

Exhibit No. 207

**David Murray Schedule DM-R-3 in Response to Commission Order
(Supports Footnotes 10 and 11 in David Murray Rebuttal Testimony)**

Net Proceeds (In. 2 minus In. 3 from Schedule KSH-3)	Payments (Ins. 22-77 from Schedule KSH-3)	Future Value	No. of Periods/Payments	Effective Monthly Interest Rate	All-in Effective Annual Rate	Additional Margin Over Int. Rate
\$200,862,405	(\$1,586,115)	0	156	0.28%	3.36%	0.89%
Present Value of Ongoing Financing Costs		\$3,315,951.51				
Present Value of All Financing Costs		\$6,954,485.40				
Hall's NPV for "Amortization: 13 Years" Column (line 18 of KSH-3)		(\$204,500,939)				
Murray NPV for Securitization		(\$211,455,424)				
Savings/Costs to Ratepayers		\$6,954,485	Positive Number Indicates Higher Costs to Ratepayers			

OPC Witness David Murray's Changes to Karen S. Hall's Schedule KSH-3

Line

	Securitization	Amortization: 13 Years
1		
2 Storm Uri costs (incl. carrying)	\$204,500,939	\$204,500,939
3 Upfront financing costs	\$3,638,534	\$3,067,514
4 Present Value of Ongoing Costs	\$3,315,952	
5 Total	\$211,455,424	\$207,568,453
6		
7 Carrying cost	2.47%	4.75%
8 Term (years)	13	13
9 Monthly payment	(\$1,561,243)	(\$1,785,943)
10		
11 Ongoing costs (monthly)	(\$24,873)	0
12		
13 Monthly revenue requirement	(\$1,586,115)	(\$1,785,943)
14		
15 Nominal Value of Total payments	(\$247,434,015)	(\$278,607,036)
16		
17 Effective Monthly Yield (Internal Rate of Return)	0.28%	0.44%
18 All-In Effective Annual Cost	3.36%	5.39%
19 Additional Margin Over Interest Rate	0.89%	
20 Discounted by 2.47% Debt Rate	2.47%	7.06%
21 NPV payments	(\$211,455,424)	(\$207,568,453)
22 NPV securitization benefit		(\$3,886,971)
23		

Direct Testimony of Karen S. Hall
The Empire District Electric Company
Before the Missouri Public Service Commission
Case. No. ER-2022-0040

Schedule KSH-1

Line No.

1	Storm Uri costs (incl. carrying costs)	\$ 204,500,939
2		
3	<u>Summary of Estimated Upfront Costs for Securitization</u>	
4		
5	Legal fees	\$ 1,900,000
6	Underwriting	\$ 840,000
7	Auditor fee	\$ 200,000
8	Structuring advisor (incl. discount)	\$ 255,000
9	Misc	\$ 50,000
10	Consultant fees	\$ 135,200
11	Commission advisor	Unknown
13	Fixed fees	<u>\$ 3,380,200</u>
14		
15		
16	SEC Filing Fee	0.00927%
17	Bond rating fees (incl. S&P and Moody's @ 0.0575% each)	<u>0.1150%</u>
18	Filing fees total percentage	<u>0.1243%</u>
19	Total rating and filing fees	\$ 258,334
20		
22	Total upfront costs	\$ 3,638,534
23		
24	Estimated bond issuance amount	\$ 208,139,472
25		
26	<u>Summary of Estimated Ongoing Costs per year</u>	
27		
28	Administration	\$ 50,000
29	Trustee fee	\$ 5,000
30	Auditing/accounting fees	\$ 75,000
31	Legal fees	\$ 35,000
32	Rating agency surveillance fees	\$ 40,000
33	Return on Capital Account for Credit enhancement (calculated at proposed WACC from ER-2021-0312)	\$ 73,473
34	Printing fees	\$ 10,000
35	Miscellaneous	\$ 10,000
36	Ongoing Costs Per Year	\$ 298,473
37		
38	Ongoing Costs Per Month	\$ 24,873

