

Zoom meeting: <https://us02web.zoom.us/j/88282953776>

TRENTON UTILITY COMMITTEE
TUESDAY, JANUARY 18, 2022
6:00 P.M.

Public notice is hereby given that a meeting of the Trenton Utility Committee will be held at City Hall on January 18, 2022, 6:00 p.m., to consider and act upon the matters on the following agenda and such other matters as may be presented at that time. Zoom meeting: <https://us02web.zoom.us/j/88282953776>

CALL TO ORDER

UNFINISHED BUSINESS

NEW BUSINESS

1. Department Reports
2. Review of Monthly Financial Reports
3. Utility Director's report

ADJOURNMENT

Posted: January 13, 2022, 8:47 a.m.



1808 I-70 Drive SW Columbia, MO 65203
(t) 573-445-3279 www.mpua.org

MoPEP Invoice

Customer ID: 1098
Invoice #: 19654
Invoice Date: 1/7/2022
Invoice Due Date: 01/19/22

Bill To: Trenton Municipal Utilities
1100 Main Street
Trenton, Missouri 64683

Make Checks Payable to:
Missouri Joint Municipal
Electric Utility Commission

Peak: 10.7
Day: 12/6/2021
Hour: 20

MoPEP Service for December 2021

Description	Qty	Unit	Rate	Amount
ASSET CHARGES:				
December Asset Charge: Estimated	13.9	MW	\$12,160.00	\$169,024.00
November Asset Charge: Actual	13.9	MW	\$8,008.94	\$111,324.27
November Asset Charge: Paid by City	13.9	MW	-\$8,993.00	-\$125,002.70
October Asset TU Charges:	13.9	MW	-\$81.93	-\$1,138.77
Other Asset Charges:	0.0	MW	\$0.00	\$0.00
Total Asset Charges				\$154,206.80
LOAD CHARGES:				
December Load Charge: Estimated	5,994.5	MWhs	\$31.3072	\$187,671.01
December Load Losses Charge: Estimated	401.4	MWhs	\$31.3072	\$12,566.71
November Load Charge: Actual	5,867.3	MWhs	\$46.3136	\$271,735.79
November Load Charge: Paid by City	5,867.3	MWhs	-\$46.2246	-\$271,213.60
October Load TU Charges	5,526.3	MWhs		\$0.00
Other Load TU Charges: Feb '21 Energy TU		MWhs		\$13,575.13
Total Load Charges				\$214,335.04
LOCAL TRANSMISSION CHARGES:				
Dec NW G&T Charge: Estimated	5,745.100	MWhs	\$8.31	\$47,741.78
Dec Grundy-AECI Credit				-\$390.53
Nov NW G&T Charge: Actual	5,173.923	MWhs	\$8.31	\$42,995.30
Nov NW/AECI G&T Charge: Paid by City	5,179.300	MWhs	-\$9.02	-\$46,698.99
Nov NW-Grundy Credit				-\$266.75
Oct NW TU				-\$3,434.61
Total Local Transmission Charges				\$39,946.20
OTHER CHARGES/CREDITS:				
December Hydro Capacity Credit Adjustment				\$42.55
November Solar Energy RECs	73.6371	MWhs	\$40.00	\$2,945.48
Feb Relief MUELP (7 of 60) Payment				\$11,423.49
Total Other Charges/Credits				\$14,411.52
GENERATION CREDITS:				
Nov Capacity Credit	24.200	MWs	-\$596.338843	-\$14,431.40
Nov Diesel Energy Credit	13.200	MWhs	-\$215.608333	-\$2,846.03
Total Generation Credits				-\$17,277.43

Paying via ACH/WIRE is the preferred payment method. Please contact Becky Class at bclass@mpua.org if you need additional info to begin this payment method with MJMEUC.

