

**EXHIBIT B**

**Affidavit of Henry Ford**

**UNITED STATES OF AMERICA  
BEFORE THE  
FEDERAL ENERGY REGULATORY COMMISSION**

<b>TATANKA WIND POWER, LLC,</b>	)	
	)	
<b>Complainant,</b>	)	
	)	
<b>v.</b>	)	<b>Docket No. EL10-41-000</b>
	)	
<b>MONTANA-DAKOTA UTILITIES</b>	)	
<b>CO., a division of MDU</b>	)	
<b>Resources Group, Inc.,</b>	)	
	)	
<b>Respondent.</b>	)	

**AFFIDAVIT OF HENRY FORD  
ON BEHALF OF MONTANA-DAKOTA UTILITIES CO.**

**HENRY FORD**, being first duly sworn, on oath, deposes and states as follows:

1. My name is Henry Ford and my current business address is 400 N. 4<sup>th</sup> St., Bismarck, North Dakota 58501.
2. I am currently employed as the Electric Transmission Engineering Manager for Montana-Dakota Utilities Co., a Division of MDU Resources Group, Inc. ("Montana-Dakota"). I have been employed by Montana-Dakota for 31 years. During that time I held various positions of increasing responsibility. I started my employment at Montana-Dakota as a Staff Engineer in Electric Transmission in 1978. In 1982 I transferred to the Mobridge Division as an Electric Distribution Division Engineer and subsequently transferred to Dickinson in the same position in 1983. In 1990 I was promoted to the position of Electric Superintendent of the Glendive Division and in 1993 I was again promoted to Electric Superintendent of the larger Williston Division. In 1996 I was promoted to the newly created position of Region Electric Superintendent which combined the previous

positions of Electric Superintendent in Dickinson, Glendive and Williston. In 2004 I was promoted to my current position of Electric Transmission Engineering Manager.

3. I received a Bachelor of Science degree in Engineering Physics from North Dakota State University in 1977.
4. In preparation for this affidavit, I reviewed the complaint of Tatanka Wind Power, LLC (“Tatanka”), including the affidavit of Iker Chocarro and all supporting attachments. I also reviewed the Tatanka generator interconnection agreement and the Montana-Dakota typical drawings and design specifications that were provided to Tatanka prior to construction of the network upgrades and the substation configuration that was built by Tatanka.
5. As the Electric Transmission Engineering Manager for Montana-Dakota, I had the responsibility of leading the development of the Large Generator Interconnection Agreement (“LGIA”) for Montana-Dakota which included the supervision of engineers on my staff in their preparation of cost estimates and specifications for this project.
6. It is my understanding that the Dakota Wind Harvest project (MISO Project G132) was placed in suspension by notice given on May 19, 2006 retroactive to March 31, 2005. (See Attachment B.4). On or about October 2006, I was contacted by Tatanka’s consulting engineer, HDR, Inc., who requested Montana-Dakota’s specification package for the construction of the 230 kV interconnection substation identified as a network upgrade in the LGIA for Project G132. These design specifications were sent by Montana-Dakota to Bill Barnhardt of HDR, Inc. on October 16, 2006.
7. The design specifications that were provided to Mr. Barnhardt included a plan view drawing of how Montana-Dakota expected the substation to be configured, including

specifications for the control house, station battery and Station Service Voltage Transformer (“SSVT”), as well as numerous other aspects of the substation design.

8. I have reviewed the design diagram of the substation as built by Tatanka, and the substation as built deviates from the Montana-Dakota specifications in several material ways. As a result of the substantial deviations from the Montana-Dakota design specifications, several configuration and substation reliability concerns were presented, some of which have occurred, since the energization of the substation.
9. Set forth below is a summary of the significant, material deviations from Montana-Dakota’s design specifications, the LGIA design specifications, and the resulting reliability events:

- (a) Montana-Dakota’s specifications included a drawing entitled “Wishek to Ellendale Line Ring Bus” with a drawing number 04202004-1. I have attached that drawing as Attachment B.1. I have circled, in red, line switches in the substation next to each line termination structure. The line switches were also identified in the LGIA appendices. (See Attachment B.2). These line switches are important to overall system reliability because they allow a transmission line to be removed from service for maintenance or other reasons without disrupting the continuity of the ring bus configuration. Without these switches, any time a line needs to be removed from service, two 230 kV breakers will need to be opened which leads to a less reliable operational condition of the bulk electric system. The station that was built by Tatanka does not incorporate any use of line switches as can be seen on their general arrangement drawing. (See Attachment B.3.).

(b) An SSVT was specified both in the drawings and specifications that Montana-Dakota provided to HDR and in the LGIA appendices. (See Attachment B.1 and B.2). The SSVT is required to provide power to the substation for lighting, station battery charging and general power use. Instead of providing an SSVT, as the specifications required, Tatanka instead obtained significantly less reliable electric service from the local power cooperative's distribution line nearby. This will, and has, resulted in the loss of station power to this substation when the Cooperative has service disruptions on its system. This has happened twice since this station was energized on November, 29, 2007. I discuss this item further in item (c) below.

