

Appendix B**Residential electric cost comparisons***Compiled by Sonja Nowakowski, ETIC staff and Montana Electric Cooperatives' Association***Table 1: Billing based on bundled supply and delivery costs**

| Average residential electric bill for customer who uses 750 kWh per month Includes the bundled supply and delivery cost | | | | |
|--|-------------------------|-------------------------|----------------------|----------------------|
| Provider | January 2006 | January 2011 | July 2006 | July 2011 |
| NorthWestern Energy | \$70.98 | \$64.86 | \$80.19 | \$80.33 |
| Montana-Dakota Utilities | \$56.44 | \$57.47 | \$56.44 | \$73.70 |
| Beartooth Electric Cooperative | \$69.63 | \$117.50 | \$78.33 | \$120.88 |
| Big Flat Electric Cooperative | \$81.25 | \$99.00 | \$81.25 | \$99.00 |
| Fall River REC | \$78.86 | \$87.55 | \$78.86 | \$87.55 |
| Fergus Electric Cooperative | \$88.18 | \$118.50 | \$90.47 | \$125.73 |
| Flathead Electric Cooperative -- NW Region | \$60.75 | \$58.16 | \$60.75 | \$60.99 |
| Flathead Electric Cooperative -- Cooke City | \$68.25 | \$84.02 | \$68.25 | \$92.50 |
| Glacier Electric Cooperative | \$69.50 | \$74.38 | \$69.50 | \$74.38 |
| Goldenwest Electric Cooperative | \$75.00 | \$94.25 | \$75.00 | \$94.25 |
| Hill County Electric Cooperative | \$75.63 | \$91.88 | \$75.63 | \$97.50 |
| Lincoln Electric Cooperative | \$45.50 | \$75.30 | \$45.50 | \$75.30 |
| Lower Yellowstone REA | \$63.25 | \$63.25 | \$63.25 | \$63.25 |
| Marias River Electric Cooperative | \$38.25 | \$58.09 | \$38.25 | \$58.09 |
| McCone Electric Cooperative | \$79.62 | \$103.23 | \$79.62 | \$103.23 |
| Mid-Yellowstone Electric Cooperative | \$80.63 | \$124.00 | \$87.25 | \$128.00 |
| Missoula Electric Cooperative | \$65.91 | \$75.50 | \$75.70 | \$75.70 |
| Nor-Val Electric Cooperative | \$74.00 | \$102.00 | \$77.75 | \$102.00 |
| Northern Lights Inc. | \$67.98 | \$72.70 | \$67.98 | \$72.70 |
| Park Electric Cooperative | \$71.25 | \$82.50 | \$71.25 | \$82.50 |
| Ravalli County Electric Cooperative | \$63.13 | \$66.90 | \$63.13 | \$79.70 |

| | | | | |
|---|---------|----------|---------|----------|
| Sheridan Electric Cooperative | \$52.50 | \$61.88 | \$52.50 | \$61.88 |
| Southeast Electric Cooperative | \$79.25 | \$100.50 | \$79.25 | \$100.50 |
| Sun River Electric Cooperative | \$68.85 | \$91.23 | \$68.85 | \$91.23 |
| Tongue River Electric Cooperative | \$63.95 | \$104.73 | \$67.40 | \$114.63 |
| Vigilante Electric Cooperative | \$53.75 | \$57.25 | \$53.75 | \$57.25 |
| Yellowstone Valley Electric Cooperative | \$71.13 | \$97.60 | \$71.13 | \$103.23 |

1. Best estimates only for cooperatives. Cooperatives receive electricity costs in bundled bills.

2. Some cooperatives reported annual averages, in which case January and July costs are the same. Others reported actual costs for specific months only.

3. Variations in cooperative's load factors (the ration of average demand/load to peak demand/load) can result in different costs, even for cooperatives with similar power supply contracts.

Table 2: Unbundled costs, or simply the cost of electricity

| Average residential electric bill for customer who uses 750 kWh per month Unbundled, cost of electricity, not including fixed charges | | | | |
|--|-----------------|-----------------|-----------|-----------|
| Provider | January 2006 | January 2011 | July 2006 | July 2011 |
| NorthWestern Energy | \$37.89 | \$46.70 | \$31.97 | \$45.29 |
| Montana-Dakota Utilities | \$ | \$ | \$ | \$ |
| Beartooth Electric Cooperative | \$23.82 | \$42.89 | \$24.06 | \$46.35 |
| Big Flat Electric Cooperative | \$19.13 | \$23.45 | \$19.13 | \$23.45 |
| Fall River REC | \$17.02 | \$20.30 | \$15.23 | \$14.87 |
| Fergus Electric Cooperative | \$19.58 | \$45.31 | \$20.86 | \$49.51 |
| Flathead Electric Cooperative -- NW Region | \$25.41 | \$21.60 | \$27.73 | \$18.11 |
| Flathead Electric Cooperative -- Cooke City | \$41.25 | \$44.72 | \$41.25 | \$62.42 |
| Glacier Electric Cooperative | \$15.62 | \$16.02 | \$15.62 | \$16.02 |
| Goldenwest Electric Cooperative | \$12.73 | \$24.81 | \$12.73 | \$25.14 |

