

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**

In the Matter of the Petition of The Empire)
District Electric Company d/b/a Liberty to)
Obtain a Financing Order that Authorizes) **Case No. EO-2022-0040**
the Issuance of Securitized Utility Tariff)
Bonds for Qualified Extraordinary Costs)

In the Matter of the Petition of The Empire)
District Electric Company d/b/a Liberty to)
Obtain a Financing Order that Authorizes) **Case No. EO-2022-0193**
the Issuance of Securitized Utility Tariff)
Bonds for Energy Transition Costs Related)
to the Asbury Plant)

**MOTION TO CORRECT AND
CORRECTED RESPONSE TO COMMISSION ORDER OF AUGUST 3**

COMES NOW the Staff of the Missouri Public Service Commission (Staff) and hereby files the following motion to correct and corrected response to the Commission’s Order dated August 3, 2022, directing Staff to work with other parties to file scenarios calculating the numbers for the following costs using the following positions:

1. Staff moves to file a correction to its Response to the Commission’s August 3 Order, filed yesterday. Staff’s updated numbers reflect corrected ADIT calculations using a 13-year instead of 15-year timeline.

2. Based on the assumptions reflected in the Commission’s August 3 Order, the total amount to be securitized would be \$289,847,542. This amount reflects \$199,561,572 in Winter Storm Uri qualified extraordinary costs, \$82,385,970 in Asbury energy transition costs, and \$7.9 million in up front financing costs. If updated to reflect decision items affecting depreciation and ADIT for Asbury energy transition costs identified in the Commission’s agenda discussions, the total amount to be securitized would be \$292,210,948.

3. The total amount of Winter Storm Uri qualified extraordinary costs, assuming application of the 5% percent adjustment proposed by Staff, with no other disallowances, and carrying costs to be calculated using a rate of 4.65% would be \$199,561,572. (See, Attachment A page 1 lines 1-3, pages 2-5).

4. The total amount of Asbury energy transition costs, assuming no prudence disallowances and reflecting the other assumptions in paragraph 3 of the Commission's order, would be \$82,385,970. (See Attachment A at page 6 line Total Asbury Costs to Securitize). Staff notes that the initial assumed ADIT value of \$22,306,688, if updated to reflect an assumed amount of \$1,643,357 for Asbury Regulatory Assets, \$2,837,588 for Asset Retirement Obligations due to Asbestos, and \$18,445,096 for Asset Retirement Obligations for Combustion Residuals Impoundment, would result in an ADIT balance of \$21,156,205. (See Attachment A page 13 line 6). Staff additionally notes that the initial assumed depreciation expense of \$24,349,929, if updated to reflect an assumed amount of \$869,640 through May 2022, would result in depreciation expense of \$23,480,289. (See Attachment A at page 7, line 14). If updated to reflect the ADIT and depreciation amounts above, the total amount of Asbury energy transition costs would be \$84,749,376.

5. The Asbury AAO regulatory liability calculated for Issue 3I, would be \$78,691,414, reflecting the assumptions in the Commission's August 3 Order, or \$77,549,553 as updated to reflect the Commission's decisions on items in its Agenda Discussions. (See, Attachment A, page 7 lines 1-21 with depreciation expense and ADIT update reflected at line 14).

6. Calculations of these amounts are reflected in Staff's Attachment A.

WHEREFORE, Staff respectfully requests the Commission to grant the above motion and the corrections to Staff's response and Attachment as a response to the Commission's August 3 Order.

Respectfully submitted,

/s/ Curt Stokes

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**Counsel for Staff of the
Missouri Public Service Commission**

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was served by electronic mail, or First Class United States Postal Mail, postage prepaid, on this 9th day of August, 2022, to all parties and/or counsels of records.

/s/ Curt Stokes

Curt Stokes

**The Empire District Electric Company
Before the Missouri Public Service Commission
Case. No. EO-2022-0040
PER ORDER**

Line No.