(c) Montana-Dakota's specifications that were provided to HDR also included a specification for a Lead-Acid station battery. (See Attachment B.5.). The substation battery serves two main purposes: First, the battery provides 120 volts DC for the system protection circuits within the substation. These circuits are used to monitor system conditions and to send signals to trip the 230kV circuit breakers for abnormal system conditions such as line faults. These breaker trips are necessary to prevent unwanted tripping elsewhere on the bulk electric system which has the potential to cause a widespread disruption of service to customers.

Second, the substation battery provides an uninterruptible source of DC power to these protection systems for a specified period of time during a loss of station power. At Montana-Dakota, we typically design a station battery to be capable of uninterruptible service for a minimum of 8 hours and often capable

of much more than this. The station battery that Tatanka installed in this substation was a Nickel-Cadmium rather than Lead-Acid type. This battery is not used anywhere else on Montana-Dakota's system. Therefore, we do not have spare cells for this battery on hand as we do for our Lead-Acid type. In addition we do not believe that this battery was sized to our standards as this battery has gone dead during two different incidents of lost station service power from the Cooperative. Both incidents could have resulted in a wider area outage if the Tatanka breakers had been called upon to operate while the battery was compromised.

- (d) Montana-Dakota's specification package also contained a Control Building General Specification as well as a Control Building layout drawing. (See Attachment B.6). The specification and drawing required the control house to be 48' X 24' in dimension and contain a partitioned battery room. These features of the control house are important for the safe operation of a Lead-Acid Station battery and to provide sufficient room for the maintenance of the protective relays within the control house and to allow for future additions of relay panels as additional transmission lines are brought into the substation. The control house that was constructed by Tatanka was 20' X 20' in size and does not contain a partitioned battery room. (See Attachment B.7). The control house does not, therefore, contain enough space for any additional relay panels as would be needed for additional transmission lines nor is it capable of containing a Lead-Acid station battery. As a result, when the

Tatanka-installed battery needs to be replaced we will need to construct either an addition to this building or a second building to contain the battery.

- (e) Both Montana-Dakota's drawings and the LGIA appendices also identified how Montana-Dakota expected the substation three ring bus, switches and breakers to be arranged so the substation could accommodate future line interconnections. (See Attachment B.1 and B.2). Because the substation was being constructed as a Network Upgrade, it was important that it was designed and constructed to avoid the costly and less reliable duplication of substation facilities. Instead of building a substation with the layout included in the design specifications, Tatanka constructed a station with a configuration as shown on their drawing entitled "Tatanka 230kV Interconnect Substation General Arrangement". (See Attachment B.3.). This creates a number of problems. For example, the substation was not designed with future breaker positions despite the fact that they were clearly identified in the LGIA. (See Attachment B.2). The installation of these breakers would have permitted future projects to interconnect at the substation. Since the Tatanka substation came on line, an additional interconnection request for a point of interconnection on this transmission line is currently being negotiated (and I am aware of at least one other request for interconnection on this line in the MISO queue). Because we will not be able to accommodate this interconnection at the Tatanka substation due to Tatanka's failure to adhere to the design specifications, a new substation must be built only 6 miles away from this current location.

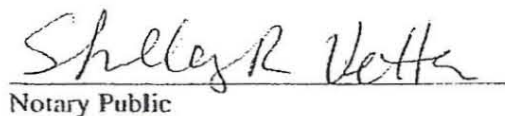
10. As a result of the deficiencies in the Tatanka substation design, Montana-Dakota estimates that it will cost a minimum of \$500,000 to make the necessary changes and additions required to bring items (a) – (d) into compliance with the Montana-Dakota standards. In addition, Montana-Dakota cannot correct the deficiencies associated with item (e) above without expending significant expense and disruption to Tatanka's connection to the bulk electric system.
11. Tatanka has asserted that it expended over \$4 Million dollars in the construction of the Tatanka substation. I was involved in the development of Montana-Dakota's initial estimate for the construction of the Network Upgrades identified in the LGIA. Montana-Dakota estimated that it could design and construct the Network Upgrades for \$1.8 million. In my opinion, which is based on my experience with the development and construction of similar facilities, the \$1.8 million estimate accurately reflects the costs associated with constructing the Network Upgrades at the time the estimate was included in the LGIA. I also believe that Montana-Dakota could have constructed the Network Upgrades for the \$1.8 million estimate at that time.
12. This concludes my affidavit.

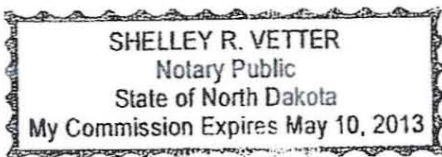
COUNTY OF BURLEIGH                    )  
  )    ss.  
STATE OF NORTH DAKOTA                )

HENRY FORD, being first duly sworn on oath, states that he caused the foregoing document to be prepared and that the statements appearing therein are true to the best of his knowledge, information, and belief.

