

The Empire District Electric Company
Test Year Ending September 30, 2023
ER-2024-0261
Schedule 12 - Interest Synchronization

| Line No. | Description | Source | Amount |
|----------|--------------------------------------|---|------------------|
| | (a) | (b) | (c) |
| 1 | Rate Base | Schedule 2 | \$ 2,563,858,141 |
| 2 | Weighted Cost of Debt | Schedule 8 | <u>1.9811%</u> |
| 3 | Synchronized Interest Expense | Line 1 x Line 2 | 50,791,391 |
| 4 | Change in State Income Tax Expense | Line 3 x Schedule 13 Column (c), Line 1 | (1,826,001) |
| 5 | Change in Federal Income Tax Expense | Line 3 x Schedule 13 Column (c), Line 3 | \$ (10,282,732) |