

Dean J. Miller *ISB #1968*  
McDEVITT & MILLER LLP  
420 West Bannock Street  
P.O. Box 2564-83701  
Boise, ID 83702  
Tel: 208.343.7500  
Fax: 208.336.6912  
[joe@mcdevitt-miller.com](mailto:joe@mcdevitt-miller.com)

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2005 DEC 28 PM 3:56  
IDAHO PUBLIC  
UTILITIES COMMISSION

*Attorneys for Cassia Gulch Wind Park LLC  
and Cassia Wind Farm LLC*

ORIGINAL

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE PETITION OF  
CASSIA WIND TO DETERMINE  
EXEMPTION STATUS

**Case No. IPC-E-05-35**

**SECOND AFFIDAVIT OF JARED  
GROVER**

STATE OF IDAHO )  
  :  
County of Ada        )

Jared Grover, being first duly sworn upon an oath, deposes and says:

1. Attached hereto as Exhibit D is the testimony and exhibits of Jared Grover in Idaho Public Utilities Commission Case No. IPC-E-05-22.
2. Attached hereto as Exhibit E is correspondence indicating completion of Feasibility Studies
3. Attached hereto as Exhibit F are cancelled checks indicating payment to Idaho Power Company for System Impact Studies.
4. Attached hereto as Exhibit G are pages from the Idaho Power Company website indicating status of interconnection applications.

5. Attached hereto as Exhibit H are summary pages of wind studies submitted to Idaho Power Company.

6. Attached hereto as confidential Exhibit I is correspondence to Idaho Power Company from John Deere Credit Company.

7. Attached hereto as confidential Exhibit J is correspondence to Idaho Power Company and a John Deere Credit Term Sheet.

8. Attached hereto as Exhibit K is correspondence regarding turbines.

9. Attached hereto as Exhibit L is correspondence relating to land use approvals.

10. Attached hereto as Exhibit M is e-mail correspondence to/from Idaho Power Company.

11. Attached hereto as Exhibit N is correspondence to/from Idaho Power Company.

12. Further your affiant sayeth not.

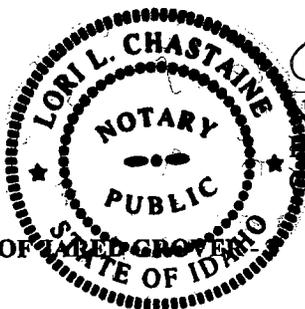
Dated this 28 day of December, 2005.

*Jared Grover*  
\_\_\_\_\_  
Jared Grover

State of Idaho            )  
                                  :SS  
County of Ada            )

On this 28<sup>th</sup> day of December, 2005, before me, the undersigned, a Notary Public in and said State, personally appeared Jared Grover, known or identified to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same, and that the statements therein contained are true to the best of his knowledge and belief.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official Seal the day and year in this certificate first above written.



*Lori L. Chastaine*  
\_\_\_\_\_  
Notary Public for IDAHO  
Residing at: Boise  
Commission Exp.: 9-21-06

SECOND AFFIDAVIT OF JARED GROVER

**CERTIFICATE OF SERVICE**

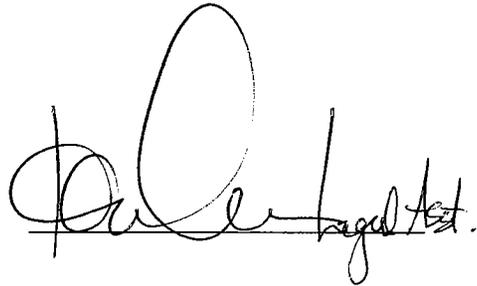
I hereby certify that on the 28<sup>th</sup> day of December, 2005, I caused to be served, via the method(s) indicated below, true and correct copies of the foregoing document, upon:

Jean Jewell, Secretary  
Idaho Public Utilities Commission  
472 West Washington Street  
P.O. Box 83720  
Boise, ID 83720-0074  
[jjewell@puc.state.id.us](mailto:jjewell@puc.state.id.us)

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email

Barton L. Kline  
Monica B. Moen  
Idaho Power Company  
1221 West Idaho Street  
P.O. Box 70  
Boise, ID 83707  
[BKline@idahopower.com](mailto:BKline@idahopower.com)  
[MMoen@idahopower.com](mailto:MMoen@idahopower.com)