  
Henry Ford


SUBSCRIBED AND SWORN TO before me this 26th day of February, 2010

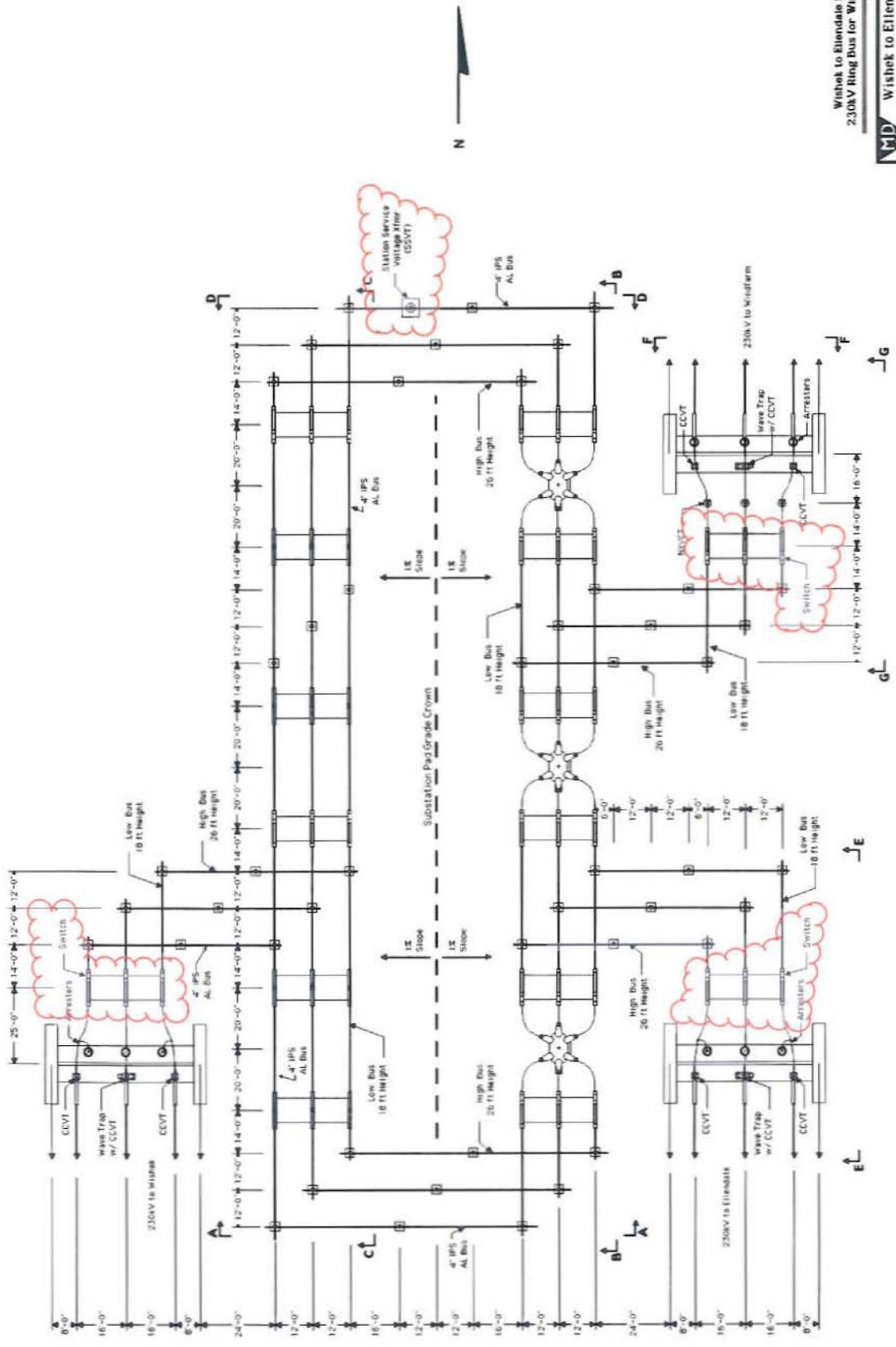
  
Notary Public



**EXHIBIT B.1**

**Wishek to Ellendale Line Ring Bus Drawing**

		Wishek to Ellendale Line 230kV Ring Bus for Windfarm	
DRAWN BY HRP	DATE 4/28/04	PROJECT NO. 04202504-1	SCALE 1" = 15' FILE NO. 04202504-1
MONTANA-DAKOTA UTILITIES CO.			