**Direct Testimony of Karen S. Hall
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Line No.

1	Storm Uri Costs
2	Carrying costs as of December 31, 2021 @ 6.77% WACC from ER-2019-0374
3	Deferred legal costs as of December 31, 2021
5	Total Storm Recovery costs
6	
7	Upfront Financing Costs
8	Total Cost to be Financed with Securitized Utility Tariff Bonds
9	
10	Interest rate
11	Term (years)
12	Monthly bond payment
13	
14	Ongoing costs (annual)
15	Ongoing costs (monthly)
16	
17	<hr/> <hr/> Monthly Revenue Requirement <hr/> <hr/>

Schedule KSH-2

\$ 193,402,198		0.005641667	\$ 10,911,107.33	
\$ 10,957,635		\$204,594,519.79	\$11,192,321.89	
\$ 141,106				
<u>\$ 204,500,939</u>				\$ 204,359,833
				\$ 1,309,332.88
\$ 3,638,534				
<u>\$ 208,139,472</u>	\$	7,518,685.93		
				8.368868528
2.47%				
13				
\$ 1,561,243				
\$ 298,473				
\$ 24,873				
<u><u>\$ 1,586,115</u></u>	\$	19,033,386		

Allocation and Customer Rates Under Securitization

\$1,586,115 Monthly revenue requirement
 \$19,033,386 Annual revenue requirement

	Residential	Commercial	Small Heating
	RG	CB	SH
Rate design revenue target	\$314,277,199	\$63,270,070	\$14,251,189
Allocation	44.38%	8.93%	2.01%
Bond revenue targets	\$8,446,124	\$1,700,368	\$382,997
Usage	1,672,672,383	314,902,557	79,755,494
SAR	\$0.00505	\$0.00540	\$0.00480

\$5.05

Revenue target and determinants data from Lyons Direct, Schedule TSL-9, ER-2021-0312
https://www.efis.psc.mo.gov/mpsc/commoncomponents/view_itemno_details.asp?caseno:

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General Power	Transmission	Total Electric Building	Feed Mill	Large Power	Misc. Service
GP	TS	TEB	PFM	LP	MS
\$129,577,749	\$7,973,615	\$54,467,748	\$109,226	\$114,776,031	\$22,039
18.30%	1.13%	7.69%	0.02%	16.21%	0.00%
\$3,482,371	\$214,289	\$1,463,808	\$2,935	\$3,084,578	\$592
837,326,668	69,477,754	340,335,347	452,711	874,735,928	136,106
\$0.00416	\$0.00308	\$0.00430	\$0.00648	\$0.00353	\$0.00435

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Schedule KSH-4

Street Lighting	Private Lighting	Special Lighting	
SPL	PL	LS	Total
\$4,417,117	\$4,973,992	\$109,357	\$708,225,332
0.62%	0.70%	0.02%	100.00%
\$118,709	\$133,675	\$2,939	\$19,033,386
17,854,334	12,566,733	405,972	4,220,621,987
\$0.00665	\$0.01064	\$0.00724	

Class	Allocation %	Revenue Target \$	Usage kWh	SAR \$/kWh
Residential	44.38%	\$8,446,124	1,672,672,383	\$0.00505
Commercial	8.93%	\$1,700,368	314,902,557	\$0.00540
Small Heating	2.01%	\$382,997	79,755,494	\$0.00480
General Power	18.30%	\$3,482,371	837,326,668	\$0.00416
Transmission	1.13%	\$214,289	69,477,754	\$0.00308
Total Electric Building	7.69%	\$1,463,808	340,335,347	\$0.00430
Feed Mill	0.02%	\$2,935	452,711	\$0.00648
Large Power	16.21%	\$3,084,578	874,735,928	\$0.00353
Misc. Service	0.00%	\$592	136,106	\$0.00435
Street Lighting	0.62%	\$118,709	17,854,334	\$0.00665
Private Lighting	0.70%	\$133,675	12,566,733	\$0.01064
Special Lighting	0.02%	\$2,939	405,972	\$0.00724
Total/Average	100.00%	\$19,033,386	4,220,621,987	\$0.00451