

**STAFF REVENUE CALC**

FOR SETTLEMENT PURPOSES ONLY

Test Year	2018		2018		2018		2018		2018		2018		2018		Total
	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar			
Customers	3,021	3,024	3,021	3,018	3,016	3,019	3,028	3,031	3,034	3,029	3,027	3,028		36,296	
Summer kWh															
1st 700	0	115	817,270	1,666,153	1,655,121	1,623,527	816,184	(1,001)	139	1,395	0	1,659		6,580,562	
Over 700	0	0	3,087,278	6,392,523	5,733,916	5,200,597	2,122,524	(1,595)	(755)	69	0	(559)		22,533,998	
Winter kWh															
1st 700	1,669,242	1,593,804	800,551	488	0	0	810,500	1,661,142	1,749,542	1,760,873	1,767,228	1,761,369		13,574,739	
Over 700	4,689,038	3,872,513	2,189,278	(1,941)	0	0	2,382,592	5,086,581	6,007,843	6,867,834	7,524,941	6,826,226		45,444,905	
Total kWh	6,358,280	5,466,432	6,894,377	8,057,223	7,389,037	6,824,124	6,131,800	6,745,127	7,756,769	8,630,171	9,292,169	8,588,695		88,134,204	
Opt-Out kWh	106,680	106,680	106,680	106,680	106,680	106,680	106,680	106,680	106,680	106,680	106,680	106,680		1,280,159	
Total kWh less Opt-Out	6,251,600	5,359,752	6,787,697	7,950,543	7,282,357	6,717,444	6,025,120	6,638,447	7,650,089	8,523,491	9,185,489	8,482,015		86,854,045	
Cust. Chrg. Rev.	\$68,546	\$68,615	\$68,546	\$68,478	\$68,433	\$68,501	\$68,705	\$68,773	\$68,841	\$68,728	\$68,683	\$68,705		\$823,556	
Summer kWh Revenue															
1st 700	\$0	\$15	\$105,199	\$214,467	\$213,047	\$208,980	\$105,059	(\$129)	\$18	\$180	\$0	\$214		\$847,050	
Over 700	\$0	\$0	\$397,394	\$822,846	\$738,070	\$669,421	\$273,211	(\$205)	(\$97)	\$9	\$0	(\$72)		\$2,900,576	
Winter kWh Revenue															
1st 700	\$214,865	\$205,154	\$103,047	\$63	\$0	\$0	\$104,328	\$213,822	\$225,201	\$226,660	\$227,478	\$226,723		\$1,747,340	
Over 700	\$450,898	\$372,381	\$210,521	(\$187)	\$0	\$0	\$229,110	\$489,126	\$577,714	\$660,411	\$723,598	\$656,410		\$4,369,982	
Total Revenue	\$734,309	\$646,165	\$884,708	\$1,105,667	\$1,019,550	\$946,902	\$780,413	\$771,387	\$871,677	\$955,987	\$1,019,759	\$951,980		\$10,688,505	
Pre-MEEIA	\$4,439	\$3,805	\$4,819	\$5,645	\$5,170	\$4,769	\$4,278	\$4,713	\$5,432	\$6,052	\$6,522	\$6,022		\$61,666	
Total Rate Revenue	\$738,748	\$649,970	\$889,527	\$1,111,312	\$1,024,720	\$951,672	\$784,691	\$776,100	\$877,109	\$962,039	\$1,026,280	\$958,002		\$10,750,171	