Total Invoice Due \$405,622.13

ACH/WIRE Instructions: Commerce Bank, NA
ABA # 101000019
Account # 400150525

City's All-In Cost Calculation	Dec Estimate	Nov True Up	YTD thru Oct
City's All-in Cost for Energy & Capacity (\$/MWHr)	\$ 57.73 *	\$ 65.29	\$ 73.46
*Does NOT include local transmission or true ups beyond 30 days			
City's Credits for Local Energy & Capacity (\$/MWHr)		\$ (2.94)	\$ (3.82)
City's Local Transmission (\$/MWHr)	\$ 7.46	\$ 7.33	\$ 7.10
City's Total All-In Cost (\$/MWHr)	\$ 65.20	\$ 69.67	\$ 76.74

MOPEP STAT SHEET

Operating Month: Nov 2021

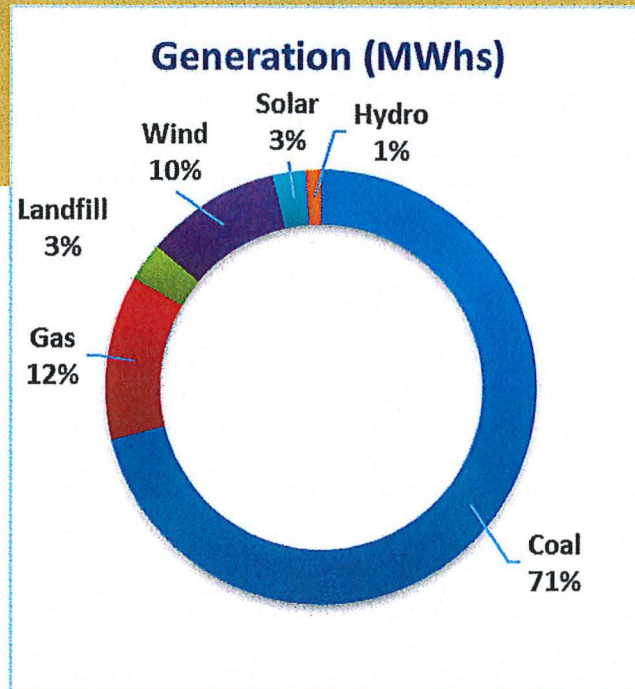
Nov MoPEP All-In Rate: \$67.81/MWh

Nov Asset Rate: \$8,009/MW-Month

Nov Avg Load Rate: \$46.77/MWh

Nov High-Cost Hours: 9-11 am & 5-6 pm

Nov Avoided Fuel Cost: \$12.4/MWh



Nov-21	Average Hourly Load Rates (\$/MWh)						
HE	M	T	W	Th	F	Sat	Sun
1	\$26	\$24	\$30	\$28	\$31	\$34	\$32
2	\$27	\$27	\$30	\$30	\$35	\$37	\$33
3	\$27	\$29	\$28	\$29	\$33	\$38	\$32
4	\$28	\$30	\$28	\$30	\$35	\$41	\$32
5	\$31	\$38	\$29	\$37	\$37	\$46	\$30
6	\$44	\$43	\$36	\$45	\$47	\$50	\$34
7	\$62	\$59	\$50	\$64	\$57	\$58	\$39
8	\$55	\$59	\$50	\$67	\$55	\$61	\$42
9	\$53	\$59	\$49	\$59	\$54	\$63	\$51
10	\$69	\$65	\$54	\$69	\$59	\$73	\$56
11	\$65	\$63	\$51	\$63	\$53	\$70	\$49
12	\$59	\$56	\$46	\$59	\$49	\$57	\$42
13	\$57	\$53	\$44	\$55	\$47	\$50	\$40
14	\$53	\$52	\$42	\$53	\$44	\$46	\$39
15	\$52	\$49	\$40	\$49	\$40	\$42	\$39
16	\$55	\$50	\$39	\$51	\$45	\$42	\$41
17	\$62	\$58	\$48	\$59	\$51	\$48	\$52
18	\$69	\$69	\$60	\$70	\$62	\$56	\$61
19	\$57	\$63	\$55	\$56	\$47	\$45	\$47
20	\$49	\$53	\$49	\$47	\$43	\$41	\$40
21	\$43	\$47	\$44	\$39	\$41	\$36	\$34
22	\$36	\$41	\$44	\$32	\$43	\$32	\$29
23	\$32	\$36	\$40	\$26	\$39	\$32	\$24
24	\$26	\$31	\$36	\$21	\$32	\$26	\$17

As we head into winter you'll notice the heat map of average hourly prices changes to winter pattern. We will transition from a clear afternoon peak to a "double hump" which adds a morning peak.