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email



*Jared Grover*

Dean J. Miller *ISB #1968*  
McDEVITT & MILLER LLP  
420 West Bannock Street  
P.O. Box 2564-83701  
Boise, ID 83702  
Tel: 208.343.7500  
Fax: 208.336.6912  
[joe@mcdevitt-miller.com](mailto:joe@mcdevitt-miller.com)

*Attorneys for Magic Wind LLC, Cassia  
Wind Farm LLC and Cassia Gulch  
Wind Park LLC (Magic and Cassia)*

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FILED

2005 JUL 15 PM 4:19

IDAHO PUBLIC  
UTILITIES COMMISSION

ORIGINAL

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE PETITION OF  
IDAHO POWER COMPANY FOR AN  
ORDER TEMPORARILY SUSPENDING  
IDAHO POWER'S PURPA OBLIGATION TO  
ENTER INTO CONTRACTS TO PURCHASE  
ENERGY GENERATED BY WIND-  
POWERED SMALL POWER PRODUCTION  
FACILITIES.

Case No. IPC-E-05-22

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

DIRECT TESTIMONY OF JARED GROVER

- 1 Q. Please state your name and business address.
- 2 A. My name is Jared Grover and my business address is 3635 Kingswood  
3 Drive, Boise, Idaho 83704.
- 4 Q. What is your association with or relation to Cassia Wind Farm LLC and  
5 Cassia Gulch Wind Park LLC (collectively Cassia Wind) interveners in  
6 this case?
- 7 A. I am the owner and manager.
- 8 Q. Please describe your professional and business background.
- 9 A. I received my Masters of Accountancy –Taxation from Boise State  
10 University. I am a farmer in the Hagerman Idaho area. Because of high  
11 power rates in 2004, I could not afford to irrigate, and moved to Boise.  
12 With power rates high and not expected to substantially be reduced, I  
13 decided I would not be able to afford to irrigate another season and I sold  
14 my water rights on my farm. Now, the best use of my farm, and those  
15 around me, is to develop wind. I am currently working full-time  
16 developing these wind projects.
- 17 Q. Please describe the wind generation projects Cassia Wind is proposing to  
18 develop.
- 19 A. Cassia Wind is developing two wind projects in Twin Falls County. One  
20 is located on my farm, and the other is on another local farmer's land who  
21 has also sold his water rights. The wind projects total capacity will be  
22 18.9MW and 10.5MW.
- 23 Q. What is the intended date for the project to achieve commercial operation?

Grover, Di 1  
Magic Wind LLC



1 anemometers within 10 miles of the project. We have been collecting data  
2 from some of the towers for several years. From these anemometers, I  
3 have spent significant amounts of time and money compiling and  
4 analyzing the data. I have negotiated land lease contracts, and initiated the  
5 local permitting process. I have personally invested tens of thousands of  
6 dollars into the project. To facilitate achieving commercial operation by  
7 year end I traveled in and out of the state to meet with equipment  
8 manufacturers and potential investors. Long term financial projections  
9 have been created for the projects using the wind data, current turbine  
10 prices, financing rates, construction costs, and PURPA rates. Using these  
11 projections, private investors and bank loans have been found for  
12 financing. The investors are requiring a signed PPA before money is  
13 spent on further development such as ground preparation, or paying the  
14 large down payment required for delivery of the wind turbines. I have met  
15 with Idaho Power Co.'s engineers as part of the interconnection study. I  
16 am currently waiting for a completed interconnection agreement and a  
17 power purchase agreement.

18 Q. Has Cassia Wind submitted an Interconnection Applications to Idaho  
19 Power Company?

20 A. Yes. Attached to my testimony as Exhibit No. 602 is a correct copy of our  
21 submitted Interconnection Applications.

22 Q. Does submission of an Interconnection Application carry with it a  
23 financial commitment?

1           A.     Yes, according to Idaho Power Company procedures, a feasibility analysis  
2                     fee of \$10,000 or \$2000, depending on size, for each project must be paid  
3                     at the time the Application is submitted.

4           Q.     Did Cassia Wind pay the required fees?

5           A.     Yes it did.

6           Q.     Would Cassia Wind have submitted the Interconnection Applications and  
7                     paid the analysis fee if it did not seriously intend to complete the project?

