

The Empire District Electric Company
Test Year Ending September 30, 2023
ER-2024-0261
Schedule 9 - Weighted Average Cost of Debt

Line No.	FERC (a)	GL Account (b)	Description (c)	Reference (d)	Amount Per Books (e)	Pro Forma Adjustments (e)	Interest Rate (f)	Annual Costs (g)
WEIGHTED AVERAGE COST OF DEBT								
1	224	224102	6.70% Sr. Notes, Series due 2033	TB 09-2023	62,000,000	-	6.70%	4,154,000
2	224	224103	5.80% Sr. Notes, Series due 7-1-2035		40,000,000	-	5.80%	2,320,000
3	221	221801	5.875% Series, due 2037		80,000,000	-	5.88%	4,700,000
4	221	221803	5.20% Series, due 9-1-2040		50,000,000	-	5.20%	2,600,000
5	221	221804	3.58% Series, due 4-2-2027		88,000,000	-	3.58%	3,150,400
6	221	221805	3.73% Series, due 5-30-33		30,000,000	-	3.73%	1,119,000
7	221	221806	4.32% Series, due 5-30-43		120,000,000	-	4.32%	5,184,000
8	221	221807	4.27%, Series, due 12-1-2044		60,000,000	-	4.27%	2,562,000
9	221	221808	3.59% FMB Series due 8-20-2030		60,000,000	-	3.59%	2,154,000
10	223	223120	2.08% Note Payable to LUC, due 6-1-2033		90,000,000	-	2.08%	1,871,100
11	223	223121	2.079% Note Payable to LUC, due 6-15-2031		425,000,000	-	2.08%	8,835,750
12	221	221800	6.82% FMB Series due 6-1-2036 -EDG		55,000,000	-	6.82%	3,751,000
13	221	221XXX	5.931% Note Payable to LUCo, due 6-12-2034			300,000,000	5.93%	17,793,000
14			Premium, Discounts and Expense					1,215,684
15			Annual Amort Defer Fin Costs					263,550
16			Total Long Term Debt		<u>\$ 1,160,000,000</u>	<u>\$ 300,000,000</u>		<u>\$ 61,673,484</u>
17			Annual Cost Rate:	Schedule 8				<u>4.22%</u>

Source: The outstanding debt, interest balances, and premium, discounts and expenses for debt balances were obtained from Financial Reporting. See WP- Long term debt summary @ 9-30-23. The premium, discounts and expenses for the interest are the sum of the 428 accounts for the test year.

Purpose: This workpaper represents all outstanding debts of the company and yearly interest expense to calculate the annual cost rate for the weighted average cost of capital.