



**AGENDA  
CITY OF HARRISONVILLE  
PUBLIC WORKS COMMITTEE  
REGULAR MEETING  
CITY HALL  
AUGUST 1, 2017  
6:00 PM**

- I. Call to Order**
  - 1. Roll Call**
- II. Approval of Minutes**
  - 1. Public Works Committee - Regular Meeting - May 2, 2017 6:00 PM**
- III. Agenda Items**
  - 1. Solar Energy Station**
  - 2. Single Phase Commercial Meter Policy**
- IV. Public Works Project Updates**
  - 1. August 2017 Project update**
- V. Airport Reports**
  - 1. Lawrence Smith Memorial Airport Report for July 2017**
- VI. General Discussion**
- VII. Adjourn**

**Posted on City Hall Bulletin Board this day of**

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**Randall K. Jones, City Clerk**

**The Board of Aldermen meeting is an open meeting but is not a meeting of the public. There is a place on the agenda for comments of citizens under PUBLIC PARTICIPATION. Our rule is that comments by any individual or group shall not exceed (4) minutes. The Board of Aldermen request that concerns be initially addressed at the appropriate action level before coming to the Board of Alderman**



**MINUTES  
CITY OF HARRISONVILLE  
PUBLIC WORKS COMMITTEE  
REGULAR MEETING  
CITY HALL  
MAY 2, 2017  
6:00 PM**

**I. Call to Order**

The meeting was called to order at 6:00 PM by Chair Brian Hasek

Attendee Name	Organization	Title	Status	Arrived
David Dickerson	Harrisonville	Member	Present	
Matt Turner	Harrisonville	Member	Present	
Brian Hasek	Harrisonville	Chair	Present	
Clint Long	Harrisonville	Member	Absent	
Brad Bockelman	Harrisonville	Member	Present	

*Also present were Eric Patterson, Director of Public Works; Happy Welch, City Administrator; Rodney Jacobs, Street Superintendent; James Green, Lawrence Smith Memorial Airport Manager; April Clark, Recording Secretary.*

**II. Approval of Minutes**

**1. Public Works Committee - Regular Meeting - Feb 7, 2017 6:00 PM**

*With no additions or corrections, the February 7, 2017, minutes were approved as written.*

<b>RESULT:</b>	<b>ACCEPTED [UNANIMOUS]</b>
<b>MOVER:</b>	David Dickerson, Member
<b>SECONDER:</b>	Matt Turner, Member
<b>AYES:</b>	David Dickerson, Matt Turner, Brian Hasek, Brad Bockelman
<b>ABSENT:</b>	Clint Long

**III. Public Works Project Updates**

**1. May Public Works Update**

*Director Eric Patterson updated members on the status of current and upcoming projects, including the Water Treatment Plant construction; the I-49 waterline crossing; Beckerdite waterline; the Chateau stormwater project; 2015, 2016, & Jefferson Parkway sidewalk programs; and an ordinance regarding single phase commercial customers. There was general discussion about each item.*

Street Superintendent Rodney Jacobs said the 2015 & 2016 sidewalk programs are complete. The largest hurdle on the Jefferson Parkway program will be MODOT.

David Dickerson asked to discuss some stormwater problems as part of the MS4 project. He is concerned with the runoff at Oakland Cemetery. Street Superintendent Jacobs said they are working on it as much as possible. Alderman Dickerson said the cemetery board would like a meeting to discuss the issue. Director Patterson said the cemetery board may have to look into relocating the plots that are in danger of being exposed. He said City Engineer Ted Martin is looking into some options. There was some discussion about the water that gets into the Cox Automotive building when the creek is up.

**RESULT: DISCUSSION**

**IV. Action Items**

**1. Tap Fees**

City Administrator Happy Welch explained that including the tap fees in the building permit would help streamline the process for a homeowner or builder obtaining a permit. Combining two section of the ordinance in to one, depending on the size of the water line, would result in a minimum water tap fee of \$520.00 for a 3/4" size line. The same with the sewer would result in a minimum sewer tap fee of \$581.00 for a 3/4" size line. There was discussion about in-fill lots and new subdivision lots. It was decided to add \$100.00 to the water for tapping, and \$550.00 to the sewer. The electric amounts differ by subdivision, so it was decided to split the difference and charge \$173.50 for residential electric. Business/industry and larger electric users will have higher rates.

