

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC UTILITY - SOUTH DAKOTA
CALCULATION OF METERING CHARGES
RATE 95
JUNE 2007**

Metering Charge for Single Phase Service

Estimated Cost of a Single Phase Meter Including Installation and Testing	\$106.00
Annual Carrying Cost Rate for Capital	<u>12.106%</u>
Annual Carrying Cost Per Meter	\$12.83
Annual O&M Expense Per Single Phase Meter (\$0.64*12)	<u>7.68</u>
Total Annual Cost of Meter	<u>\$20.51</u>
Monthly Customer Charge	<u>\$1.71</u>

Metering Charge for Three Phase Service

Estimated Cost of a Three Phase Meter Including Installation and Testing	\$417.00
Annual Carrying Cost Rate for Capital	<u>12.106%</u>
Annual Carrying Cost Per Meter	\$50.48
Annual O&M Expense Per Three Phase Meter (\$1.46*12)	<u>17.52</u>
Total Annual Cost of Meter	<u>\$68.00</u>
Monthly Customer Charge	<u>\$5.67</u>

**MONTANA-DAKOTA UTILITIES CO.
ELECTRIC UTILITY - SOUTH DAKOTA
CALCULATION OF METERING CHARGES
RATE 96
JUNE 2007**

Metering Charge for Single Phase Service

Estimated Cost of a Single Phase TOD Demand Meter Including Installation and Testing	\$323.00
Annual Carrying Cost Rate for Capital 1/	<u>14.106%</u>
Annual Carrying Cost Per Meter	\$45.56
Annual O&M Expense Per Single Phase TOD Meter (\$0.64*12*3) 2/	<u>23.04</u>
Total Annual Cost of Meter	<u>\$68.60</u>
Monthly Customer Charge	<u><u>\$5.72</u></u>

Metering Charge for Three Phase Service

Estimated Cost of a Three Phase TOD Demand Meter Including Installation and Testing	\$450.00
Annual Carrying Cost Rate for Capital 1/	<u>14.106%</u>
Annual Carrying Cost Per Meter	\$63.48
Annual O&M Expense Per Three Phase TOD Meter (\$1.46*12*3) 2/	<u>52.56</u>
Total Annual Cost of Meter	<u>\$116.04</u>
Monthly Customer Charge	<u><u>\$9.67</u></u>

1/ Per Malcolm R. Ketchum's testimony (Appendices C and D), for an EPRI rate design study, topic 5, task force 5, it was indicated that the annual carrying cost for an electric TOD meter is 3% higher than a conventional meter. Montana-Dakota used 2%.

2/ Per Malcolm R. Ketchum's testimony (Appendices C and D), for an EPRI rate design study, topic 5, task force 5, it was indicated that the O&M for an electric TOD meter will be three times greater than a conventional meter.