1	Storm Uri Costs	\$	183,732,088
2	Carrying costs based on FAC rates through Feb 2022	\$	15,689,363
3	Deferred legal costs as of December 31, 2021	\$	<u>140,121</u>
4	Total Storm Recovery costs	\$	<u>199,561,572</u>

Missouri Fuel Adjustment
Calculation of Interest on Cust
PER ORDER

WACC Annual Rate
WACC Monthly Rate

Note: Interest on Storm Uri deferred costs

Accumulation Period Ending Aug 2021

Year	2021	2021	2021	2021	2022	2022
Month	9	10	11	12	1	2
	Sep 2021	Oct 2021	Nov 2021	Dec 2021	Jan 2022	Feb 2022
Activity (1)	\$ -	-	-	(8,632,928.26)	-	-
Principal Balance	\$ 192,365,016.27	192,365,016.27	192,365,016.27	183,732,088.01	183,732,088.01	183,732,088.01
Interest Rate (2)	0.39%	0.39%	0.39%	0.39%	0.39%	0.39%
Monthly Interest	745,414.44	745,414.44	745,414.44	711,961.84	711,961.84	711,961.84
Cumulative Carrying Costs				7,145,820.94	7,857,782.78	8,569,744.62
Cumulative Securitization Balance				191,018,029.56	191,729,991.40	192,441,953.24

Prepared by: Amanda McMellen

Missouri Fuel Adjustment
 Calculation of Interest on Customers' 95% Share of Storm Uri Deferred Costs
PER ORDER

WACC Annual Rate 4.65%
 WACC Monthly Rate 0.39%

Note: Interest on Storm Uri deferred costs started March 1, 2021.

Accumulation Period Ending Aug 2021

Year	2021	2021	2021	2021	2021	2021
Month	3	4	5	6	7	8
	Mar 2021	Apr 2021	May 2021	Jun 2021	Jul 2021	Aug 2021
Activity (1)	\$ 168,720,211.25	-	-	23,644,805.02	-	-
Principal Balance	\$ 168,720,211.25	168,720,211.25	168,720,211.25	192,365,016.27	192,365,016.27	192,365,016.27
Interest Rate (2)	0.39%	0.39%	0.39%	0.39%	0.39%	0.39%
Monthly Interest	653,790.82	653,790.82	653,790.82	745,414.44	745,414.44	745,414.44

Cumulative Carrying Costs
 Cumulative Securitization Balance

Prepared by: Amanda McMellen

Missouri Fuel Adjustment
Calculation of Interest on Cust
PER ORDER

WACC Annual Rate
WACC Monthly Rate

Note: Interest on Storm Uri deferred costs

Accumulation Period Ending Aug 2021

Year	2022	2022	2022	2022	2022	2022
Month	3	4	5	6	7	8
	Mar 2022	Apr 2022	May 2022	Jun 2022	Jul 2022	Aug 2022
Activity (1)	\$ -	-	-	-	-	-
Principal Balance	\$ 183,732,088.01	183,732,088.01	183,732,088.01	183,732,088.01	183,732,088.01	183,732,088.01
Interest Rate (2)	0.39%	0.39%	0.39%	0.39%	0.39%	0.39%
Monthly Interest	711,961.84	711,961.84	711,961.84	711,961.84	711,961.84	711,961.84
Cumulative Carrying Costs	9,281,706.46	9,993,668.30	10,705,630.14	11,417,591.98	12,129,553.82	12,841,515.66
Cumulative Securitization Balance	193,153,915.08	193,865,876.92	194,577,838.76	195,289,800.60	196,001,762.44	196,713,724.28

