

THE EMPIRE DISTRICT ELECTRIC COMPANY

P.S.C. Mo. No. 5 Sec. 4 4th Revised Sheet No. 17ac

Canceling P.S.C. Mo. No. 5 Sec. 4 3rd Revised Sheet No. 17ac

For ALL TERRITORY

FUEL & PURCHASE POWER ADJUSTMENT CLAUSE  
RIDER FAC  
For service on and after June 1, 2018

|    | Accumulation Period Ending                                     |   | February 28, 2018            |
|----|--|---|------------------------------|
| 1  | Total Energy Cost (TEC) = (FC + PP + E – OSSR - REC)           |   | 84,144,071                   |
| 2  | Net Base Energy Cost (B)                                       | - | 65,471,519                   |
|    | 2.1 Base Factor (BF)   |   | 0.02415                      |
|    | 2.2 Accumulation Period NSI (S <sub>AP</sub> )                 |   | 2,711,036,000                |
| 3  | (TEC-B)  |   | 18,672,551                   |
| 4  | Missouri Energy Ratio (J)                                      | * | 81.83%                       |
| 5  | (TEC - B) * J  |   | 15,532,199                   |
| 6  | Fuel Cost Recovery   | * | 95.00%                       |
| 7  | (TEC - B) * J * 0.95   |   | 14,755,589                   |
| 8  | True-Up Amount (T)   | + | 1,076,500                    |
| 9  | Prudence Adjustment Amount (P)                                 | + |                              |
| 10 | Interest (I)   | + | (86,537)                     |
| 11 | Fuel and Purchased Power Adjustment (FPA)                      | = | 15,745,552                   |
| 12 | Forecasted Missouri NSI (S <sub>RP</sub> )                     | ÷ | 2,071,623,000<br>213,798,613 |
| 13 | Current Period Fuel Adjustment Rate (FAR)                      | = | 0.00711                      |
| 14 | Current Period FAR <sub>PRIM</sub> = FAR x VAF <sub>PRIM</sub> |   | 0.00744                      |
| 15 | Current Period FAR <sub>SEC</sub> = FAR x VAF <sub>SEC</sub>   |   | 0.00758                      |
| 16 | VAF <sub>PRIM</sub> = 1.0464                                   |   | 1.0464                       |
| 17 | VAF <sub>SEC</sub> = 1.0657                                    |   | 1.06621,0657                 |
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