

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

Line No.

1 **Energy Transition Costs (incl. carrying costs)** \$ **66,107,823**

Summary of Estimated Upfront Costs for Securitization

2 Legal fees \$ 1,900,000

3 Underwriting (estimated at 40 bps) \$ 264,431

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 \$ 2,804,631

Staff Consultant not to Exceed 2,310,484 plus out-of-pocket expenses (\$750,000 Bond Counsel; \$1,560,484 Consulting and Testifying Expert witness services)

Sum Lines 2 - 8

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 \$ 85,638

Ducera Workpapers Davis Testimony at MD-3, line 14

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Line + Line 10

(Line 1 + Line 8) * Line 11

14 **Total upfront costs** \$ **2,890,269**

Line 8 + Line 12

15 **Estimated bond issuance amount** \$ **68,998,092**

Prepared by: Amanda McMellen

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

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	1,494,657	100.00%	1,494,657
3	Asbury Fuel Inventories	1,532,832	100.00%	1,532,832
4	Asbury Excess ADIT	(12,313,459)	100.00%	(12,313,459)
5	Asbury AAO Liability	(75,779,097)	100.00%	(75,779,097)
6	Asbury ADIT (NPV Value utilizing 13 Years)	(17,134,363)	100.00%	(17,134,363)
7	Additional Asbury Decommissioning Costs (Phase 2) (1)	4,000,000	88.53%	3,541,054
8	Additional Asbury Decommissioning Costs (Phase 3) (1)	3,800,000	88.53%	3,364,002
9	Additional Asbury Asset Retirement Obligation Costs - Asbestos	-	88.53%	-
10	Additional Asbury Asset Retirement Obligation Costs - CCR Impoundment	-	88.53%	-
11	Total Asbury Energy Transition Costs to Securitize: (2)	\$ 65,015,044		\$ 64,120,100
12				
13	Carrying costs from May 2022 Through Bond Issuance Date Estimated to occur December 2022 @ 3.58% Short Term Debt Rate as of Feb 2022	1,987,723	100.00%	\$ 1,987,723
14				
15	Upfront Financing Costs	\$ 2,890,269		
16	Total Cost to be Financed with Securitized Utility Tariff Bonds	\$ 68,998,092		

Footnote:

(1) - From Black and Veatch Demo Cost Estimate - November 2021 Memo.

(2) - All costs represent the Missouri jurisdictional actuals as of 1/31/2022 and projections through April 2022 except for the additional projected decommissioning & ARO costs which represent the total projections of the respective items.

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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)	Total Missouri	Total Missouri
					Test Year	AAO Compliance
					Ending Balance (1)	Jan 2020 - Apr 2022 (2)
					(e)	(f)
ASBURY AAO LIABILITY						
1			Plant In Service		\$ (163,247,305)	\$ (217,663,073)
2			Remaining Plant		-	(2,153,637)
3			Accumulated Depreciation		46,964,082	62,618,776
4			Remaining Plant Accumulated Depreciation		-	(227,285)
5			Fuel Inventories		(2,960,598)	(2,414,632)
6			Cash Working Capital		-	128,938
7			ADIT		24,206,275	(63,372)
8			Excess ADIT		12,700,795	1,135,377
9			Total Net Rate Base		(82,336,751)	(158,638,908)
10			ROR		6.77%	
11			Return On Asbury		(5,574,195)	(23,276,429)
12			Revenue From Scrap Value or Value of Items Sold		-	(10,277)
13			Any Fuel or SPP Revenues/Expenses not flowed through FAC		-	-
14			Depreciation Expense		(5,217,840)	(24,349,929)
15			All Non-Fuel/Non-Labor Operating & Maintenance Expenses		(3,098,844)	(9,369,524)
16			Labor Expenses		-	-
17			Property Taxes		-	(4,643,628)
18			Non-Labor Asbury Retirement/Decommissioning Costs		-	3,936,502
19			Asbury AAO Liability Before Gross Up:		(13,890,879)	(57,713,284)
20			Gross Revenue Conversion Factor		-	1.3130 (18,065,812)
21	254	254124	Total Asbury AAO Liability:		\$ (13,890,879)	\$ (75,779,097)

Footnote:

(1) - The test year data was obtained from the general ledger support.

(2) - This is the amount that needs to be included in the AAO liability at the end of April 2022 to comply with the ER-2019-0374 Order.

Source: The compliance amount was obtained from the AAO compliance tab of this workbook to show the balance of the AAO expected to be incurred by the end of April 2022.

Purpose: The Company believes it should still receive recovery of its Asbury rate base items; therefore, only the income statement items through April 2022 are being included in the Asbury AAO.

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