

Founded in 1852
by Sidney Davy Miller

MILLER CANFIELD

RONALD W. BLOOMBERG
TEL (517) 483-4972
FAX (517) 374-6304
E-MAIL bloomberg@millercanfield.com

Miller, Canfield, Paddock and Stone, P.L.C.
One Michigan Avenue, Suite 900
Lansing, Michigan 48933
TEL (517) 487-2070
FAX (517) 374-6304
www.millercanfield.com

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October 19, 2009

Ms. Mary Jo Kunkle
Executive Secretary
Michigan Public Service Commission
6545 Mercantile Way, Ste 7
Lansing, MI 48911

Re: Wisconsin Electric Power Company
2010 PSCR Plan
MPSC Case No. U-16034

Dear Ms. Kunkle:

Enclosed for electronic filing is Wisconsin Electric Power Company's **Corrected Exhibit A-6** that was filed with the Commission on September 30, 2009.

If you have any questions, please kindly advise.

Very truly yours,

Miller, Canfield, Paddock and Stone, P.L.C.

By: _____
Ronald W. Bloomberg

RWB/cla
Enclosures

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

| | | |
|--|---|------------------|
| In the matter of the application of |) | |
| WISCONSIN ELECTRIC POWER COMPANY, |) | |
| d/b/a We Energies for approval of a power |) | Case No. U-16034 |
| supply cost recovery plan and authorization |) | |
| of monthly power supply cost recovery factors |) | |
| for the calendar year 2010. |) | |

PROOF OF SERVICE

STATE OF MICHIGAN)
) ss.
 INGHAM COUNTY)

Crystal L. Abbott, being first duly sworn, deposes and says that on October 19, 2009, she served **Corrected Exhibit A-6** upon the parties listed on the attached Service List via electronic mail.

Crystal L. Abbott

Subscribed and sworn to before me
on this 19th day of October, 2009.

Jeri L. Clevenger, Notary Public
State of Michigan, Ingham County
My Commission Expires: October 8, 2015

SERVICE LIST for U-16034

Administrative Law Judge

Honorable Mark D. Eyster
Michigan Public Service Commission
6545 Mercantile Way, Ste. 14
Lansing, MI 48911
Email: eysterm@michigan.gov

Michigan Public Service Commission

Michael J. Orris
6545 Mercantile Way, Ste. 15
Lansing, MI 48911
Email: OrrisM@michigan.gov

**Tilden Mining Company L.C. and
Empire Iron Mining Partnership**

Jennifer Utter Heston
Fraser Trebilcock Davis & Dunlap, P.C.
124 W. Allegan, Suite 1000
Lansing, MI 48933
Email: JHest@fraserlawfirm.com

WISCONSIN ELECTRIC POWER COMPANY
Projected MWH, Fuel, and Purchase Energy Expense

For Year 2010

| <u>PLANT</u> | <u>FUEL</u> | <u>GWH</u> | <u>GBTU</u> | <u>Cost</u> (\$000) | <u>\$/MWh</u> | <u>\$/MMBTU</u> |
|--------------------------------------|-------------|---------------|----------------|------------------------|---------------|-----------------|
| Oak Creek 5-8 | Coal | 5,273 | 52,520 | 127,563 | 24.19 | 2.43 |
| Elm Road Generating Station | Coal | 3,775 | 33,428 | 91,121 | 24.14 | 2.73 |
| Port Washington 1-2 | Gas | 3,195 | 22,841 | 139,412 | 43.64 | 6.10 |
| Valley 1-2 | Coal | 793 | 10,524 | 43,410 | 54.76 | 4.12 |
| Pleasant Prairie 1-2 | Coal | 7,611 | 82,945 | 140,106 | 18.41 | 1.69 |
| Edgewater 5 | Coal | 526 | 5,464 | 13,452 | 25.58 | 2.46 |
| Presque Isle 5-9 | Coal | 2,521 | 30,498 | 74,080 | 29.38 | 2.43 |
| Milwaukee County | Coal | 32 | 347 | 1,622 | 50.47 | 4.67 |
| Auxiliary Fuel | Oil | 2 | 18 | 335 | 220.46 | 19.02 |
| Auxiliary Fuel | Gas | 11 | 118 | 1,972 | 175.75 | 16.78 |
| Combustion Turbine | Gas | 10 | 125 | 1,550 | 161.84 | 12.40 |
| Hydro | | 260 | | | | |
| Wind | | 482 | | | | |
| TOTAL GENERATION | | 24,490 | 238,826 | 634,623 | 25.91 | 2.66 |
| Purchase Energy | | 4,853 | | 249,179 | 51.35 | |
| Purchase Renewable Energy - Existing | | 202 | | 20,309 | 100.63 | |
| Purchase Renewable Energy - New | | 157 | | 7,848 | 50.05 | |
| Purchase Capacity | | | | 65,878 | | |
| Transmission Services | | | | 781 | | |
| Sales Energy | | 8 | | 574 | 73.19 | |
| Sales Capacity | | | | 6,226 | | |
| NET OUTPUT | | 29,694 | | 971,818 | 32.73 | |
| Open Market (MISO costs) | | | | (31,352) | | |
| Network Transmission Service | | | | 248,679 | | |
| WUMS Loss Socialization | | | | 1,200 | | |
| Ancillary Services Market | | | | (6,534) | | |
| TOTAL POWER SUPPLY COSTS | | 29,694 | | 1,183,811 | 39.87 | |