Prepared by: Amanda McMellen

Missouri Fuel Adjustment
 Calculation of Interest on Cust
PER ORDER

WACC Annual Rate
 WACC Monthly Rate

Note: Interest on Storm Uri deferred costs

Accumulation Period Ending Aug 2021

Year	2022	2022	2022	2022
Month	9	10	11	12
	Sep 2022	Oct 2022	Nov 2022	Dec 2022
Activity (1)	\$ -	-	-	-
Principal Balance	183,732,088.01	183,732,088.01	183,732,088.01	183,732,088.01
Interest Rate (2)	0.39%	0.39%	0.39%	0.39%
Monthly Interest	711,961.84	711,961.84	711,961.84	711,961.84
Cumulative Carrying Costs	13,553,477.50	14,265,439.34	14,977,401.18	15,689,363.02
Cumulative Securitization Balance	197,425,686.12	198,137,647.96	198,849,609.80	199,561,571.64

Prepared by: Amanda McMellen

The Empire District Electric Company

EO-2022-0193

Missouri Asbury Securitization

Asbury Securitization Costs

Line No.	Description	STAFF PER ORDER		STAFF UPDATED	
		Total Missouri Asbury (Retired Plant) Proposed ER-2022-0193	Total Missouri Asbury (Retired Plant) Proposed ER-2022-0193	Total Missouri Asbury (Retired Plant) Proposed ER-2022-0193	Total Missouri Asbury (Retired Plant) Proposed ER-2022-0193
1	Net Retired Asbury Plant	\$ 159,414,474	\$ 159,414,474		
2	Asbury Environmental Regulatory Assets	1,643,357	1,643,357		
3	Asbury Fuel Inventories	1,532,832	1,532,832		
4	Asbury Excess ADIT	(12,173,189)	(12,173,189)		
5	Asbury AAO Liability	(78,691,414)	(77,549,553)		
6	Asbury ADIT	(22,306,688)	(21,156,205)		
7	Additional Asbury Decommissioning Costs (Phase 2)	3,541,054	3,541,054		
8	Additional Asbury Decommissioning Costs (Phase 3)	5,665,687	5,665,687		
9	Additional Asbury Asset Retirement Obligation Costs - Asbestos	2,837,588	2,837,588		
10	Additional Asbury Asset Retirement Obligation Costs - CCR Impoundment	18,445,096	18,445,096		
11	Total Asbury Costs:	\$ 79,908,798	\$ 82,201,141		
	Carrying charges	2,477,173			
	Total Asbury Costs to Securitize:	\$ 82,385,970	\$ 84,749,376		

Prepared by: Amanda McMellen

The Empire District Electric Company
 EO-2022-0193
 Missouri Asbury Securitization
 Asbury AAO Liability

Line No.	FERC (a)	GL Account (b)	Description (c)	Reference (d)	STAFF PER ORDER (f)	STAFF UPDATED (g)
ASBURY AAO LIABILITY						
1			Plant In Service		\$ (217,663,073)	\$ (217,663,073)
2			Remaining Plant		(1,871,468)	(1,871,468)
3			Accumulated Depreciation		62,618,776	62,618,776
4			Remaining Plant Accumulated Depreciation		(819,703)	(819,703)
5			Fuel Inventories		(2,414,632)	(2,414,632)
6			Cash Working Capital		128,939	128,939
7			ADIT		(3,390,733)	(3,390,733)
8			Excess ADIT		7,311,983	7,311,983
9			Total Net Rate Base		(156,099,911)	(156,099,911)
10			ROR			
11			Return On Asbury		(25,950,393)	(25,950,393)
12			Revenue From Scrap Value or Value of Items Sold		(10,277)	(10,277)
13			Any Fuel or SPP Revenues/Expenses not flowed through FAC			
14			Depreciation Expense		(24,349,929)	(23,480,289)
15			All Non-Fuel/Non-Labor Operating & Maintenance Expenses		(9,056,478)	(9,056,478)
16			Labor Expenses			
17			Property Taxes		(4,523,827)	(4,523,827)
18			Non-Labor Asbury Retirement/Decommissioning Costs		3,959,602	3,959,602
			Return on Coal Inventory			
			Fed/State Income Tax on Asbury and Coal Profit			
			Tax on Abandonment			
19			Asbury AAO Liability Before Gross Up:		(59,931,302)	(59,061,662)
20			Gross Revenue Conversion Factor		1.3130	1.3130
					(18,760,111.77)	(18,487,891)
21	254	254124	Total Asbury AAO Liability:		(78,691,414)	(77,549,553)

