PM  
City Council Chamber  
Government Center  
300 N New Ballas Rd**

cost if it was not sustainable.

The Committee had a general conversation about cost neutral.

Chair Martinich asked if we are restricting ourselves to cost neutral sustainability and we will miss the benefits of life cycle cost simply because we are not willing to put out more upfront cost.

Mr. Sweeney stated the items with (Target) listed by them will be explored for lifecycle cost and operations savings.

Mr. Perkins stated we will investigate the sustainability designs on a case by case basis so it can be determined if an option is better over a period of time. The City would try and balance up front cost with the time to recover the City's investment and determine, which option make sense.

The Committee discussed sustainable options.

Chair Martinich asked what the plan is to go forward, the time line and how the EE Committee can help with representation.

Mr. Perkins stated the council will create a task force and select one representative from each of the existing City Committees to be on the new task force.

Ms. Sherman asked if a plan will be created to avoid building materials going into a landfill. Ms. Kissinger responded there is a cost premium to separating debris and recycling.

The Committee had a general conversation about recycling.

Mr. Sweeney stated you have to be careful spending so much time analyzing the materials and methods to create sustainability which can detract from time spent on design and preparation.

The Committee discussed further sustainability options.

|                |                  |
|----------------|------------------|
| <b>RESULT:</b> | <b>ANNOUNCED</b> |
|----------------|------------------|

### **3. LEED Pros, Cons #1, #2 and #3**

The committee reviewed the Pros and Cons in general conversation, but not specifically to anything listed.

Minutes Acceptance: Minutes of Nov 29, 2016 5:30 PM (Approval of Minutes)



**Energy and Environment Committee  
Regular Minutes  
November 29, 2016  
5:30 PM  
City Council Chamber  
Government Center  
300 N New Ballas Rd**

**RESULT: ANNOUNCED**

#### **4. LEED Pros, Cons #2**

The committee reviewed the Pros and Cons in general conversation, but not specifically to anything listed.

**RESULT: ANNOUNCED**

#### **5. LEED Pros, Cons #3**

The committee reviewed the Pros and Cons in general conversation, but not specifically to anything listed.

**RESULT: ANNOUNCED**

#### **6. Sustainability Initiative**

Mr. Sweeney stated we need to bring together team members (designers, architects and contractors) with sensitivity to sustainability.

Mr. Sweeney stated there are three positions you can take when trying to achieve sustainability and you have to pick one of the three:

**Position #1:** The City promotes the importance of project sustainability with all design and construction vendors participating on the project. The city considers a firm's sustainable experience when making selections.

**Position #2:** The City requires the selected design team to:

- a. Have LEED Accredited Professionals on staff.
- b. Identify cost neutral sustainability initiatives to be undertaken as part of this project.
- c. Document the results of these initiatives.

The City would then have the required data to generate a City-wide news release focusing on the sustainable accomplishments made as part of these projects.

**Position #3:** The City requires that the new project achieve USGBC LEED Certified building status.

Mr. Sweeney stated when we hire an architect we need to let them know, which one of these options we are going to do.

The Committee had a general discussion about the three positions above.

Minutes Acceptance: Minutes of Nov 29, 2016 5:30 PM (Approval of Minutes)



**Energy and Environment Committee  
Regular Minutes  
November 29, 2016  
5:30 PM  
City Council Chamber  
Government Center  
300 N New Ballas Rd**

**RESULT: ANNOUNCED**

**7. Motion - Sustainability Initiative**

The committee made a motion to support Position #2 listed under Sustainability Initiative.

**RESULT: ADOPTED [UNANIMOUS]**  
**MOVER:** Ben Lefton, Committee Member  
**SECONDER:** Joseph Martinich, Chair  
**AYES:** Lefton, Martinich, Sherman, Green, Muchow  
**ABSENT:** Harris

**6. Adjourn**

**1. Motion - Close Meeting at 6:45 pm.**

**RESULT: ADOPTED [UNANIMOUS]**  
**MOVER:** Judy Sherman, Committee Member  
**SECONDER:** Joseph Martinich, Chair  
**AYES:** Lefton, Martinich, Sherman, Green, Muchow  
**ABSENT:** Harris

Minutes Acceptance: Minutes of Nov 29, 2016 5:30 PM (Approval of Minutes)

Thoughts on Possible Ways to Operationalize EEC's Sustainability Goals  
Joe Martinich 12-30-16

Goals are to:

1. Educate residents and businesses in CC about sustainability
2. Encourage and help businesses to improve environmental sustainability, including:
  - Help businesses work cooperatively to purchase sustainable goods and services
  - Energy efficiency retrofits
  - Sustainable energy installations (solar, geothermal)
  - Recycling/composting
3. Continue to promote walking and bicycling and implement efforts to make CC streets safe and "friendly" for cycling and walking.

Possible things EEC can do to operationalize these:

1. Education - General issues
  - Should we/how should we get input from residents and businesses about what information they would like?
    - Request input in newsletters?
    - Meetings with neighborhood and business groups?
  - Sessions where residents and businesses share their experiences on sustainability topics/actions
1. Residential Education:
  - Keep website with sustainability information up-to-date
    - Especially keep the curbside recycling information accurate
    - Make sure residents are reminded about what should and should not go into recycling carts at least annually, and preferable semi-annually - **in newsletter**
  - Provide repeat (but updated version) of last year's 1-hr session on sustainability (energy efficiency tips, etc.)
  - Solar energy panel discussion/presentation
    - Have a couple installers, possibly Ameren rep, and some residents who have had panels installed discuss their experiences

### 1. Business Education

- Work with Economic Development Committee and CC/Olivette Chamber and other organizations (e.g., USGBC, Green Dining Alliance, Danforth Center) to figure out a good format/forum for disseminating information about energy efficiency, sustainable energy, recycling, waste reduction)
  - Possible formats and issues
  - Talks by speakers? Topics? How long? When/where?
  - Panel discussions by reps from companies that have implemented green projects/methods. Topics? When/where? Which organizations would be willing to present?
  - Restaurants and groceries/Green dining alliance

### 2. Help businesses implement “green” practices.

- Group purchases
  - Energy efficiency
  - Sustainable energy
  - Recycling
  - Composting
  - Sustainability consulting/management
- What/who/how:
  - Providers: would they be willing to commit to better prices if more than one buyer? How much? Would they help get the word out?
  - How would we inform businesses/buyers and get them to participate?
    - Start with a meeting of Green Dining Alliance members in CC?
    - Meet with solar installer companies?
    - Meet with recyclables collection companies (not necessarily waste haulers)
    - Energy auditors?
    - Major EE contractors?

### 3. Improve City’s foot and bike friendliness/safety

- Signage
  - Select type, number, locations and cost of signs
    - Divide into financially manageable projects and try to get in capital plan
  - Track implementation of the Comprehensive Plan to make sure relevant items are implemented
  - Try to identify a City staff/police liaison for bicycle issues to work with EEC
  - Prepare financial case for Council to create a PT position devoted to promoting walking and cycling and bike and pedestrian safety