



MONTANA-DAKOTA UTILITIES CO.  
ADVOCACY STAFF – MARC, LLC  
DATA REQUEST DATED AUGUST 26, 2010  
CASE NO. PU-10-124

**NDPSC-DR-082**

- a. What was the total (KW if included any) and Kwh, for Wind Power for 2009 and projected 2010 for MDU-North Dakota Electric? Please show schedule by month and by Plant.
- b. What is the associated cost included in the MDU-North Dakota jurisdictional fuel cost? Please show schedule by month and by Plant.
- c. Please provide a detailed Schedule of all Wind Power related Investments, Expenses, ADIT, Tax impact items, and any other Revenue Requirement components included in the current MDU-North Dakota Electric Operations' Rate Case Filings. (THIS WAS PREVIOUSLY REQUESTED ON JULY 15, DURING MARC STAFF'S ON-SITE VISIT AT MDU OFFICES.)

**Response:**

- a. Please see Response No. NDPSC-DR-081.
- b. Please see Response No. NDPSC-DR-081.
- c. Please see Attachment A for the revenue requirement associated with wind installed in 2010.

**MONTANA-DAKOTA UTILITIES CO.  
INCOME STATEMENT  
ELECTRIC UTILITY - NORTH DAKOTA  
TWELVE MONTHS ENDED DECEMBER 31, 2009  
PROJECTED 2010**

	<u>New Wind</u>
Operating Revenues	
Sales	(\$1,567)
Sales for Resale	0
Other	0
Total Revenues	<u>(1,567)</u>
Operating Expenses	
Operation and Maintenance	
Cost of Fuel & Purchase Power	(1,567)
Other O&M	473
Total O&M	<u>(1,094)</u>
Depreciation and Amortization	2,421
Taxes Other Than Income	79
Current Income Taxes	(3,035)
Deferred Income Taxes	0
Total Expenses	<u>(1,629)</u>
Operating Income	<u><u>\$62</u></u>

MONTANA-DAKOTA UTILITIES CO.  
RATE BASE  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2010

	<u>New Wind</u>
Electric Plant in Service	\$47,907
Accumulated Reserve for Depreciation	<u>2,471</u>
Net Electric Plant in Service	\$45,436
CWIP in Service Pending Reclassification	
Total Electric Plant in Service	<u>\$45,436</u>
Total Before Deductions	\$45,436
Deductions	
Accumulated Deferred Income Taxes	\$766
Accumulated Investment Tax Credits	
Customer Advances	
Total Deductions	<u>\$766</u>
Total Rate Base	<u><u>\$44,670</u></u>

1/ Includes CWIP in Service by function.

**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY - NORTH DAKOTA  
CALCULATION INCOME TAXES  
PROJECTED 2010**

	<u>New Wind</u>
<b>Operating Revenues</b>	
Sales Revenues	(\$1,567)
Sales for Resale	
Other Revenues	
Total Operating Revenues	<u>(1,567)</u>
<b>Operating Expenses</b>	
Operation and Maintenance	
Cost of Fuel & Purchased Power	(1,567)
Other O&M	473
Total O&M	<u>(1,094)</u>
Depreciation and Amortization Expense	2,421
Taxes other Than Income	79
Total Operating Expenses	<u>1,406</u>
<b>Gross Adjustments to Operating Income</b>	<b>(2,973)</b>
Deductions and Adjustments to Book Income:	
Interest 1/	<u>1,327</u>
Total Adjustments to Taxable Income	<u>1,327</u>
Taxable Income	(4,300)
Federal & State Income Taxes	(1,684)
Production Tax Credit 2/	(1,763)
Full Normalization	
Total Income Taxes	<u><u>(\$3,447)</u></u>

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**MONTANA-DAKOTA UTILITIES CO.  
ELECTRIC UTILITY -NORTH DAKOTA  
INTEREST EXPENSE  
PROJECTED 2010**

Rate Base 1/	<u>Wind</u> \$44,670
Weighted Cost of Debt	2.970%
Interest Expense	<u><u>\$1,327</u></u>

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**MONTANA-DAKOTA UTILITIES CO.  
PRODUCTION TAX CREDIT  
ELECTRIC UTILITY - NORTH DAKOTA  
PROJECTED 2010  
(000s)**

	Projected 2010 1/
Cedar Hills MWh Production	<u>64,700,000</u>
Diamond Willow MWh production	<u>64,700,000</u>
Total	<u>129,400,000</u>
Less Production Tax Credit	(0.021)
Total Production Tax Credit	<u>(2,717,400)</u>
North Dakota	<u><u>(\$1,763,285)</u></u>

1/ Allocated on demand and energy factor.

**MONTANA-DAKOTA UTILITIES CO.  
UTILITY CAPITAL STRUCTURE  
TWELVE MONTHS ENDING DECEMBER 31, 2009  
PROJECTED**

	<u>Balance</u>	<u>Ratio</u>	<u>Cost</u>	<u>Required Return</u>
<b><u>Per Books</u></b>				
Long Term Debt	\$280,502,591	45.662%	6.845%	3.126%
Short Term Debt 1/	1,880,548	0.306%	11.590%	0.035%
Preferred Stock	15,600,000	2.540%	4.594%	0.117%
Common Equity	316,314,714	51.492%	11.500%	5.922%
Total	<u>\$614,297,853</u>	<u>100.000%</u>		<u>9.200%</u>

<b><u>2010</u></b>				
Long Term Debt	\$280,502,591	42.232%	6.845%	2.891%
Short Term Debt 1/	20,829,409	3.136%	2.535%	0.079%
Preferred Stock	15,500,000	2.333%	4.590%	0.107%
Common Equity	347,368,141	52.299%	10.750%	5.622%
Total	<u>\$664,200,141</u>	<u>100.000%</u>		<u>8.699%</u>

1/ Reflects average monthly balance.