HRP - 11/15/04 - Changed Orientation of Ring Bus, add SSVT

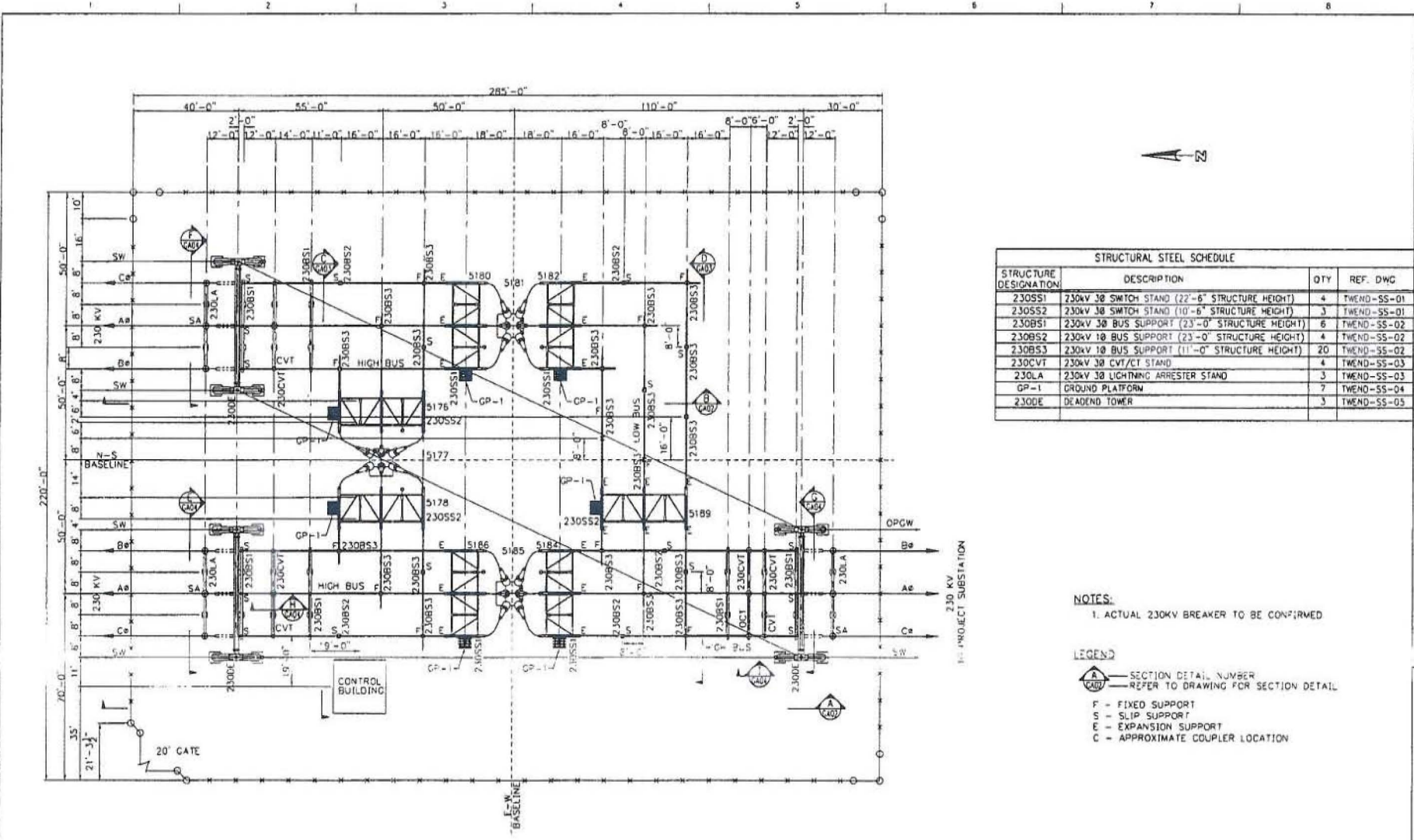
**EXHIBIT B.2**

**LGIA Exhibit A1a – 230 kV Wishek to Ellendale Ring Bus Relaying  
One-Line**



**EXHIBIT B.3**

**Tatanka 230 kV Interconnect Substation General Arrangement**



STRUCTURAL STEEL SCHEDULE			
STRUCTURE DESIGNATION	DESCRIPTION	QTY	REF. DWG
230SS1	230KV 3Ø SWITCH STAND (22'-6" STRUCTURE HEIGHT)	4	TWEND-SS-01
230SS2	230KV 3Ø SWITCH STAND (10'-6" STRUCTURE HEIGHT)	3	TWEND-SS-01
230BS1	230KV 3Ø BUS SUPPORT (23'-0" STRUCTURE HEIGHT)	6	TWEND-SS-02
230BS2	230KV 1Ø BUS SUPPORT (23'-0" STRUCTURE HEIGHT)	4	TWEND-SS-02
230BS3	230KV 1Ø BUS SUPPORT (11'-0" STRUCTURE HEIGHT)	20	TWEND-SS-02
230CVT	230KV 3Ø CVT/CT STAND	4	TWEND-SS-03
230LA	230KV 3Ø LIGHTNING ARRESTER STAND	3	TWEND-SS-03
GP-1	GROUND PLATFORM	7	TWEND-SS-04
230DE	DEADEND TOWER	3	TWEND-SS-05

NOTES:  
1. ACTUAL 230KV BREAKER TO BE CONFIRMED

LEGEND  
 SECTION DETAIL NUMBER  
 REFER TO DRAWING FOR SECTION DETAIL  
 F - FIXED SUPPORT  
 S - SLIP SUPPORT  
 E - EXPANSION SUPPORT  
 C - APPROXIMATE COUPLER LOCATION



ISSUC	DATE	DESCRIPTION
0	03-30-07	ISSUED FOR CONSTRUCTION

PROJECT MANAGER	WEB
PROJECT ENGINEER	
PROJECT NUMBER	48089



**acciona**  
TATANKA WIND ENERGY

TATANKA 230KV INTERCONNECT SUBSTATION GENERAL ARRANGEMENT

SCALE: 1/16"=1'