Update Period	2018		2018		2018		2018		2018		2018		2018		Total
	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul			
Customers	3,016	3,019	3,028	3,031	3,034	3,029	3,027	3,028	3,026	3,032	3,030	3,024		36,324	
Summer kWh															
0 to 700 kWh	1,655,121	1,623,527	816,184	(1,001)	139	1,395	-	1,659	-	115	817,270	1,666,153		6,580,562	
Greater than 700 kWh	5,733,916	5,200,597	2,122,524	(1,595)	(755)	69	-	(559)	-	-	3,087,278	6,392,523		22,533,998	
Winter kWh															
0 to 700 kWh	-	-	104,324	1,661,142	1,749,542	1,760,873	1,767,228	1,761,369	1,669,242	(161)	800,551	488		11,274,598	
Greater than 700 kWh	-	-	229,183	5,086,581	6,007,843	6,867,834	7,524,941	6,826,226	4,689,038	3,872,513	2,189,278	(1,941)		43,291,496	
Total kWh	7,389,037	6,824,124	3,272,215	6,745,127	7,756,769	8,630,171	9,292,169	8,588,695	6,358,280	3,872,467	6,894,377	8,057,223		83,680,654	
Opt-Out kWh	106,680	106,680	106,680	106,680	106,680	106,680	106,680	106,680	106,680	89,412	89,412	89,412		1,211,085	
Total kWh less Opt-Out	7,286,368	6,721,455	12,637,567	34,022	7,654,100	8,527,502	9,189,500	8,486,026	6,268,869	3,783,056	6,804,966	7,967,812		85,361,238	
Cust. Chrg. Rev.	\$68,433	\$68,501	\$68,705	\$68,773	\$68,841	\$68,728	\$68,683	\$68,705	\$68,660	\$68,796	\$68,751	\$68,615		\$824,192	
Summer kWh Revenue															
0 to 700 kWh	\$213,047	\$208,980	\$105,059	(\$129)	\$18	\$180	\$0	\$214	\$0	\$15	\$105,199	\$214,467		\$847,050	
Greater than 700 kWh	\$738,070	\$669,421	\$273,211	(\$205)	(\$97)	\$9	\$0	(\$72)	\$0	\$0	\$397,394	\$822,846		\$2,900,576	
Winter kWh Revenue															
0 to 700 kWh	\$0	\$0	\$314,030	\$4,119	\$225,201	\$226,660	\$227,478	\$226,723	\$214,865	(\$21)	\$103,047	\$63		\$1,542,165	
Greater than 700 kWh	\$0	\$0	\$707,919	\$10,317	\$577,714	\$660,411	\$723,598	\$656,410	\$450,898	\$372,513	\$210,521	(\$187)		\$4,369,982	
Total Revenue	\$1,019,550	\$946,902	\$1,468,925	\$82,875	\$871,677	\$955,987	\$1,019,759	\$951,980	\$734,423	\$441,171	\$884,912	\$1,105,804		\$10,483,965	
Pre-MEEIA	\$5,173	\$4,772	\$8,973	\$24	\$5,434	\$6,055	\$6,525	\$6,025	\$4,451	\$2,686	\$4,832	\$5,657		\$60,606	
Total Rate Revenue	\$1,024,723	\$951,675	\$1,477,898	\$82,899	\$877,112	\$962,041	\$1,026,283	\$958,005	\$738,874	\$443,857	\$889,744	\$1,111,461		\$10,544,571	