Alderman Dickerson made a motion to approve the combination of the water, sewer and electric fees and update the ordinance to reflect the combined fee. Alderman Bockelman seconded. The motion passed unanimously.

**RESULT: RECOMMENDED FOR BOARD APPROVAL [UNANIMOUS]**  
**MOVER:** David Dickerson, Member  
**SECONDER:** Brad Bockelman, Member  
**AYES:** David Dickerson, Matt Turner, Brian Hasek, Brad Bockelman  
**ABSENT:** Clint Long

**V. Airport Reports**

**1. Airport Report**

Airport Manager James Green updated members on work at the airport, including site layout, GIS, and the CIP funding. Mr. Green explained two timelines and asked the members to recommend one. The consensus was to hold off on a decision until the budget process has started and see what the best would be financially. Mayor Hasek said a decision would be made by the September 2017 deadline. Director Patterson said a contract can't be entered into unless the funds are available. They will bring this item back to the June meeting.

**RESULT: DISCUSSION**

**VI. General Discussion**

Minutes Acceptance: Minutes of May 2, 2017 6:00 PM (Approval of Minutes)

Street Superintendent Jacobs informed the members how the extra money given to the department was spent. He said \$150,000.00 is for asphalt, \$150,000.00 is for crack sealing, and \$100,000.00 is for sidewalk, which will include Jefferson Parkway. He talked about some streets that had been sealed and others that are on the list.

Several areas were discussed that could be added to the list for repair. The problem with the railroad crossing on Mechanic and the roadway in front of the new Casey's were discussed.

## VII. Adjourn

Alderman Dickerson made a motion to adjourn and Alderman Turner seconded. The motion passed unanimously, and the meeting was adjourned at 7:03 PM.

\_\_\_\_\_  
Brian Hasek, Mayor & Ex-Officio  
Chairman of the Board of Aldermen

ATTEST:

\_\_\_\_\_  
Randall K. Jones, City Clerk

Minutes Acceptance: Minutes of May 2, 2017 6:00 PM (Approval of Minutes)

# MC Power celebrates completion of Marshall solar farm

Tuesday, January 17, 2017  
Arron Hustead/Staff Writer



Representatives of the city of Marshall, Marshall Municipal Utilities, MC Power, and the Marshall community gather at the site of MC Power's solar farm for a dedication ceremony Tuesday, Jan. 17, to celebrate the project's successful completion. The farm began generating power Thursday, Dec. 8, 2016. (Arron Hustead/Democrat-News)

[Order this photo](#)

Though it took longer than anticipated, Marshall now has a functioning solar farm.

At a dedication ceremony Tuesday, Jan. 17, MC Power welcomed the community to celebrate the project's completion. The farm officially began generating power more than a month prior on Dec. 8, 2016, slightly less than a year later than initial start-up estimates. A groundbreaking ceremony was held at the site on Aug. 27, 2015, with plans to start construction that November and be completed by Christmas. However, partway through construction, progress on the project was halted by the Federal Aviation Administration, pending further paperwork and approval.

"We are honored to have (MC Power) here," Mayor Mark Gooden said. "I know the city council that are here today, and the city administrator and myself -- we are thankful that you chose Marshall, and we are a forward-thinking community. Kyle Gibbs and (Marshall Municipal Utilities), they just did an awesome job. We had a few hiccups with the FAA, but went through that pretty good. It's been a challenge, but it's been kind of exciting to see this development."

The project fell under FAA jurisdiction due to its proximity to Marshall Memorial Municipal Airport, creating a need to ensure that glare from the arrays would not create an impediment to air traffic.

Located at the intersection of U.S. Highway 65, and Fairground Road, directly across the highway from Fitzgibbon Hospital, the solar farm is one of the first things drivers entering Marshall from the south see on their way into the city.