FILE NAME: TWEND-GA-01 SHEET: GA-01

**EXHIBIT B.4**

**Suspension Notice**

Ford - 4

**Dakota Wind Harvest, LLC**

May 19, 2006

Midwest ISO, Inc.  
Attn: Jerry Fohey  
701 City Center Drive  
Carmel, Indiana 46032

Andrea Stromberg  
Vice President, Electric Supply  
Montana-Dakota Utilities Co.  
400 North 4th Street  
Bismarck, North Dakota 58501-4092

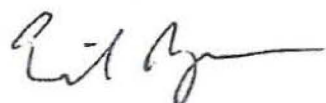
RE: Generator Interconnection G132

Dear Jerry and Andrea:

Pursuant to Section 5.16 of the Large Generator Interconnection Agreement ("Interconnection Agreement") among Dakota Wind Harvest LLC ("Dakota Wind"), the Midwest Independent System Transmission Operator, Inc. ("MISO") and Montana-Dakota Utilities Co. ("Montana-Dakota"), Dakota Wind hereby provides notice to MISO and Montana-Dakota that it hereby suspends all work by Montana-Dakota associated with the interconnection of Dakota Wind with the Montana-Dakota transmission system. Dakota Wind states that this suspension shall be retroactive to March 31, 2005.

Please contact the undersigned at 518-376-2346 with any questions.

Sincerely,



Erich Bachmeyer  
for: Dakota Wind Harvest, LLC

**EXHIBIT B.5**

**Montana-Dakota Battery Specification**

**LEAD ACID SPECIFICATIONS**  
**MONTANA-DAKOTA UTILITIES CO.**  
A Division of MDU Resources Group, Inc.

Following Battery shall be delivered to:  
\_\_\_\_\_ Substation

### **INTENT**

This specification describes the technical requirements of a 60 cell lead-acid storage battery to supply control and emergency circuits. The battery will be connected across a suitable voltage regulated charger and the continuous and emergency loads for floating operation.

This battery shall comply with all the applicable published standards of ANSI & NEMA and any additional requirements prescribed in this specification.

The battery shall be of the lead-calcium or lead selenium type having a fully charged specific gravity of 1.210-1.220 at a normal battery temperature of 77 F., with 200-250 ampere hour capacity for an 8 hour rate of discharge.

Also to be supplied with battery are all **battery connectors & hardware, one pilot cell thermometer, one hydrometer syringe with wall type holder & drip cup, one cell lifter, and one steel battery rack**, as described below.

### **SERVICE REQUIREMENTS**

The battery will be installed in a suitable ventilated room. The ambient temperature will range from 60 deg F to 80 deg F.

### **BATTERY RACK**

The battery rack supplied shall be constructed as a 2 step, continuous length, acid-proof steel rack. Height and width dimensions shall be held to a minimum. Steel channel rails shall be suitably insulated from the bottoms of the cells. All metal rack members shall be painted with two coats of acid resistant paint.

The rack parts shall be suitably identified for quick assembly. Assembled height shall be such that the lower step of battery terminals is no lower than 30 inches and the upper step of battery terminals is no higher than 42 inches.

### **CELL CONSTRUCTION**

- Containers - Shall be clear plastic with high and low level lines clearly indicated and may have one, two or three cells per container. On multi-cell containers, each cell must have individual posts for testing and charging. Individual containers may not weigh more than 120 lbs per container
- Plates - The positive and negative plates shall be suitably matched in construction to deliver the required capacities.
- Cell Covers - Shall be of suitable material to effectively seal the cell with a permanent type bond to the containers.

- Vent Plugs - Shall be constructed to allow the escape of gases, but not of acid spray. Shall be explosive proof design with permanent type snap-on covers for filling holes to prevent dust entering the cell. One vent plug shall be suitable for mounting a thermometer. One vent plug shall be suitable for mounting a hydrometer syringe for pilot cell readings
- Cell Posts - These shall be of sufficient number and size to safely deliver the specified current. Copper inserts shall be used when necessary to hold the voltage drop to a minimum value. On multi-cell containers the cell posts must be such that a single cell may be bypassed in the event of the failure of a single cell.
- Sediment Space - Ample sediment space shall be provided beneath the plates to eliminate the necessity for sediment removal during the life of the battery.
- Connectors - These shall be lead plated copper strips of adequate current carrying capacity to connect the units in series. The inter-unit and terminal connectors shall be bolted to the cell terminal posts with lead protected brass nuts and brass studs. Cells 1, 30, 31 and 60 must have connectors that will accept One 250 MCM stranded copper conductor each.

**EXHIBIT B.6**

**Montana-Dakota Control House Specifications and Typical Drawing**

**CONTROL BUILDING SPECIFICATIONS**  
**MONTANA-DAKOTA UTILITIES CO.**  
A Division of MDU Resources Group, Inc.

**SCOPE**

Bidder shall furnish and erect one (1) pre-fabricated metal building complete; including door(s), hardware, anchor bolts, metal ceiling and wall panels, flooring, insulation, interior walls, ventilation equipment, heating and air-conditioning equipment, caulking, fasteners, eaves, down spouts, and all flashing and trim required for weather tight construction as shown on the attached Purchaser's drawings (See typical Control House Layout Drawing # 111504-H) and as herein specified. Bidder shall also furnish accessories listed to comprise one complete substation control building.