8           A.     Absolutely Not. Submission of an Interconnection Application is a  
9                     substantial milestone in the development process. If the project was not  
10                    viable we would have abandoned the project at an earlier stage, perhaps  
11                    even before spending money on additional anemometer towers, meetings  
12                    and seminars to meet with and work with manufacturers and investors. I  
13                    am working full-time on these projects and I assure you that Cassia Wind  
14                    is very serious about making these projects a reality.

15          Q.     Has Cassia Wind requested to receive Firm Energy Sales Agreement from  
16                     Idaho Power Company?

17          A.     Yes. I have requested to receive Firm Energy Sales Agreement from  
18                     Idaho Power but have not yet received one. Upon submittal of my first  
19                     interconnection study application I followed the instructions outlined on  
20                     the Generation Interconnection Application. It says "Upon receipt of these  
21                     items, Idaho Power Company will notify you in writing of the applicable  
22                     contract application date and begin the process of drafting the appropriate  
23                     energy sales agreement for your review." (see page 2 of the application

Grover, Di     4  
Magic Wind LLC

1 instructions) I submitted the items and expected to receive a draft of an  
2 energy sales agreement. One application was submitted on 5/26/2005 and  
3 the other on 6/15/2005 (accepted by Idaho Power on 6/16/2005). On  
4 6/17/2005 I emailed my Idaho Power Contact Randy Alphin and again  
5 requested my PPA be started. I later called and left another message to  
6 which Randy called me back shortly. He explained that Idaho Power  
7 would not be signing any new contracts until the PUC had decided on this  
8 issue. Upon my request by email I was sent an email summarizing that  
9 part of our conversation.

10 Q. Have you had any other conversations relating to your Power Purchase  
11 Agreement?

12 A. Yes. I talked to Randy Alphin again and asked him if it were possible to  
13 negotiate a contract, even considering a lower price because my investors  
14 are wanting to continue with the project, or move on to other projects. I  
15 wanted to know if there was any way that I could get a signed contract.  
16 We discussed the possibility of negotiating a contract with a lower Rate in  
17 exchange for excluding or substantially reducing the 90/110 rule from the  
18 contract. The next day Randy called me and told me Idaho Power has  
19 decided to wait until after the PUC has decided on this case.

20 Q. In undertaking the development activities you have described, did Cassia  
21 Wind rely on the Commission's policies and procedures being stable and  
22 predictable?

1           A.    Yes. Much preparation on my part has been put into getting these projects  
2                    through the preliminary stages of data collection and economic feasibility.  
3                    Investors, manufacturers, and contractors have placed good faith in the  
4                    completion of these projects. All of us rely on the Commission  
5                    maintaining stable and predictable policies.

6           Q.    If the Commission were to grant Idaho Power's requested "temporary  
7                    suspension" could not Cassia Wind simply temporarily halt its  
8                    development efforts and then resume after the suspension terminated?

9           A.    No. It is important for the Commission to understand that although the  
10                   Company's request is phrased in terms of "temporary suspension" it is, in  
11                   effect, a death sentence for our projects. It would be very difficult to  
12                   restart these projects. The loss of the investors and turbines on this project  
13                   would not only leave a bad name on the Cassia Wind projects, but the very  
14                   economic fundamentals will change substantially. As explained earlier,  
15                   turbine prices continue to rise due to high demand and high steel prices.  
16                   Investors will be turned off by projects that look risky because it has  
17                   stopped before, and they will also not be interested if the PTC tax credits  
18                   are not available. In addition, part of the project financing is planned to be  
19                   based on bank loans. If interest rates continue to rise, as they are expected  
20                   to, the higher rates will substantially increase the expenses of the project  
21                   which will also discourage investors.

22           Q.    Does this conclude your testimony?

23           A.    Yes it does.

**CERTIFICATE OF SERVICE**

I hereby certify that on the 15<sup>th</sup> day of July, 2005, I caused to be served, via the method(s) indicated below, true and correct copies of the foregoing document, upon:

Jean Jewell, Secretary  
Idaho Public Utilities Commission  
472 West Washington Street  
P.O. Box 83720  
Boise, ID 83720-0074  
[jjewell@puc.state.id.us](mailto:jjewell@puc.state.id.us)

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email

Barton L. Kline  
Monica B. Moen  
Idaho Power Company  
1221 West Idaho Street  
P.O. Box 70  
Boise, ID 83707  
[BKline@idahopower.com](mailto:BKline@idahopower.com)  
[MMoen@idahopower.com](mailto:MMoen@idahopower.com)