"Those involved made the project something that so many people that drive by it every day can be proud of," MC Power Senior Vice President Loren Williamson said. "Something that commands attention to visitors as you come into the city of Marshall. A facility that will serve the community, serve the groups of communities that belong to the Missouri Public Energy Pool and Missouri Joint Municipal Electric Utility Commission for a number of years to come."

The facility is comprised of 10,260 individual solar panels, capable of producing 310 watts each. As of Tuesday morning, the farm had already generated a total of 211 megawatt hours of energy since the date it went online, enough to power 13 homes for an entire year. The facility is expected to be capable of producing enough energy in a year to equal the amount consumed by 350 average households. Live power production statistics from any of MC Power's solar facilities can be monitored at [www.mcpower.com/solar.html](http://www.mcpower.com/solar.html).

The Marshall farm joins five other MC Power solar facilities currently in operation, along with Trenton, Butler, Macon, Rolla and Waynesville. Three additional facilities are already in the planning stages, at Chilicothe, Higginsville and Lebanon.

"I really believe we've the best location of any solar project of the six that are built so far," MMU General Manager Kyle Gibbs said. "Ours is very robust. You can see it on (Highway) 65. If you're in the doctor's office across the street, looking out the window you can see the solar panels, and that's a very progressive thing to see in Marshall. It took us a while to get here, but in the long term, I think it was worth the effort."

In November 2015, the city council approved a contract leasing the site to MC Power for the next 25 years, amending the contract a month later to authorize MC Power the option to extend that lease for another 10 years. Williamson said the city had been welcoming from the beginning and said the level of interest from the community throughout the process was indicative of a great partnership moving forward.

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Bill Date	Business Type	kWh Usage	kWh \$	kW Usage	Estimated kW \$	Electric \$ w/o Demand Charge	Electric \$ w/Demand Charge		Power Cost Adj	PCA \$
7/1	Professional	4578	\$507.37	17.85	\$166.72	\$547.66	\$ 597.03	49.38	0.0088	40.2864
6/1		3666	\$412.34	13.58	\$126.84	\$503.62	\$ 535.55	31.93	0.0249	91.2834
5/1		3834	\$429.84	13.13	\$122.63	\$475.08	\$ 498.68	23.60	0.0118	45.2412
4/1		3590	\$404.42	11.99	\$111.99	\$448.94	\$ 467.89	18.95	0.0124	44.516
3/1		4298	\$478.19	12.5	\$116.75	\$464.01	\$ 470.31	6.30	-0.0033	-14.1834

7/1	Professional	2847	\$327.00	14.2	\$132.63	\$352.05	\$ 409.92	57.87	0.0088	25.0536
6/1		2333	\$273.44	14.19	\$132.63	\$331.53	\$ 401.95	70.42	0.0249	58.0917
5/1		2225	\$262.19	12.21	\$132.53	\$288.45	\$ 343.03	54.58	0.0118	26.255
4/1		2129	\$252.18	11.4	\$114.04	\$278.58	\$ 327.96	49.38	0.0124	26.3996
3/1		2277	\$267.60	12.2	\$106.48	\$260.09	\$ 313.30	53.22	-0.0033	-7.5141

7/1	Gas Station	5052	\$556.76	17.45	\$162.98	\$601.22	\$ 635.20	33.98	0.0088	44.4576
6/1		4711	\$521.23	17.3	\$161.58	\$638.53	\$ 679.50	40.97	0.0249	117.3039
5/1		5771	\$631.68	17.48	\$163.26	\$699.78	\$ 716.35	16.57	0.0118	68.0978
4/1		5272	\$579.68	17.51	\$163.54	\$645.05	\$ 674.19	29.13	0.0124	65.3728
3/1		6743	\$704.83	19.05	\$177.93	\$682.58	\$ 718.04	35.46	-0.0033	-22.2519

7/1	Small Retail	5527	\$606.25	10.64	\$99.38	\$654.89	\$ 613.58	(41.30)	0.0088	48.6376
6/1		5075	\$559.16	11.06	\$103.30	\$685.53	\$ 659.26	(26.27)	0.0249	126.3675
5/1		5388	\$591.77	10.69	\$99.84	\$655.35	\$ 617.93	(37.42)	0.0118	63.5784
4/1		5177	\$569.78	11.1	\$103.67	\$633.97	\$ 605.58	(28.40)	0.0124	64.1948
3/1		6322	\$689.09	15.9	\$148.51	\$668.23	\$ 656.49	(11.73)	-0.0033	-20.8626