WISCONSIN ELECTRIC POWER COMPANY
Projected MWH, Fuel, and Purchase Energy Expense

For Year 2011

| <u>PLANT</u> | <u>FUEL</u> | <u>GWH</u> | <u>GBTU</u> | <u>Cost</u> (\$000) | <u>\$/MWh</u> | <u>\$/MMBTU</u> |
|--------------------------------------|-------------|---------------|----------------|------------------------|---------------|-----------------|
| Oak Creek 5-8 | Coal | 5,137 | 51,128 | 125,572 | 24.45 | 2.46 |
| Elm Road Generating Station | Coal | 6,290 | 55,697 | 178,189 | 28.33 | 3.20 |
| Port Washington 1-2 | Gas | 2,211 | 15,805 | 108,342 | 49.01 | 6.85 |
| Valley 1-2 | Coal | 1,146 | 15,132 | 65,484 | 57.16 | 4.33 |
| Pleasant Prairie 1-2 | Coal | 7,897 | 86,071 | 176,988 | 22.41 | 2.06 |
| Edgewater 5 | Coal | 560 | 5,823 | 14,499 | 25.89 | 2.49 |
| Presque Isle 5-9 | Coal | 2,554 | 30,870 | 82,994 | 32.49 | 2.69 |
| Milwaukee County | Coal | 36 | 387 | 1,853 | 51.74 | 4.79 |
| Auxiliary Fuel | Oil | 2 | 19 | 310 | 186.65 | 16.02 |
| Auxiliary Fuel | Gas | 16 | 168 | 2,405 | 148.07 | 14.34 |
| Combustion Turbine | Gas | 15 | 195 | 2,042 | 139.59 | 10.47 |
| Hydro | | 376 | | | | |
| Wind | | 482 | | | | |
| TOTAL GENERATION | | 26,720 | 261,295 | 758,678 | 28.39 | 2.90 |
| Purchase Energy | | 3,529 | | 210,108 | 59.54 | |
| Purchase Renewable Energy - Existing | | 181 | | 20,947 | 115.95 | |
| Purchase Renewable Energy - New | | 157 | | 7,848 | 50.05 | |
| Purchase Capacity | | | | 67,953 | | |
| Transmission Services | | | | 368 | | |
| Sales Energy | | 7 | | 624 | 71.63 | |
| Sales Capacity | | | | 14,807 | | |
| NET OUTPUT | | 30,580 | | 1,050,471 | 34.35 | |
| Open Market (MISO costs) | | | | (31,352) | | |
| Network Transmission Service | | | | 256,377 | | |
| WUMS Loss Socialization | | | | 0 | | |
| Ancillary Services Market | | | | (6,534) | | |
| TOTAL POWER SUPPLY COSTS | | 30,580 | | 1,268,962 | 41.50 | |

WISCONSIN ELECTRIC POWER COMPANY
Projected MWH, Fuel, and Purchase Energy Expense