**APPLICABLE STANDARDS**

The house covered by these specifications is to be designed, tested and assembled in accordance with all applicable standards of ANSI, IEEE and NEMA, including, but not limited to the all applicable ANSI C37 standards. Also, all applicable NEC and OSHA requirements must be followed.

**GENERAL REQUIREMENTS**

Building may be either self-framing with inside walls free of support members and protruding reinforcements, or rigid frame type requiring supporting members along the walls and at each end of the building. Please identify in quotation as to type of building being supplied.

Building must be designed to meet local building codes and/or must be capable of withstanding a combined minimum of 30 psf live load on the roof and 20 psf wind load on the walls, whichever requirement is greater. A certificate stating that the building meets the above loadings will be required from the successful bidder upon receipt of an order.

Walls and ceiling are to have a vapor barrier. The walls shall be insulated to a value of R-19, equivalent to 6" of fiberglass insulation. The ceiling shall be insulated to a value of R-38, equivalent to 12" of fiberglass insulation.

Ceiling must be capable of supporting lighting fixtures.

Interior walls must be capable of supporting surface mounted wiring duct, outlets, and light switches.

Interior walls and ceiling to be flat-formed and painted metal. Interior paint shall be default white.

Exterior walls to be formed and painted steel. Roof to be aluminum coated steel (aluminized steel) or painted steel. Exterior paint color shall be selected from standard colors by Purchaser at time of order. Bidder to provide color chart with bid.

Building is to include the following accessories:

**DOORS** Exit & Interior doors as listed:

- 1 - 6'-0" x 9' -0" insulated steel walk-in double door. Doors to open to the outside. Left door to be inactive, right door to be active (see drawing). Inactive door to have head and foot bolts. Active door to have cylindrical door lock with guarded latch bolt and an automatic door closer with manually controlled hold open feature. Active door must have "Panic" release exit bolts modified with thumb piece and pull-on exterior side. Both active and inactive doors to have window with reinforced glass. Doors to have insulating weather-strip on all edges.

- 1 - 3'-0" x 7' -0" insulated steel walk-in door. Door to open to the outside with "Panic" release exit bolts modified with thumb piece and pull-on exterior side. Door to have cylindrical door lock with guarded latch bolt and an automatic door closer with manually controlled hold open feature. Door to have window with reinforced glass. Door lock to be keyed identical to the active door of the 6'-0" x 9' -0" insulated steel walk-in double door. Door to have insulating weather-strip on all edges.
- 1 - 3'-0" x 7'-0" interior steel door to the battery room to be located and open as indicated on attached drawing. Door to have "Panic" release exit bolts modified with thumb piece and pull-on exterior side.
- 2 - 2'-4"x7'-0" steel doors to be located and open as indicated on the drawing. Doors to have passage latch sets.

#### LIGHTS

##### Normal AC Aisle Lighting

Fluorescent type, 120 or 240 VAC single phase supplied from AC Panel, with switches located near each entry providing control from either entry. Fluorescent fixtures shall be 48", 2 bulb channels.

##### Entrance Lighting

120 VAC, 100 watt, Mercury Vapor Wall lamp shall be mounted above each entrance with control switch near each entry providing control from either entry.

##### Emergency DC Lighting

Incandescent type 125 VDC supplied from DC Panel, with switches located near each entry providing control from either entry.

#### HEATERS

Electric Baseboard type heaters, 240 VAC single phase, 8 foot long, controlled by single thermostat and contactor. Heater configuration must be capable of maintaining 70 Deg F inside building with ambient air temperatures ranging down to -50 Deg F.

Heaters inside the battery room are to be placed on opposite wall from the batteries to prevent overheating of batteries.

#### AIR CONDITIONING

Ductless air-conditioning, 240 VAC, controlled by single thermostat and contactor. Air conditioning configuration must be capable of maintaining 75 Deg F inside building with ambient air temperatures ranging up to +110 Deg F. Ductless air-conditioning system to be approved by Purchaser.

#### FANS

2 - Wall mounted vent fans, to exhaust to outside, approximately 90 CFM for 120 VAC. Fans are to have automatic weather tight louver. Fans to be located as indicated on Purchaser's drawing, as close to ceiling as possible. Battery room fans must be time clock controlled operation to circulate battery room air on regular intervals. Intake and exhaust vents must be screened and filtered with either washable or disposable filters.

Operable wall louver, manually adjustable from a closed to an open position. Dimensions shall be approximately 12" x 12".

#### OUTLETS

Minimum of 5 - 115 VAC, 20 amp rated convenience outlets shall be equally spaced along each section of main control area wall at distances no greater than 6 feet. No outlets allowed within battery room. Breakers supplying the outlets shall be GFI type - Outlet power shall be divided into two equal 20 amp rated circuits.

AC POWER 1 - 400 amp heavy duty fusible disconnect switch for incoming 240 VAC single phase auxiliary power with neutral connection NEMA #1 enclosure.