Weather Factor	0.979030894	0.935295353	0.894150206	0.969423367	1.059723937	1.02867698	0.97465466	0.99465343	1.02411688	0.99864103	1.01976244	1.00612645	
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Weather & Day Adjustment	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
Customers	3,016	3,019	3,028	3,031	3,034	3,029	3,027	3,028	3,026	3,032	3,030	3,024	36,324
Summer kWh													
1st 700	1,646,406	1,594,377	831,135	(990)	141	1,404	-	1,657	-	(3,330)	822,906	1,669,135	6,562,841
Over 700	5,587,690	4,788,194	1,794,696	(1,536)	(810)	71	-	(555)	-	-	3,160,470	6,438,916	21,767,136
Winter kWh													
1st 700	-	-	106,235	1,643,155	1,776,689	1,772,697	1,756,919	1,759,281	1,680,630	4,662	806,071	489	11,306,827
Over 700	-	-	193,785	4,898,255	6,444,014	7,103,486	7,299,736	6,782,392	4,830,992	3,865,872	2,241,180	(1,955)	43,657,758
Total kWh	7,234,095	6,382,571	2,925,852	6,538,884	8,220,034	8,877,658	9,056,656	8,542,775	6,511,622	3,867,204	7,030,627	8,106,585	83,294,563
Opt-Out kWh	104,443	99,777	95,388	103,418	113,051	109,739	103,976	106,110	91,568	89,290	91,178	89,959	1,197,898
Total kWh less Opt-Out	7,129,653	6,282,794	2,830,464	6,435,466	8,106,983	8,767,919	8,952,680	8,436,665	6,420,054	3,777,914	6,939,448	8,016,626	82,096,666
Cust. Chrg. Rev.	\$68,433	\$68,501	\$68,705	\$68,773	\$68,841	\$68,728	\$68,683	\$68,705	\$68,660	\$68,796	\$68,751	\$68,615	\$824,192
Summer kWh Revenue													
1st 700	\$211,925	\$205,228	\$106,984	(\$127)	\$18	\$181	\$0	\$213	\$0	(\$429)	\$105,924	\$214,851	\$844,769
Over 700	\$719,247	\$616,336	\$231,013	(\$198)	(\$104)	\$9	\$0	(\$71)	\$0	\$0	\$406,816	\$828,817	\$2,801,866
Winter kWh Revenue													
1st 700	\$0	\$0	\$13,675	\$211,507	\$228,695	\$228,182	\$226,151	\$226,455	\$216,331	\$600	\$103,757	\$63	\$1,455,415
Over 700	\$0	\$0	\$18,634	\$471,016	\$619,656	\$683,071	\$701,943	\$652,195	\$464,548	\$371,742	\$215,512	(\$188)	\$4,198,130
Total Revenue	\$999,606	\$890,066	\$439,011	\$750,971	\$917,107	\$980,171	\$996,776	\$947,497	\$749,539	\$440,710	\$900,760	\$1,112,158	\$10,124,371
Pre-MEEIA	\$5,062	\$4,461	\$2,010	\$4,569	\$5,756	\$6,225	\$6,356	\$5,990	\$4,558	\$2,682	\$4,927	\$5,692	\$58,289
Total Rate Revenue	\$1,004,668	\$894,526	\$441,021	\$755,541	\$922,863	\$986,396	\$1,003,132	\$953,487	\$754,097	\$443,392	\$905,687	\$1,117,850	\$10,182,660

(\$359,594)