For Year 2012

| <u>PLANT</u> | <u>FUEL</u> | <u>GWH</u> | <u>GBTU</u> | <u>Cost</u> (\$000) | <u>\$/MWh</u> | <u>\$/MMBTU</u> |
|--------------------------------------|-------------|---------------|----------------|------------------------|---------------|-----------------|
| Oak Creek 5-8 | Coal | 5,654 | 56,294 | 142,918 | 25.28 | 2.54 |
| Elm Road Generating Station | Coal | 7,208 | 63,807 | 217,609 | 30.19 | 3.41 |
| Port Washington 1-2 | Gas | 2,160 | 15,442 | 110,835 | 51.32 | 7.18 |
| Valley 1-2 | Coal | 1,031 | 13,649 | 62,326 | 60.44 | 4.57 |
| Pleasant Prairie 1-2 | Coal | 8,422 | 91,796 | 200,027 | 23.75 | 2.18 |
| Edgewater 5 | Coal | 536 | 5,579 | 14,252 | 26.57 | 2.55 |
| Presque Isle 5-9 | Coal | 2,661 | 32,167 | 93,238 | 35.04 | 2.90 |
| Milwaukee County | Coal | 36 | 387 | 1,943 | 54.30 | 5.03 |
| Auxiliary Fuel | Oil | 8 | 91 | 1,564 | 206.26 | 17.14 |
| Auxiliary Fuel | Gas | 30 | 322 | 3,617 | 119.52 | 11.24 |
| Combustion Turbine | Gas | 37 | 496 | 4,040 | 110.58 | 8.14 |
| Hydro | | 376 | | | | |
| Wind Existing | | 482 | | | | |
| Wind New Renewable | | 409 | | 32,849 | 80.41 | |
| TOTAL GENERATION | | 29,049 | 280,030 | 885,218 | 30.47 | 3.16 |
| Purchase Energy | | 3,043 | | 200,566 | 65.91 | |
| Purchase Renewable Energy - Existing | | 178 | | 19,524 | 109.83 | |
| Purchase Renewable Energy - New | | 157 | | 7,848 | 50.05 | |
| Purchase Capacity | | | | 63,132 | | |
| Transmission Services | | | | 199 | | |
| Sales Energy | | 2 | | 227 | 71.63 | |
| Sales Capacity | | | | 11,452 | | |
| NET OUTPUT | | 32,425 | | 1,164,808 | 35.92 | |
| Open Market (MISO costs) | | | | (31,352) | | |
| Network Transmission Service | | | | 262,447 | | |
| WUMS Loss Socialization | | | | 0 | | |
| Ancillary Services Market | | | | (6,519) | | |
| TOTAL POWER SUPPLY COSTS | | 32,425 | | 1,389,384 | 42.85 | |

WISCONSIN ELECTRIC POWER COMPANY
Projected MWH, Fuel, and Purchase Energy Expense

For Year 2013

| <u>PLANT</u> | <u>FUEL</u> | <u>GWH</u> | <u>GBTU</u> | <u>Cost</u> (\$000) | <u>\$/MWh</u> | <u>\$/MMBTU</u> |
|--------------------------------------|-------------|---------------|----------------|------------------------|---------------|-----------------|
| Oak Creek 5-8 | Coal | 6,030 | 60,039 | 144,297 | 23.93 | 2.40 |
| Elm Road Generating Station | Coal | 6,384 | 56,542 | 206,391 | 32.33 | 3.65 |
| Port Washington 1-2 | Gas | 1,994 | 14,257 | 102,897 | 51.60 | 7.22 |
| Valley 1-2 | Coal | 955 | 12,627 | 59,110 | 61.88 | 4.68 |
| Pleasant Prairie 1-2 | Coal | 8,280 | 90,230 | 201,075 | 24.29 | 2.23 |
| Edgewater 5 | Coal | 525 | 5,446 | 14,132 | 26.94 | 2.60 |
| Presque Isle 5-9 | Coal | 2,586 | 31,165 | 93,820 | 36.28 | 3.01 |
| Milwaukee County | Coal | 35 | 382 | 1,960 | 55.39 | 5.13 |
| Auxiliary Fuel | Oil | 8 | 99 | 1,690 | 205.61 | 17.09 |
| Auxiliary Fuel | Gas | 33 | 358 | 3,878 | 116.07 | 10.83 |
| Combustion Turbine | Gas | 14 | 182 | 1,962 | 142.47 | 10.77 |
| Hydro | | 376 | | | | |
| Wind Existing | | 481 | | | | |
| Wind New Renewable | | 409 | | 33,098 | 81.02 | |
| TOTAL GENERATION | | 28,109 | 271,327 | 864,309 | 30.75 | 3.19 |
| Purchase Energy | | 4,370 | | 251,709 | 57.60 | |
| Purchase Renewable Energy - Existing | | 175 | | 19,820 | 113.26 | |
| Purchase Renewable Energy - New | | 157 | | 7,848 | 50.05 | |
| Purchase Capacity | | | | 55,932 | | |
| Transmission Services | | | | 199 | | |
| Sales Energy | | | | - | 0.00 | |
| Sales Capacity | | | | 5,929 | | |
| NET OUTPUT | | 32,810 | | 1,193,888 | 36.39 | |
| Open Market (MISO costs) | | | | (31,352) | | |
| Network Transmission Service | | | | 270,647 | | |
| WUMS Loss Socialization | | | | 0 | | |
| Ancillary Services Market | | | | (6,514) | | |
| TOTAL POWER SUPPLY COSTS | | 32,810 | | 1,426,669 | 43.48 | |

