

The Empire District Electric Company  
 Test Year Ending September 30, 2020  
 ER-2021-0312  
 Schedule 9 - Weighted Average Cost of Debt - Update

Line No.	FERC (a)	GL Account (b)	Description (c)	Reference (d)	Amount Per Books (e)	Pro Forma Adjustments (f)	Interest Rate (g)	Annual Costs (h)
<b>WEIGHTED AVERAGE COST OF DEBT</b>								
1	224	224102	6.70% Sr. Notes, Series due 2033	Long-Term Debt Summary ↓	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	2.079% Note Payable to LUC, due 6-1-2033		90,000,000	-	2.08%	1,871,100
11	221	221800	6.82% FMB Series due 6-1-2036 -EDG		55,000,000	-	6.82%	3,751,000
12	223	223121	2.079% Note Payable to LUC, due 6-15-2031		425,000,000	-	2.08%	8,835,750
13			Annual amortization of defered financing costs, premiums and discounts	Long-Term Debt Summary				1,261,853
14			Total Long Term Debt		\$ 1,160,000,000	\$ -		\$ 43,663,103
15			Annual Cost Rate:	Schedule 8				3.76%

**Source:** Long term debt summary @ 6-30-21 was obtained from Financial Accounting. The annual amortization was obtained from Treasury.

**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.