



# City of Columbia, Missouri

## Meeting Minutes

### Mayor's Task Force on Infrastructure

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Tuesday, July 19, 2016

7:00 PM

Regular

City Hall  
Conference Room 1B  
Columbia, MO

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#### I. CALL TO ORDER AND ROLL CALL

Ms. Tracy Greever-Rice called the meeting to order at 7:01 p.m.

Staff Present: Tad Johnsen, City Utilities Director; Ryan Williams, Assistant City Utilities Director; Chris Kisch, Sr. Administrative Assistant

Public: John Clark

**Present:** 7 - Tracy Greever-Rice, John Conway, Gregg Coffin, Cody Darr, Tony Grove, Katrina Boles and Kim Kraus

**Absent:** 2 - Jen Hedrick and Bill Weitkemper

#### II. APPROVAL OF AGENDA

The July 19, 2016 Agenda was approved with a motion by Mr. John Conway and a second by Ms. Kim Kraus. Motion passed unanimously.

#### III. APPROVAL OF MINUTES

Approval of minutes from July 12, 2016 tabled to July 26, 2016 meeting.

#### IV. NEW BUSINESS

##### a) Staff Presentation on Downtown Area Electric Utility Issues

Mr. Ryan Williams presented a power point presentation on the downtown area electric issues. Mr. Williams began with a historical perspective explaining the utility plan measures and bonds. He stated that the City uses a combination of bonds to fund large projects, meaning projects with long life spans. Mr. Williams noted that the most recent bond pays for infrastructure that will benefit the entire system, transmission lines, and new substation. Mr. Williams included the growth rate in Columbia, noting that the current growth rate is at 1.25%. He advised that the City has a five year Capital Improvement Plan (CIP). Mr. Williams told how from 1904 to 1961 the Municipal Power Plant was the only source of electric. He noted that the original system was 2400 volts. He continued that in 1961 the City signed a Power Purchase Agreement with Central Electric Coop. He stated that by the end of 1979 the City purchased over half of the electric power from Union Electric, which is now

Ameren. He included that in 1981 the City signed a Purchase Power Agreement with the City of Sikeston and Kansas City, Kansas. Mr. Williams told about capacity purchases from Prairie State in 2006, and the purchase of the Columbia Energy Center (CEC) in 2011. He advised the task force that the City does have enough generation to balance the load needed. He then told how generation occurs using the transmission lines. He informed the task force that the generation resource must match the balance load per MISO regulations. Mr. Williams explained the transmission system, how FERC and NERC are in charge and the City must meet their regulations. It was noted that NERC performs audits every three years and the next audit is due in September, 2016. He added that the process usually takes approximately three to four days. Mr. Williams advised that cyber upgrades were made in order for the City to be compliant with new cyber regulations that became effective July 1, 2016. Mr. Williams went on to explain the current system, noting that the last of the 2400 volt system was removed in 2003. He then mentioned that when that system was retired it was almost 100 years old. Mr. Williams presented a map of the downtown area circuitry, noting there are 13 feeder circuits. He advised the circuit load that serves the downtown area varies from 90% to 10%. Mr. Williams informed the task force that in 1988 the City and Boone Electric Cooperative approved the Missouri PCS, meaning the City shall provide electric service to all new customers within the City's electric service territory. Mr. Conway asked if the electric system is modeled. Mr. Williams replied there are several different models. He noted the different models used, adding that the strategist resource planning model has two control centers, one downtown and one at the Municipal Power Plant. Mr. Williams then explained the different programs available to customers to help reduce loads and peak demands. He noted the Commercial Lighting Incentive Program (CLIP) and the home energy audits. He added that the City has energy management specialist that can help also. Mr. Williams stated that people are using more electric now than before with the I-pads, cell phones, etc., and they become less tolerant when outages occur. Mr. Williams moved to future projects, noting the Millcreek Substation will be back with Council later this year for final decision. Mr. Conway asked if any of the equipment has been purchased for the Millcreek Substation. Mr. Williams answered that it has, and the City has already taken possession of some items.

## V. OLD BUSINESS

- a) **Review Materials Needed to Form Infrastructure Funding and Development Fees Recommendations**

Carried over to July 26, 2016 meeting.

**b) Review Materials Needed to Form Infrastructure Funding and Development Fees Recommendations**

Carried over to July 26, 2016 meeting.

**VI. GENERAL COMMENTS BY PUBLIC, MEMBERS AND STAFF**

John Clark, a Columbia resident stated fiber optics under the City being tied to the transformers provides him with an explanation for outages. Mr. Clark noted that a worst case scenario for expansion seems like a prudent margin. He asked if the power generation side is figured. Mr. Tad Johnsen explained they are forecasted separately. Mr. Clark stated that it controls usage and demand. He then stated he is not interested in building downtown and not all should go to downtown; it should be built up for the whole City. Mr. Clark concluded stating that energy storage should be included in the model and not be an afterthought.

Ms. Greever-Rice informed the task force that she has spoken with the Mayor and he is comfortable with extending the timeline another couple of months to get feedback. She explained that in the beginning, an interim report was due. She would like to do a draft report to submit. She ended stating that the task force should focus on the remaining process, recommendations, etc.

**VII. NEXT MEETING DATE**

July 26, 2016 at 7:00 p.m. in Conference Room 1C  
August 2, 2016 at 7:00 p.m. in Conference Room 1C  
August 9, 2016 at 7:00 p.m. in Conference Room 1C  
August 17, 2016 at 7:00 p.m. in Conference Room 1C  
August 24, 2016 at 7:00 p.m. in Conference Room 1C  
August 30, 2016 at 7:00 p.m. in Conference Room 1C

**VIII. ADJOURNMENT**

The meeting adjourned at 9:25 p.m.

Members of the public may attend any open meeting. For requests for accommodations related to disability, please call 573-874-7214. In order to assist staff in making the appropriate arrangements for your accommodation, please make your request as far in advance of the posted meeting date as possible.