WISCONSIN ELECTRIC POWER COMPANY
Projected MWh, Fuel, and Purchase Energy Expense

For Year 2014

| <u>PLANT</u> | <u>FUEL</u> | <u>GWH</u> | <u>GBTU</u> | <u>Cost</u> (\$000) | <u>\$/MWh</u> | <u>\$/MMBTU</u> |
|--------------------------------------|-------------|---------------|----------------|------------------------|---------------|-----------------|
| Oak Creek 5-8 | Coal | 5,554 | 55,280 | 136,524 | 24.58 | 2.47 |
| Elm Road Generating Station | Coal | 6,521 | 57,735 | 173,304 | 26.58 | 3.00 |
| Port Washington 1-2 | Gas | 1,812 | 12,957 | 95,191 | 52.53 | 7.35 |
| Valley 1-2 | Coal | 1,036 | 13,712 | 65,059 | 62.78 | 4.74 |
| Pleasant Prairie 1-2 | Coal | 8,166 | 89,001 | 207,724 | 25.44 | 2.33 |
| Edgewater 5 | Coal | 522 | 5,424 | 14,676 | 28.13 | 2.71 |
| Presque Isle 5-9 | Coal | 2,649 | 32,013 | 95,240 | 35.96 | 2.98 |
| Milwaukee County | Coal | 36 | 384 | 2,021 | 56.83 | 5.26 |
| Auxiliary Fuel | Oil | 10 | 115 | 1,960 | 196.02 | 17.03 |
| Auxiliary Fuel | Gas | 30 | 326 | 3,608 | 120.16 | 11.08 |
| Combustion Turbine | Gas | 13 | 178 | 1,925 | 144.52 | 10.83 |
| Biomass | Wood | 350 | 4,906 | 14,717 | 42.05 | 3.00 |
| Hydro | | 376 | | | | |
| Wind Existing | | 481 | | | | |
| Wind New Renewable | | 649 | | 52,838 | 81.38 | |
| TOTAL GENERATION | | 28,205 | 272,030 | 864,788 | 30.66 | 3.18 |
| Purchase Energy | | 818 | | 238,889 | 292.04 | |
| Purchase Renewable Energy - Existing | | 172 | | 9,991 | 58.09 | |
| Purchase Renewable Energy - New | | 157 | | 7,848 | 50.05 | |
| Purchase Capacity | | | | 55,096 | | |
| Transmission Services | | | | 199 | | |
| Sales Energy | | | | - | 0.00 | |
| Sales Capacity | | | | 6,273 | | |
| NET OUTPUT | | 29,352 | | 1,170,538 | 39.88 | |
| Open Market (MISO costs) | | | | (31,352) | | |
| Network Transmission Service | | | | 279,038 | | |
| WUMS Loss Socialization | | | | 0 | | |
| Ancillary Services Market | | | | (6,514) | | |
| TOTAL POWER SUPPLY COSTS | | 29,352 | | 1,411,710 | 48.10 | |