\_\_\_\_ - 400 amp circuit breaker equipped distribution panel(s), Single Phase 120/240 VAC Service – Solid Neutral for all AC auxiliary circuits, including as a minimum the breakers indicated on the attached Purchaser's AC Panel drawing(s) \_\_\_\_\_ and as per attached AC Distribution Panel specification. **Breakers supplying convenience outlets to be GFI type.**

DC POWER 1 - 200 amp heavy duty fusible disconnect switch, NEMA #1 enclosure, 2-pole 250 VDC for isolation from battery.

\_\_\_\_ - 225 amp circuit breaker equipped distribution panel(s) for use on 125 VDC circuits.

All breakers should be 2-pole type. Bidder to furnish as a minimum the breakers indicated on the attached Purchaser's DC Panel drawing(s), \_\_\_\_\_ and as per attached DC Distribution Panel specification.

FLOOR Floor shall be covered with 3/32" thick, 12" X 12" tile flooring.

SIGNAGE Signs shall be placed throughout the building as per the Substation Sign Specification.

#### TELEPHONE PROTECTIVE EQUIPMENT

A wall mounted "shelf" is required for mounting telephone protective equipment if such equipment is required by the telephone service provider. Shelf space/mounting dimensions are 31"W x 14"H x 10"D.

CONDUIT Conduit and/or Cable way shall be provided between AC Disconnect, AC Distribution Panel, DC Disconnect, DC Distribution Panel, Lights, Heaters, Fans, Switches and above the Switchboard area. Conduit between 125V DC Battery, Charger & DC Distribution Panel shall be installed upon delivery of Purchaser supplied battery and charger.

Lot - Ridge vent with manually controlled damper, 50% length of the building, centered on roof.

Lot - Full length eaves with 4 down spouts, one at each corner.

1 - Base Z-channel flashing, around perimeter of foundation, or equivalent.

Lot - Mop Boards on all interior walls.

Lot - Interior room dividing walls located approximately as indicated on the Purchaser's drawings.

Lot - Aluminum Diamond Tread plate, 1/4" thick and cut to lengths no greater than 72" long, to cover trenches as indicated on the Purchaser's drawings.

1 - Incinolet Model 'TR', 240`VAC, 3600 Watts, 15 Amp Electric Toilet, with 1 case of Bowl Liners.

1 - Fendal Model 100 Portastream #1, 6 gallon eyewash station, with 6 - 70 oz bottles of Fendal No. 509 Eye saline concentrate. (Equivalent may be acceptable.)

#### ERECTION

Building to be installed at an electrical substation at a location to be indicated by Purchaser.

The building shall be erected on a concrete foundation provided by Purchaser. The building shall be anchored to the concrete by means of either cast in concrete or drilled in anchor bolts which are to be supplied and installed by the bidder.

Bidder to completely assemble and install building and all accessories as listed in these specifications and as indicated on the attached drawing.

The bidder shall clean building surfaces and touch up any scratches or other damage to the factory applied finish as required upon assembly.

Erection should be completed at dates set by the Purchaser, currently estimated to be \_\_\_\_\_. However, since the bidder has no control over the foundation installation, approximately one month will be allowed for erection of the building after completion of the foundation, whichever date is later. Additional time will be allowed for inclement weather or other circumstances beyond the control of bidder.

### **SPECIFIC REQUIREMENTS**

Building is to have minimum completed interior dimensions as follows:

46'-0" long X 22'-0" wide- 9'-2" floor to ceiling height

Interior dimensions may of course be larger than those stated above.  
Slight variations in length and width are acceptable.

Approximate outside dimensions as follows:

48'-0" long X 24'-0" wide - 10'-0" or 12'-0" wall height

Successful bidder to provide Purchaser with exact foundation dimension requirements as around the outside edge of the foundation. Also required are the exact interior dimensions and exact locations of and dimensions of room divider walls and doors, so that electrical conduits may be cast in the concrete foundation for wall mounted electrical equipment.

### **DRAWINGS**

Bid prints of the following shall be furnished with the quotation:

Plan View  
Elevation Views  
Foundation Requirements

The Successful bidder shall supply approval drawings of the above for approval prior to construction of building.

One set of reproducible "As Built" AutoCAD drawings shall be required for digital archiving.

### **INSURANCE REQUIREMENTS**

Without limiting any of the other obligations or liabilities of the contractor, the contractor shall provide and maintain, until the work is completed and accepted by the Owner, minimum insurance coverages in accordance with requirements established in Montana-Dakota Form Acord 25, which is attached hereto and made a part hereof.

Please include a completed copy of the insurance certificate with bid, along with a copy of your North Dakota Workmen's Compensation Certificate.

### **CONSIDERATION OF BIDS**

Until final award of the contract is made, the Purchaser reserves the right to reject any and all bids, waive any informalities, or accept any bid or bids which in the opinion of the Purchaser's engineers will serve the best interest of the Purchaser. The Purchaser also reserves the right to accept or reject any alternates that may serve his best interest.