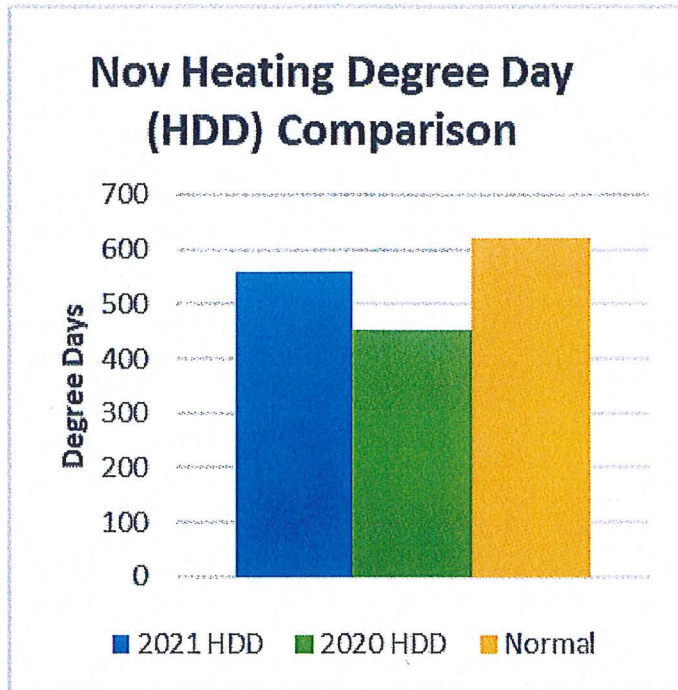
MoPEP had several conventional generators on outage during November. This decreased the market revenue from energy sales that typically helps offset asset costs. In addition, we incur higher operation and maintenance costs during outage months which also drives up the asset rate.

**MoPEP Committee & Virtual
Ownership Working Group
Meetings -
February 3, 2022 at 10 am
MPUA Office & Training Center**



MOPEP STAT SHEET

Operating Month: Nov 2021



Heating degree days were higher year over year, but still lower than normal. This resulted in about a 3% increase in load as compared to Nov 2020. Degree days are a measurement of how far daily temperatures are from an average of 65 degrees Fahrenheit to show the energy impact of heating/cooling.

SPP February 2021 Resettlement

On December 13 & 14 SPP posted resettlements covering the majority of remaining disputes for operating days Feb. 11- 20th 2021. MoPEP received around \$600,000 in credits from an outstanding dispute at one of its generators. MoPEP's share of charges related to other entities' disputes was about \$1M. The net effect is reflected as a charge on your current invoice and was applied using Feb 2021's load ratio share.

We're Moving!
Mid-January 2022
MPUA Office and Training Center
2200 Maguire Blvd
Columbia, MO 65201

UTILITY DIRECTOR REPORT

January 18, 2022 Utility Committee Meeting

Electric Dept.

Electric meter change outs are finished for FY 21-22. Crew is trying to work on tree trimming but other more urgent work keeps side tracking their efforts.

Water Dept.

Water Treatment Plant: Normal operations. New gates installed to reservoir.

Water Distribution: Routine maintenance and replacing old water meters.

Sewer Dept.

Sewer Treatment Plant: Normal operations

Sewer Collection: Performing routine cleaning and repair work and installing new water meters.

Administration

*Sludge processing Bldg. roof replacement Bid Opening, 1/19

*21 inch sewer main lining project Bid Opening, 2/4

*Water crew have about 35 old water meters remaining to replace for the new AMI system. Having difficulty getting permission to get in basements to replace meters.

*Financing for WTP; council accepted proposal and preparing agreement for council for February.

*Acct. Payable and Asst. Comptroller position has been filled.

Short Term Goals (Next few weeks):

Work with Howe Co. to start on 5 year OSP water projects.

Start working with Dept. Heads on FY 22-23 budgets.