Prepared by: Amanda McMellen

The Empire District Electric Company
Before the Missouri Public Service Commission
Case. No. ER-2022-0193
PER ORDER

Line No.		\$	
1	Energy Transition Costs (incl. carrying costs)	\$	82,385,970
	<u>Summary of Estimated Upfront Costs for Securitization</u>		
2	Legal fees	\$	1,900,000
3	Underwriting (estimated at 40 bps)	\$	329,544
4	Auditor fee	\$	200,000
5	Structuring advisor (incl. discount)	\$	255,000
6	Misc	\$	50,000
7	Consultant fees	\$	135,200
8	Commission advisor		Unknown
9	Fixed fees	\$	2,869,744
10	SEC Filing Fee		0.00927%
11	Bond rating fees (incl. S&P and Moody's @ 0.0575% each)		0.1150%
12	Filing fees total percentage		0.1243%
13	Total rating and filing fees	\$	105,947
14	Total upfront costs	\$	2,975,691
15	Estimated bond issuance amount	\$	85,361,662
	<u>Summary of Estimated Ongoing Costs per year</u>		
16	Servicing Fee	\$	42,681
17	Administration	\$	50,000
18	Trustee fee	\$	5,000
19	Auditing/accounting fees	\$	75,000
20	Legal fees	\$	35,000
21	Rating agency surveillance fees	\$	40,000
22	Return on Capital Account for Credit enhancement (calculated at proposed WACC from ER-2019-0374)	\$	28,895
23	Printing fees	\$	10,000
24	Miscellaneous	\$	10,000
25	Ongoing Costs Per Year	\$	296,576
26	Ongoing Costs Per Month	\$	24,715

The Empire District Electric Company
EO-2022-0193

Missouri Asbury Securitization
Asbury (Retired Portion) Revenue Requirement
PER ORDER

Line No.	Description (a)	Total		Missouri Jurisdictional Allocation	Total Missouri	
		Asbury (Retired Plant) Proposed ER-2022-0193			Asbury (Retired Plant) Proposed ER-2022-0193	
1	Net Retired Asbury Plant	\$	159,414,474	100.00%	\$	159,414,474
2	Asbury Environmental Regulatory Assets		1,643,357	100.00%		1,643,357
3	Asbury Fuel Inventories		1,532,832	100.00%		1,532,832
4	Asbury Excess ADIT		(12,173,189)	100.00%		(12,173,189)
5	Asbury AAO Liability		(78,691,414)	100.00%		(78,691,414)
6	Asbury ADIT (NPV Value utilizing 13 Years)		(22,306,688)	100.00%		(22,306,688)
7	Additional Asbury Decommissioning Costs (Phase 2)		4,000,000	88.53%		3,541,054
8	Additional Asbury Decommissioning Costs (Phase 3)		6,400,000	88.53%		5,665,687
9	Additional Asbury Asset Retirement Obligation Costs - Asbestos		3,205,360	88.53%		2,837,588
10	Additional Asbury Asset Retirement Obligation Costs - CCR Impoundment		20,835,712	88.53%		18,445,096
11	Total Asbury Energy Transition Costs to Securitize:	\$	83,860,444		\$	79,908,798
12						
13	Carrying costs from May 2022 Through Bond Issuance Date Estimated to occur December 2022 @ 4.65 Long-Term Debt Rate		2,477,173	100.00%	\$	2,477,173

The Empire District Electric Company
 EO-2022-0193
 Missouri Asbury Securitization
 Asbury Securitization Costs
 PER ORDER

Stub Period 2: May 2022 - December 2022:

Balance to Apply Carrying Charge:	Total		Missouri		Total Missouri	
	Asbury (Retired Plant)	Proposed ER-2022-0193	Jurisdictional	Allocation	Asbury (Retired Plant)	Proposed ER-2022-0193
Net Retired Asbury Plant	\$ 159,414,474		100.00%		\$ 159,414,474	
Asbury Environmental Regulatory Assets	1,643,357		100.00%		1,643,357	
Asbury Fuel Inventories	1,532,832		100.00%		1,532,832	
Asbury Excess ADIT	(12,173,189)		100.00%		(12,173,189)	
Asbury AAO Liability	(78,691,414)		100.00%		(78,691,414)	
Asbury ADIT	(22,306,688)		100.00%		(22,306,688)	
Additional Asbury Decommissioning Costs (Phase 2)	4,000,000		88.53%		3,541,054	
Additional Asbury Decommissioning Costs (Phase 3)	6,400,000		88.53%		5,665,687	
Additional Asbury Asset Retirement Obligation Costs - Asbestos	3,205,360		88.53%		2,837,588	
Additional Asbury Asset Retirement Obligation Costs - CCR Impoundment	20,835,712		88.53%		18,445,097	
Total Asbury Costs to Securitize:	\$ 83,860,444				\$ 79,908,798	

Long Term Debt Rate 4.65%
 Monthly Carrying Charge: 0.39%

Month	Asbury (Retired Plant)	Proposed ER-2022-0193	Total
May-22			\$ 309,647
Jun-22			309,647
Jul-22			309,647
Aug-22			309,647
Sep-22			309,647
Oct-22			309,647
Nov-22			309,647
Dec-22			309,647
Total			\$ 2,477,173

Total Additional Carrying Charge (Stub Period 2):

Additional Stub Period

Month	Asbury (Retired Plant)	Proposed ER-2022-0193	Total	Cumulative Carrying	Cumulative Securitization
Jan-23			309,647	2,786,819	85,576,427
Feb-23			309,647	3,096,466	85,886,073
Mar-23			309,647	3,406,113	86,195,720
Apr-23			309,647	3,715,759	86,505,367
May-23			309,647	4,025,406	86,815,013
Jun-23			309,647	4,335,052	87,124,660
Jul-23			309,647	4,644,699	87,434,306
Aug-23			309,647	4,954,346	87,743,953
Sept-23			309,647	5,263,992	88,053,600
Oct-23			309,647	5,573,639	88,363,246
Nov-23			309,647	5,883,285	88,672,893
Dec-23			309,647	6,192,932	88,982,539
Total			\$ 2,477,173	\$ 2,477,173	\$ 85,266,780

The Empire District Electric Company
Before the Missouri Public Service Commission
Case. No. ER-2022-0193
PER STAFF UPDATE

Line No.			
1	Energy Transition Costs (incl. carrying costs)	\$	84,749,377
	<u>Summary of Estimated Upfront Costs for Securitization</u>		
2	Legal fees	\$	1,900,000
3	Underwriting (estimated at 40 bps)	\$	338,998
4	Auditor fee	\$	200,000
5	Structuring advisor (incl. discount)	\$	255,000
6	Misc	\$	50,000
7	Consultant fees	\$	135,200
8	Commission advisor		Unknown
9	Fixed fees	\$	2,879,198
10	SEC Filing Fee		0.00927%
11	Bond rating fees (incl. S&P and Moody's @ 0.0575% each)		0.1150%
12	Filing fees total percentage		0.1243%
13	Total rating and filing fees	\$	108,896
14	Total upfront costs	\$	2,988,094
15	Estimated bond issuance amount	\$	87,737,471
	<u>Summary of Estimated Ongoing Costs per year</u>		
16	Servicing Fee	\$	43,869
17	Administration	\$	50,000
18	Trustee fee	\$	5,000
19	Auditing/accounting fees	\$	75,000
20	Legal fees	\$	35,000
21	Rating agency surveillance fees	\$	40,000
22	Return on Capital Account for Credit enhancement (calculated at proposed WACC from ER-2019-0374)	\$	29,699
23	Printing fees	\$	10,000
24	Miscellaneous	\$	10,000
25	Ongoing Costs Per Year	\$	298,568
26	Ongoing Costs Per Month	\$	24,881