Usage Adj. for Rate Switchers	2018		2018		2018		2019		2019		2019		Total
	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	
Customers	3,014	3,018	3,028	3,031	3,034	3,030	3,027	3,028	3,026	3,032	3,030	3,024	36,322
Summer kWh													
0 to 700 kWh	1,647,106	1,595,024	831,135	(990)	141	1,404	-	1,657	-	(3,330)	822,906	1,669,135	6,564,188
Greater than 700 kWh	5,587,921	4,788,352	1,794,696	(1,536)	(810)	71	-	(555)	-	-	3,160,470	6,438,916	21,767,525
Winter kWh													
0 to 700 kWh	-	-	106,235	1,643,155	1,776,689	1,772,697	1,756,919	1,759,281	1,680,630	4,662	806,071	489	11,306,827
Greater than 700 kWh	-	-	193,785	4,898,255	6,444,014	7,103,486	7,299,736	6,782,392	4,830,992	3,865,872	2,241,180	(1,955)	43,657,758
Total kWh	7,235,026	6,383,376	2,925,852	6,538,884	8,220,034	8,877,658	9,056,656	8,542,775	6,511,622	3,867,204	7,030,627	8,106,585	83,296,299
Opt-Out kWh	104,443	99,777	95,388	103,418	113,051	109,739	103,976	106,110	91,568	89,290	91,178	89,959	1,197,898
Total kWh less Opt-Out	7,130,584	6,283,599	2,830,464	6,435,466	8,106,983	8,767,919	8,952,680	8,436,665	6,420,054	3,777,914	6,939,448	8,016,626	82,098,402
Cust. Chrg. Rev.	\$68,388	\$68,478	\$68,705	\$68,773	\$68,841	\$68,751	\$68,683	\$68,705	\$68,660	\$68,796	\$68,751	\$68,615	\$824,146
Summer kWh Revenue													
0 to 700 kWh	\$212,015	\$205,311	\$106,984	(\$127)	\$18	\$181	\$0	\$213	\$0	(\$429)	\$105,924	\$214,851	\$844,942
Greater than 700 kWh	\$719,277	\$616,357	\$231,013	(\$198)	(\$104)	\$9	\$0	(\$71)	\$0	\$0	\$406,816	\$828,817	\$2,801,916
Winter kWh Revenue													
0 to 700 kWh	\$0	\$0	\$13,675	\$211,507	\$228,695	\$228,182	\$226,151	\$226,455	\$216,331	\$600	\$103,757	\$63	\$1,455,415
Greater than 700 kWh	\$0	\$0	\$18,634	\$471,016	\$619,656	\$683,071	\$701,943	\$652,195	\$464,548	\$371,742	\$215,512	(\$188)	\$4,198,130
Total Revenue	\$999,680	\$890,147	\$439,011	\$750,971	\$917,107	\$980,193	\$996,776	\$947,497	\$749,539	\$440,710	\$900,760	\$1,112,158	\$10,124,549
Pre-MEEIA	\$5,063	\$4,461	\$2,010	\$4,569	\$5,756	\$6,225	\$6,356	\$5,990	\$4,558	\$2,682	\$4,927	\$5,692	\$58,290
Total Rate Revenue	\$1,004,743	\$894,608	\$441,021	\$755,541	\$922,863	\$986,419	\$1,003,132	\$953,487	\$754,097	\$443,392	\$905,687	\$1,117,850	\$10,182,839

Growth Adjustment

Growth Adjustment	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Total
Customers	3,021	3,021	3,021	3,021	3,021	3,021	3,021	3,021	3,021	3,021	3,021	3,021	36,252
Summer kWh													
1st 700	1,647,106	1,595,024	831,135	(990)	141	1,404	-	1,657	-	(3,330)	822,906	1,669,135	6,564,188
Over 700	5,587,921	4,788,352	1,794,696	(1,536)	(810)	71	-	(555)	-	-	3,160,470	6,438,916	21,767,525
Winter kWh													
1st 700	-	-	106,235	1,643,155	1,776,689	1,772,697	1,767,228	1,761,369	1,669,242	(161)	800,551	488	11,297,492
Over 700	-	-	193,785	4,898,255	6,444,014	7,103,486	7,524,941	6,826,226	4,689,038	3,872,513	2,189,278	(1,941)	43,739,595
Total kWh	7,235,026	6,383,376	2,925,852	6,538,884	8,220,034	8,877,658	9,292,169	8,588,697	6,358,280	3,869,022	6,973,204	8,106,598	83,368,801
Opt -Out kWh	104,443	99,777	95,388	103,418	113,051	109,739	103,976	106,110	91,568	89,290	91,178	89,959	1,197,898
Total kWh less Opt-Out	7,130,584	6,283,599	2,830,464	6,435,466	8,106,983	8,767,919	9,188,193	8,482,587	6,266,712	3,779,732	6,882,026	8,016,639	82,170,903
Cust. Chrg. Rev.	\$68,546	\$68,546	\$68,546	\$68,546	\$68,546	\$68,546	\$68,546	\$68,546	\$68,546	\$68,546	\$68,546	\$68,546	\$822,558
Summer kWh Revenue													
1st 700	\$212,015	\$205,311	\$106,984	(\$127)	\$18	\$181	\$0	\$213	\$0	(\$429)	\$105,924	\$214,851	\$844,942
Over 700	\$719,277	\$616,357	\$231,013	(\$198)	(\$104)	\$9	\$0	(\$71)	\$0	\$0	\$406,816	\$828,817	\$2,801,916
Winter kWh Revenue													
1st 700	\$0	\$0	\$13,675	\$211,507	\$228,695	\$228,182	\$227,478	\$226,723	\$214,865	(\$21)	\$103,047	\$63	\$1,454,213
Over 700	\$0	\$0	\$18,634	\$471,016	\$619,656	\$683,071	\$723,598	\$656,410	\$450,898	\$372,381	\$210,521	(\$187)	\$4,205,999
Total Revenue	\$999,839	\$890,215	\$438,852	\$750,744	\$916,812	\$979,989	\$1,019,622	\$951,822	\$734,309	\$440,478	\$894,854	\$1,112,091	\$10,129,629
Pre-MEEIA	\$5,063	\$4,461	\$2,010	\$4,569	\$5,756	\$6,225	\$6,524	\$6,023	\$4,449	\$2,684	\$4,886	\$5,692	\$58,341
Total Rate Revenue	\$1,004,902	\$894,676	\$440,862	\$755,314	\$922,568	\$986,214	\$1,026,146	\$957,844	\$738,759	\$443,162	\$899,741	\$1,117,783	\$10,187,970