Bill Date	Business Type	kWh Usage	kWh \$	kW Usage	Estimated kW \$	Electric \$ w/o Demand Charge	Electric \$ w/Demand Charge		Power Cost Adj	PCA \$
7/1	Veterinarian	1808	\$218.73	11.7	\$109.28	\$234.64	\$ 294.73	60.08	0.0088	15.9104
6/1		1187	\$154.03	10.62	\$99.19	\$183.59	\$ 248.85	65.27	0.0249	29.5563
5/1		1239	\$159.44	7.26	\$67.81	\$174.06	\$ 206.67	32.61	0.0118	14.6202
4/1		1117	\$146.73	7.82	\$73.04	\$160.58	\$ 201.42	40.84	0.0124	13.8508
3/1		1238	\$159.34	6.45	\$60.24	\$155.25	\$ 180.32	25.07	-0.0033	-4.0854

7/1	Service Medical	3189	\$362.63	13.85	\$129.36	\$390.69	\$ 436.89	46.19	0.0088	28.0632
6/1		3143	\$357.84	14.1	\$131.69	\$436.10	\$ 485.76	49.66	0.0249	78.2607
5/1		3377	\$382.22	10.4	\$97.14	\$422.07	\$ 431.41	9.35	0.0118	39.8486
4/1		2889	\$331.37	10.17	\$94.99	\$367.19	\$ 386.40	19.20	0.0124	35.8236
3/1		2906	\$333.15	9.6	\$89.66	\$323.56	\$ 337.01	13.45	-0.0033	-9.5898

7/1	Service Construction	4639	\$513.72	15	\$140.10	\$554.54	\$ 575.81	21.26	0.0088	40.8232
6/1		3706	\$416.51	12.46	\$116.38	\$508.79	\$ 529.27	20.48	0.0249	92.2794
5/1		3379	\$382.43	8.98	\$83.87	\$422.30	\$ 418.33	(3.97)	0.0118	39.8722
4/1		3207	364.51	9.23	\$86.21	\$404.28	\$ 406.87	2.60	0.0124	39.7668
3/1		3623	407.86	11.4	\$106.48	\$395.90	\$ 408.53	12.63	-0.0033	-11.9559



## LAWRENCE SMITH MEMORIAL AIRPORT REPORT

For the month of July, 2017

### Hangar and Tie Down Space:

- All hangars are full, 18 people on the waiting list
- 8 Outside tie down spots available

### Fuel:

- Potential jet fuel sales – approx. 450 gallons
- 100LL – our current price is \$4.10 per gallon
- Fuel prices in our service area:
 

Lee's Summit	\$3.72 per gal.
Butler	\$3.99 per gal.
Ottawa KS	\$4.25 per gal.
Johnson County	\$5.50 per gal.
Vinland Valley	\$4.29 per gal.

### AVGAS Sales: (June 29<sup>th</sup> through July 25<sup>th</sup>)

- |                |                   |
|----------------|-------------------|
| ▪ Price        | \$4.10 per gallon |
| ▪ Gallons Sold | 746 gallons       |
| ▪ Revenue      | \$3,058.92        |
| ▪ Profit       | \$498.75          |

### Airport Hay Operations:

The first round of hay has been cut and baled. Due to the rain the first round was delayed so the grass may not have enough time to grow to an acceptable level to hay again this season. If this is the case the operators will mow the haying area prior to applying chemical this fall in preparation for next season.

### Runway Closure:

On Monday, July 24<sup>th</sup>, the runway was closed for approximately 2.5 hours for a plane that became immobile while taxiing back to the ramp area. The aircraft had landed safely and the right main gear strut collapsed while the pilot was taxiing back to the hangar. No injuries and no damage to the runway occurred.

During the closure no aircraft attempted to depart or land.