| | | | | |
|---|---------|---------|---------|---------|
| Hill County Electric Cooperative | \$14.31 | \$25.56 | \$14.31 | \$25.56 |
| Lincoln Electric Cooperative | \$16.88 | \$19.12 | \$10.07 | \$10.22 |
| Lower Yellowstone REA | \$16.64 | \$26.10 | \$16.64 | \$26.10 |
| Marias River Electric Cooperative | \$14.23 | \$25.42 | \$14.23 | \$25.42 |
| McCone Electric Cooperative | \$17.72 | \$32.33 | \$17.72 | \$32.33 |
| Mid-Yellowstone Electric Cooperative | \$20.34 | \$42.02 | \$19.36 | \$47.48 |
| Missoula Electric Cooperative | \$14.94 | \$15.47 | \$14.94 | \$15.47 |
| Nor-Val Electric Cooperative | \$13.00 | \$24.92 | \$13.00 | \$24.92 |
| Northern Lights Inc. | \$21.59 | \$23.17 | \$15.30 | \$14.73 |
| Park Electric Cooperative | \$14.99 | \$25.38 | \$14.99 | \$25.38 |
| Ravalli County Electric Cooperative | \$22.03 | \$22.03 | \$22.03 | \$30.02 |
| Sheridan Electric Cooperative | \$33.36 | \$35.44 | \$33.34 | \$30.98 |
| Southeast Electric Cooperative | \$11.92 | \$19.55 | \$11.92 | \$19.55 |
| Sun River Electric Cooperative | \$14.44 | \$25.79 | \$14.44 | \$25.79 |
| Tongue River Electric Cooperative | \$22.41 | \$46.50 | \$22.43 | \$47.70 |
| Vigilante Electric Cooperative | \$16.80 | \$16.76 | \$10.34 | \$10.19 |
| Yellowstone Valley Electric Cooperative | \$21.93 | \$56.12 | \$20.63 | \$63.92 |

1. Best estimates only for cooperatives. Cooperatives receive electricity costs in bundled bills.

2. Some cooperatives reported annual averages, in which case January and July costs are the same. Others reported actual costs for specific months only.

3. Variations in cooperative's load factors (the ration of average demand/load to peak demand/load) can result in different costs, even for cooperatives with similar power supply contracts.

4. Line loss costs are generally added into unbundled electricity costs shown by cooperatives.

January 12, 2012

Southern Montana's Monthly Power Supply Report

Power Suppliers

| (kWh) | January | February | March | April | May | June | July | August | September | Y-T-D Total |
|---|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| WAPA | 10,451,000 | 11,066,000 | 8,572,000 | 9,568,000 | 7,838,000 | 8,635,397 | 10,124,000 | 15,545,576 | 8,821,000 | 90,620,973 |
| BPA | 21,000,000 | 19,104,000 | 21,167,000 | 21,408,000 | 22,032,000 | 21,324,000 | 21,344,000 | 20,640,000 | 12,800,000 | 180,819,000 |
| PPL Montana | 67,008,000 | 60,864,000 | 67,369,000 | 144,047,000 | 117,000,000 | 114,993,000 | 142,352,000 | 144,336,000 | 138,527,000 | 996,496,000 |
| Southern Montana's Total Purchases | 98,459,000 | 91,034,000 | 97,108,000 | 175,023,000 | 146,870,000 | 144,952,397 | 173,820,000 | 180,521,576 | 160,148,000 | 1,101,985,850 |
| SMEG&T 2007 Load Forecast: 2011 Total System Usage | | | | | | | | | | 777,520,000 |
| Energy For Resale | (5,872,000) | (4,104,000) | (11,280,000) | (56,052,000) | (41,992,000) | (61,477,000) | (64,354,000) | (81,200,000) | (86,296,000) | (412,627,000) |
| Percentage Of Purchased Power The Members Used | 86.31% | 97.54% | 86.18% | 52.16% | 50.17% | 48.77% | 43.97% | 37.34% | 33.90% | |

Monthly Revenue / Power Cost Comparison

| | | | | | | | | | | |
|--|-------------|-------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Power Sales - Members | \$5,328,567 | \$5,240,555 | \$4,836,547 | \$4,131,804 | \$3,900,878 | \$4,427,686 | \$5,216,131 | \$4,851,407 | \$4,340,063 | \$42,402,745 |
| Power Sales - Non-Members (Independent Electricity Supply Services - IESS) | | | | | | | \$218,045 | \$255,266 | \$262,599 | \$735,910 |
| Power Cost | \$4,467,198 | \$4,301,506 | \$4,489,328 | \$7,282,280 | \$6,550,451 | \$6,434,929 | \$7,372,680 | \$6,760,763 | \$6,308,937 | \$53,786,066 |
| Operating Revenue | \$861,369 | \$939,049 | \$347,219 | (\$3,150,475) | (\$2,649,573) | (\$2,007,243) | (\$1,938,504) | (\$1,654,090) | (\$1,706,275) | (\$10,647,411) |
| Net Margins | \$669,123 | \$782,229 | \$59,674 | (\$3,347,707) | (\$2,904,935) | (\$2,275,470) | (\$2,402,808) | (\$2,098,073) | (\$2,201,747) | (\$13,483,651) |

Indicates When The PPL Montana Power Purchases Requirements Increased to 185 MWh/hr On Peak and 125 MWh/hr Off Peak