Manually update with numbers from auditing

72,501

\$10,197,811

Final Billing Determinants	Total	Summer	Winter
Customers	36,252	12,084	24,168
First 700 kWh	17,861,680	6,564,188	11,297,492
Over 700 kWh	65,507,120	21,767,525	43,739,595
Total kWh	83,368,801	28,331,714	55,037,087
Total kWh less Opt-Out	82,170,903	28,312,848	53,858,055
Cust Charge Revenue	\$822,558	\$274,186	\$548,372
1st 700 Revenue	\$2,299,156	\$844,942	\$1,454,213
Over 700 Revenue	\$7,007,915	\$2,801,916	\$4,205,999
Total Revenue	\$10,129,629	\$3,921,044	\$6,208,585
Pre-MEEIA	\$ 58,341	\$ 20,102	\$ 38,239
Total Rate Revenue	\$10,187,970	\$4,141,146	\$6,270,869

#REF!

State MO  
Plan SH-Small Heating

test year & update period				Summer	Winter	Total	Allocation	Summer Allocation	Winter Allocation
Revenue Month	Year	Step Description	Year						
4	2018	0 to 700 kWh	-	1,669,242	1,594,759				
5	2018	0 to 700 kWh	115	1,593,804	1,594,010				
6	2018	0 to 700 kWh	817,270	800,551	1,622,277				
7	2018	0 to 700 kWh	1,666,153	488	1,541,264				
8	2018	0 to 700 kWh	1,655,121	-	1,556,070				
9	2018	0 to 700 kWh	1,623,527	-	1,696,574				
10	2018	0 to 700 kWh	816,184	810,500	1,735,754				
11	2018	0 to 700 kWh	(1,001)	1,661,142	1,750,954				
12	2018	0 to 700 kWh	139	1,749,542	1,763,681				
1	2019	0 to 700 kWh	1,395	1,760,873	1,642,218				
2	2019	0 to 700 kWh	-	1,767,228	1,520,263				
3	2019	0 to 700 kWh	1,659	1,761,369	1,534,319				
4	2019	0 to 700 kWh	-	1,767,228	1,625,845				
5	2019	0 to 700 kWh	1,659	1,761,369	1,654,892				
6	2019	0 to 700 kWh	-	1,669,242	1,649,969				
7	2019	0 to 700 kWh	115	(161)	1,667,693				
4	2018	Greater than 700 kWh	-	4,689,038	5,682,855				
5	2018	Greater than 700 kWh	-	3,872,513	5,853,162				
6	2018	Greater than 700 kWh	3,087,278	2,189,278	6,028,661				
7	2018	Greater than 700 kWh	6,392,523	(1,941)	4,320,203				
8	2018	Greater than 700 kWh	5,733,916	-	4,193,008				
9	2018	Greater than 700 kWh	5,200,597	-	6,690,508				
10	2018	Greater than 700 kWh	2,122,524	2,382,592	8,309,424				
11	2018	Greater than 700 kWh	(1,595)	5,086,581	7,818,043				
12	2018	Greater than 700 kWh	(755)	6,007,843	8,554,129				
1	2019	Greater than 700 kWh	69	6,867,834	4,886,610				
2	2019	Greater than 700 kWh	-	7,524,941	3,722,593				
3	2019	Greater than 700 kWh	(559)	6,826,226	4,457,686				
4	2019	Greater than 700 kWh	-	-	5,803,232				
5	2019	Greater than 700 kWh	(559)	(559)	6,422,942				
6	2019	Greater than 700 kWh	-	-	5,569,773				
7	2019	Greater than 700 kWh	-	-	5,698,523				

