

COGENERATION AND SMALL POWER PRODUCTION  
MPUC SCHEDULE C  
CALCULATION OF THE AVERAGE COOPERATIVE ENERGY RATES

Definition: "Average Retail Cooperative Energy Rate" means for any rate class of cooperative member, the quotient of the total annual class revenue from sales of electricity minus the annual revenue resulting from fixed charges, divided by the annual class kilowatt-hour sales. Data from the most recent 12-month period available shall be used in the computation.

**1. Residential Class (Rate Schedules 31, 32, 53, and 56)**

$$\frac{(\text{Total 12-month class revenue}) - (\text{12-month class fixed \& demand charges})}{\text{Total 12-month class kWh sales}} = \$/\text{kWh}$$

$$\frac{(\$129,328,981) - (\$12,336,344) - (\$13,035)}{899,057,324 \text{ kWh}} = \$0.1301 \text{ per kWh}$$

\$0.1301 per kWh is the Residential "Average Retail Cooperative Energy Rate"  
**13.01¢/kWh**

**2. Small General Service Class (Rate Schedule 41)**

$$\frac{(\text{Total 12-month class revenue}) - (\text{12-month class fixed charges})}{\text{Total 12-month class kWh sales}} = \$/\text{kWh}$$

$$\frac{(\$5,966,292) - (\$826,927)}{40,083,947 \text{ kWh}} = \$0.1282 \text{ per kWh}$$

\$0.1282 per kWh is the Small General Service "Average Retail Cooperative Energy Rate"  
**12.82¢/kWh**

**3. General Service Class (Rate Schedules 46 and 54)**

$$\frac{(\text{Total 12-month class revenue}) - (\text{12-month class fixed \& demand charges})}{\text{Total 12-month class kWh sales}} = \$/\text{kWh}$$

$$\frac{(\$50,977,530) - (\$1,233,018) - (\$16,150,231)}{460,138,862 \text{ kWh}} = \$0.0730 \text{ per kWh}$$

\$0.0730 per kWh is the General Service "Average Retail Cooperative Energy Rate"  
**7.30¢/kWh**

**4. C&I Interruptible Class (Rate Schedules 36, 70, and 71)**

$$\frac{(\text{Total 12-month class revenue}) - (\text{12-month class fixed \& demand charges})}{\text{Total 12-month class kWh sales}} = \$/\text{kWh}$$

$$\frac{(\$24,811,797) - (\$562,543) - (\$5,011,573)}{373,851,389 \text{ kWh}} = \$0.0515 \text{ per kWh}$$

\$0.0515 per kWh is the C&I Interruptible "Average Retail Cooperative Energy Rate"  
**5.15¢/kWh**