The Empire District Electric Company
EO-2022-0193
Missouri Asbury Securitization
Asbury (Retired Portion) Revenue Requirement
PER STAFF UPDATE

Line No.	Description (a)	Total		Missouri Jurisdictional Allocation	Total Missouri	
		Asbury (Retired Plant) Proposed ER-2022-0193			Asbury (Retired Plant) Proposed ER-2022-0193	
1	Net Retired Asbury Plant	\$	159,414,474	100.00%	\$	159,414,474
2	Asbury Environmental Regulatory Assets		1,643,357	100.00%		1,643,357
3	Asbury Fuel Inventories		1,532,832	100.00%		1,532,832
4	Asbury Excess ADIT		(12,173,189)	100.00%		(12,173,189)
5	Asbury AAO Liability		(77,549,553)	100.00%		(77,549,553)
6	Asbury ADIT (NPV Value utilizing 13 Years)		(21,156,205)	100.00%		(21,156,205)
7	Additional Asbury Decommissioning Costs (Phase 2)		4,000,000	88.53%		3,541,054
8	Additional Asbury Decommissioning Costs (Phase 3)		6,400,000	88.53%		5,665,687
9	Additional Asbury Asset Retirement Obligation Costs - Asbestos		3,205,360	88.53%		2,837,588
10	Additional Asbury Asset Retirement Obligation Costs - CCR Impoundment		20,835,712	88.53%		18,445,096
11	<u>Total Asbury Energy Transition Costs to Securitize:</u>	\$	86,152,788		\$	82,201,142
12						
13	Carrying costs from May 2022 Through Bond Issuance Date Estimated to occur December 2022 @ 4.65 Long-Term Debt Rate		2,548,235	100.00%	\$	2,548,235

The Empire District Electric Company
 EO-2022-0193
 Missouri Asbury Securitization
 Asbury Securitization Costs
 PER STAFF UPDATE

Stub Period 2: May 2022 - December 2022:

Balance to Apply Carrying Charge:	Total		Missouri	Total Missouri	
	Asbury (Retired Plant) Proposed ER-2022-0193	Asbury (Retired Plant) Proposed ER-2022-0193	Jurisdictional Allocation	Asbury (Retired Plant) Proposed ER-2022-0193	Asbury (Retired Plant) Proposed ER-2022-0193
Net Retired Asbury Plant	\$ 159,414,474		100.00%	\$ 159,414,474	
Asbury Environmental Regulatory Assets	1,643,357		100.00%	1,643,357	
Asbury Fuel Inventories	1,532,832		100.00%	1,532,832	
Asbury Excess ADIT	(12,173,189)		100.00%	(12,173,189)	
Asbury AAO Liability	(77,549,553)		100.00%	(77,549,553)	
Asbury ADIT	(21,156,205)		100.00%	(21,156,205)	
Additional Asbury Decommissioning Costs (Phase 2)	4,000,000		88.53%	3,541,054	
Additional Asbury Decommissioning Costs (Phase 3)	6,400,000		88.53%	5,665,687	
Additional Asbury Asset Retirement Obligation Costs - Asbestos	3,205,360		88.53%	2,837,588	
Additional Asbury Asset Retirement Obligation Costs - CCR Impoundment	20,835,712		88.53%	18,445,097	
Total Asbury Costs to Securitize:	\$ 86,152,788	\$ 82,201,142			
Long Term Debt Rate	4.65%				
Monthly Carrying Charge:	0.39%				
	May-22	318,529			
	Jun-22	318,529			
	Jul-22	318,529			
	Aug-22	318,529			
	Sep-22	318,529			
	Oct-22	318,529			
	Nov-22	318,529			
	Dec-22	318,529			
Total Additional Carrying Charge (Stub Period 2):		\$ 2,548,235		\$ 2,548,235	\$ 87,630,187
Additional Stub Period	Jan-23		Cumulative Carrying		Cumulative Securitization
	Feb-23		2,866,765	318,529	87,948,716
	Mar-23		3,185,294	318,529	88,267,246
	Apr-23		3,503,824	318,529	88,585,775
	May-23		3,822,353	318,529	88,904,304
	Jun-23		4,140,883	318,529	89,222,834
	Jul-23		4,459,412	318,529	89,541,363
	Aug-23		4,777,941	318,529	89,859,893
	Sep-23		5,096,471	318,529	90,178,422
	Oct-23		5,415,000	318,529	90,496,952
	Nov-23		5,733,530	318,529	90,815,481
	Dec-23		6,052,059	318,529	91,134,010
			6,370,589	318,529	91,452,540
			6,689,118	318,529	91,771,069