# Customers	0 to 700 kWh	Greater than 700 Total Kwh	UPC	% Block 1	% Block 2	Total	Normal UPC	% Customers Billed in Block 2	Block 1 Representation	Next Block	Normal Diff	Block Diff	Range between Blocks	Actual % Block 1	Normal Block 1	Normal Block 2			
1	3,029	1,762,268	6,867,903	8,630,171	2,849	20.4%	79.6%	1	2,931	74%	21%	23%	-0.59%	1.755%	-33%	1.30%	20.4%	20.0%	80.02%
2	3,027	1,767,228	7,524,941	9,292,169	3,070	19.0%	81.0%	1	2,992	75%	20%	21%	0.51%	1.629%	31%	1.22%	19.0%	19.4%	80.60%
3	3,028	1,763,028	6,825,667	8,588,695	2,836	20.5%	79.5%	1	2,821	76%	21%	23%	0.11%	1.763%	6%	1.33%	20.5%	20.6%	79.39%
4	3,026	1,669,242	4,689,038	6,358,280	2,101	26.3%	73.7%	1	2,152	66%	29%	31%	-0.67%	2.380%	-28%	1.57%	26.3%	25.8%	74.19%
5	3,032	(46)	3,872,513	3,872,467	1,277	0.0%	100.0%	1	1,275	56%	47%	51%	0.06%	3.915%	2%	2.18%	0.0%	0.0%	99.97%
6	3,030	1,617,821	5,276,556	6,894,377	2,275	23.5%	76.5%	1	2,320	58%	26%	29%	-0.51%	2.197%	-23%	1.27%	23.5%	23.2%	76.83%
7	3,024	1,666,641	6,390,582	8,057,223	2,664	20.7%	79.3%	1	2,681	65%	23%	24%	-0.14%	1.877%	-7%	1.22%	20.7%	20.6%	79.40%
8	3,016	1,655,121	5,733,916	7,389,037	2,450	22.4%	77.6%	1	2,399	68%	24%	27%	0.52%	2.041%	26%	1.40%	22.4%	22.8%	77.24%
9	3,019	1,623,527	5,200,597	6,824,124	2,260	23.8%	76.2%	1	2,114	65%	27%	29%	1.84%	2.212%	83%	1.43%	23.8%	25.0%	75.02%
10	3,028	920,508	2,351,707	3,272,215	1,081	28.1%	71.9%	1	966	59%	56%	60%	6.57%	4.627%	142%	2.75%	28.1%	32.0%	67.96%
11	3,031	1,660,141	5,084,986	6,745,127	2,225	24.6%	75.4%	1	2,157	59%	27%	29%	0.85%	2.247%	38%	1.32%	24.6%	25.1%	74.89%
12	3,034	1,749,681	6,007,088	7,756,769	2,557	22.6%	77.4%	1	2,709	71%	23%	25%	-1.32%	1.956%	-68%	1.39%	22.6%	21.6%	78.38%