Any exception taken to any part of these specifications must be noted in the bid, or it will be assumed that the bidder is bidding in strict conformance to these specifications

**ALTERNATE #1**

Building to be supplied as specified above, except with the following alternate:

1 - 6'-0" x 7'-0" insulated steel walk-in double door with removable 2'-0" transom to allow an opening height of 9'-0". This item would be the alternate to the 6'-0" x 9'-0" double door specified.

**ALTERNATE #2**

Building to be supplied as specified above, except as pre-fabricated modular construction subject to engineering review

**BUILDING FURNISHINGS TO COMPLETE BUILDING**

1 – 36” X 60” Steel Desk, complete with shelving and drawers

1 – Chair for desk

1 – 36” X 72” Work Bench, non-conductive surface

1 – Adjustable Stool for Work Bench, adjusts 24”-30”, gray

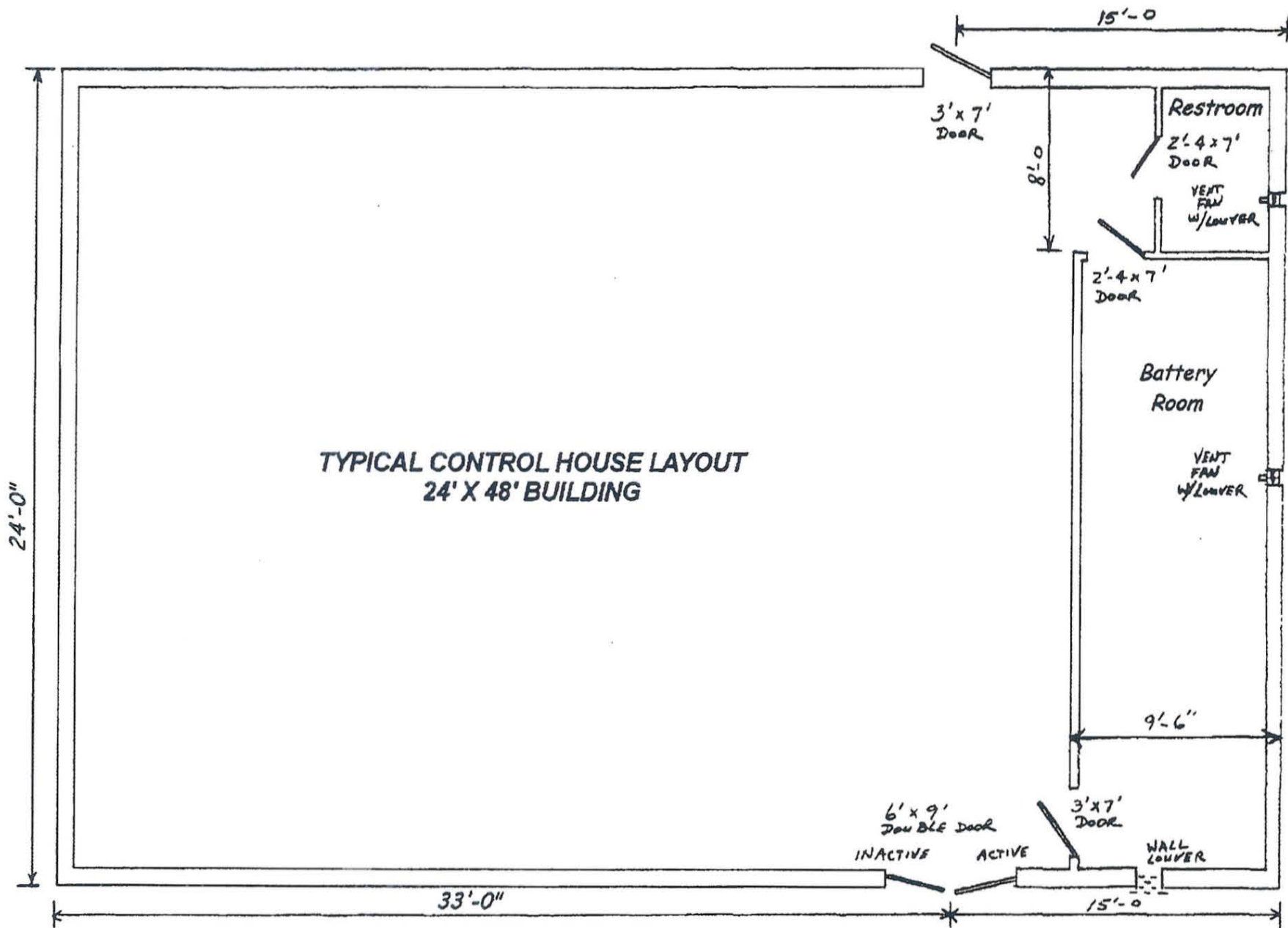
2 – Double-door storage cabinet, 36W X 18D X 72H

1 – 115 VAC Electric Clock

1 – Fire Extinguisher

1 – First Aid Kit

1 – Telephone with external ringer



TYPICAL CONTROL HOUSE LAYOUT  
24' X 48' BUILDING

TYPICAL CONTROL HOUSE LAYOUT  
DRAWING # 111504-H (NTS)

**EXHIBIT B.7**

**Tatanka 230 kV Interconnect Substation Control House Drawing**

