



# Muth Electric Inc.



400 North Rowley • P.O. Box 1400 • Mitchell, SD 57301-7400  
PHONE (605) 996-3983 • FAX (605) 996-2203  
www.muthelectric.com

September 30, 2008

Greg Von Wald  
Mitchell Technical Institute  
821 N Capital  
Mitchell, SD 57301

**Re: Wind Turbine Program**

Dear Greg:

I am writing in support of a Wind Turbine Program at the Mitchell Technical Institute. We are involved in the construction phase of Wind Energy projects in a five state area and find a need for technicians that are trained in the facets of Wind Turbines and their installation and operation.

Last year, we completed work on various phases of nearly 400 wind turbines and see the opportunity for more to grow. South Dakota has the 5<sup>th</sup> largest potential for wind energy production, but very few turbines in operation. Once the transmission of the power has been solved, the potential for new installations is in the thousands of turbines. Each of these wind farms require up to 30 technicians for the construction phase, and also from five to 25 permanent positions for the ongoing maintenance of the units. These are sound, well paying opportunities for people in the region.

The technicians needed would be potentially involved in not only electrical, but also the controls (SCADA), as well as the hydraulic operation of the turbines. As we understand, the proposed program would touch on all those areas, so the graduates would be very versatile in filling these needs.

In closing, with the economies the way they are, we feel that wind energy will continue to be an area of growth and strong potential for employment for years to come, and that this would be a program beneficial to South Dakota and its residents. We encourage its approval and forward movement.

Sincerely,

MUTH ELECTRIC, INC.  
  
Paul Muth  
V.P. Project Operations

"Professional Answers For All Your Electrical Needs"

MITCHELL, SD  
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(605) 338-6586

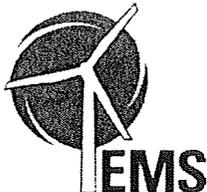
WATERTOWN, SD  
(605) 882-2680

HURON, SD  
(605) 352-8579

RAPID CITY, SD  
(605) 341-3554

ABERDEEN, SD  
(605) 226-8424

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(402) 551-7780



**Energy Maintenance Service, LLC**

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8-27-08

Greg Von Wald, President  
Mitchell Technical College

Dear Campus President,

As a wind energy service and maintenance company, we are interested in finding qualified wind turbine technicians to support the needs of our fast growing industry. The proposal of a Wind Energy Technology Associates degree program at your campus is very encouraging to our company as the graduates would have ample opportunity to gain employment in our fast growing industry.

As our industry is currently in need of educated, skilled and qualified technicians we are very impressed that your school is making an effort to help our industry gain employees through classes such as the one you are proposing. We hope to continue our good relationship with you and your college.

Regards,

*Deborah L. Full*

Deborah Full, Human Resources Manager

**U.S. Wind Energy Projects - South Dakota**

(As of 06/30/2008)

State:

Power Capacity - Existing projects (MW): 98.26  
 Power Capacity - Projects under construction (MW): 141  
 Rank In US (by Existing Capacity): 20  
 Rank In US (by Potential Capacity): 4  
 Potential Capacity (in MW): 117200  
 Annual Energy (in billion kWh): 1030



Status:

Sort table by a specific column by clicking on its heading.

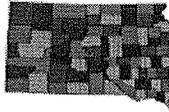
Name	Location	Power Capacity (MW)	Units	Turbine Mfr.	Developer	Owner	Power Purchaser	Year Online
Minn-Dakota Wind Farm	Brookings County	54	36	GE Energy	PPM Energy	PPM Energy	Xcel Energy	2007
Highmore Wind Energy Project	Highmore	40.5	27	GE Energy	FPL Energy	FPL Energy	Basin Electric	2003
Rosebud Sioux Wind Energy Project	Rosebud Sioux reservation	0.75	1	NEG Micon	Rosebud Sioux	Rosebud Sioux	Rosebud Sioux	2003
Canova	near Carthage	0.11	1	Micon	City of Howard	City of Howard	City of Howard	2002
Gary Wind Energy Project	Gary	0.09	1	Vestas	Energy Maintenance Services-Distributed Energy Services	Energy Maintenance Services-Distributed Energy Services	Energy Maintenance Services-Distributed Energy Services	2002
Chamberlain Wind Project	Chamberlain	2.6	2	Nordex	Crown Butte Wind Power	Basin Electric	Basin Electric/East River Coop	2001
Howard Wind Energy Project	Howard	0.22	2	Micon	City of Howard	City of Howard	City of Howard	2001

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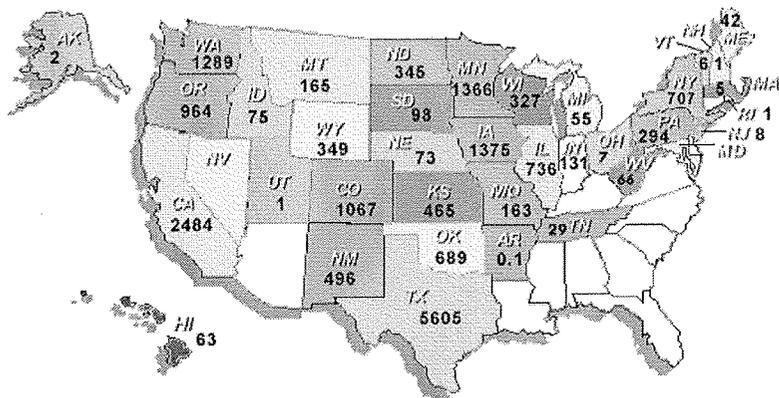
Name	Location	Power Capacity (MW)	Units	Turbine Mfr.	Developer	Owner	Power Purchaser	Year Online
Tatanka Wind Project	McPherson County	90	60	Acciona	Acciona Energy			
Wessington Springs		51	34	GE Energy	Babcock & Brown	Babcock & Brown		

**U.S. Wind Energy Projects**

(As of 06/30/2008)

**AWEA Second Quarter 2008 Market Report**

The following map shows installed megawatts (MW) for each state. Click on the shaded states to access information on existing and under construction wind energy projects.



**National Total Power Capacities (MW)**

Existing	Under Construction
19549.18	9021.8