The Empire District Electric Company
 EO-2022-0193
 Missouri Asbury Securitization
 Asbury (Retired Portion) ADIT

Line No.	Description (a)	Total	Missouri Jurisdictional Allocation	Total Missouri	Tax Rate	ADIT
		Asbury (Retired Plant) Proposed ER-2022-0193		Asbury (Retired Plant) Proposed ER-2022-0193		
1	Net Retired Asbury Plant	\$ 159,414,474	100.00%	\$ 159,414,474	23.8401%	\$ (38,004,570)
2	Asbury Environmental Regulatory Assets	1,643,357	100.00%	1,643,357	23.8401%	(391,778)
3	Asbury Fuel Inventories	1,532,832	100.00%	1,532,832	23.8401%	(365,429)
4	Asbury ADIT	-	100.00%	-		-
5	Additional Asbury Decommissioning Costs (Phase 2)	4,000,000	88.53%	3,541,054	23.8401%	(844,191)
6	Additional Asbury Decommissioning Costs (Phase 3)	6,400,000	88.53%	5,665,687	23.8401%	(1,350,705)
7	Additional Asbury Asset Retirement Obligation Costs - Asbestos	3,205,360	88.53%	2,837,588	23.8401%	(676,484)
8	Additional Asbury Asset Retirement Obligation Costs - CCR Impoundment	20,835,712	88.53%	18,445,097	23.8401%	(4,397,329)
9	Asbury AAO Liability	(77,549,553)	100.00%	(77,549,553)	23.8401%	18,487,891
10	Total Asbury Costs to Securitiz:	<u>\$ 119,482,182</u>		<u>\$ 115,530,536</u>		<u>\$ (27,542,595)</u>

The Empire District Electric Company
EO-2022-0193
Missouri Asbury Securitization
Asbury (Retired Portion) ADIT NPV

13 year

Projected 4/30/2022
Asbury ADIT (27,542,595)

Year	Estimated Total Deferred Taxes	Balance ADIT	Plant Retirement Customer Net Tax Benefit
	(27,542,595)	(27,542,595)	
1	(2,118,661)	(25,423,934)	(2,118,661)
2	(2,118,661)	(23,305,273)	(2,118,661)
3	(2,118,661)	(21,186,612)	(2,118,661)
4	(2,118,661)	(19,067,951)	(2,118,661)
5	(2,118,661)	(16,949,289)	(2,118,661)
6	(2,118,661)	(14,830,628)	(2,118,661)
7	(2,118,661)	(12,711,967)	(2,118,661)
8	(2,118,661)	(10,593,306)	(2,118,661)
9	(2,118,661)	(8,474,645)	(2,118,661)
10	(2,118,661)	(6,355,984)	(2,118,661)
11	(2,118,661)	(4,237,322)	(2,118,661)
12	(2,118,661)	(2,118,661)	(2,118,661)
13	(2,118,661)	0	(2,118,661)
	(27,542,595)		
		Total NPV ADIT	(21,156,205)
		13 year	

Prepared by; Kim Bolin