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email

Linda Nordstrom  
PacifiCorp  
825 NE Multnomah, Suite 1800  
Portland, OR 97232  
[lisa.nordstrom@pacificorp.com](mailto:lisa.nordstrom@pacificorp.com)  
Fax: 503.813.7252

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email

Bob Lively  
Pacifcorp  
One Utah Center, 23<sup>rd</sup> Floor  
201 S. Main Street  
Salt Lake City, UT 84140  
[bob.lively@pacificorp.com](mailto:bob.lively@pacificorp.com)  
Fax: 801.220.2798

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email

William J. Batt  
John R. Hammond, Jr.  
Batt & Fisher, LLP  
U S Bank Plaza, 5<sup>th</sup> Floor  
101 South Capital Boulevard  
P.O. Box 1308  
Boise, ID 83701  
Fax: 208.331.2400

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email

Grover, Di 7  
Magic Wind LLC

Michael Heckler  
Director of Marketing & Development  
Windland Incorporated  
7669 West Riverside Drive, Suite 102  
Boise, ID 83714  
[mheckler@windland.com](mailto:mheckler@windland.com)  
Fax: 208.375.2894

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email

Peter J. Richardson  
James T. Carkulis  
Richardson & O'Leary PLLC  
99 East State Street  
P.O. Box 1849  
Eagle, ID 83616  
[peter@richardsonandoleary.com](mailto:peter@richardsonandoleary.com)  
Fax: 208.938.7904

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email

Glenn Ikemoto  
Principal  
Energy Vision, LLC  
672 Blair Avenue  
Piedmont, CA 94611  
[glenni@pacbell.net](mailto:glenni@pacbell.net)  
Fax: 510.217.2239

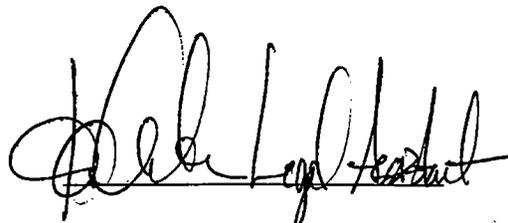
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U.S. Mail   
Fax   
Fed. Express   
Email

Richard L. Storro  
Director, Power Supply  
1411 E. Mission Ave.  
P.O. Box 3727, MSC-7  
Spokane, WA 99220-3727  
[dick.storro@avistacorp.com](mailto:dick.storro@avistacorp.com)  
Fax: 509.495.4272

Hand Delivered   
U.S. Mail   
Fax   
Fed. Express   
Email

R. Blair Strong  
Paine, Hamblen, Coffin, Brooke &  
Miller LLP  
717 West Sprague Ave., Suite 1200  
Spokane, WA 99201-3505  
[r.blair.strong@painehamblen.com](mailto:r.blair.strong@painehamblen.com)  
Fax: 509.838.0007

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Email



Grover, Di 8  
Magic Wind LLC



# Interconnection Application for Small Generators <20 MW

Date received by Idaho Power Company  
**RECEIVED**  
6/15/05

**1. Project Name**

CASSIA GULCH Wind Park

**2. Description of Project**

18.9 MW Wind Park

**3. Proposed In-Service Date**

Dec 2005

**4. Total Project Name Plate Rating**

18.9 MW (in kW or MW) (If multiple units at same location, add name plate ratings of each unit together)

**5. Energy Output (current intention)**

- Sell energy output to Idaho Power Company (If this is a PURPA, Qualifying Facility (QF), please attach a copy of the FERC-QF certification)
- Transport energy output outside of the Idaho Power Company Service Territory
- Net Metering       Other (Please describe)

**6. Initial Feasibility Analysis Fee**

Based upon Total Project Name Plate Rating (kW), the initial feasibility analysis fee will be:

Less than 1,000 kW-\$100       1,000 thru 10,000 kW-\$2,000       Greater than 10,000 kW-\$10,000

This fee will be applied to the costs of processing this application for interconnection and for the initial feasibility analysis. In the event the actual costs of the initial feasibility analysis exceed this fee, the applicant will be responsible to pay all additional costs. If after the initial feasibility analysis is completed, the applicant decides to proceed with this project, additional detailed system impact study costs, all interconnection costs, and any other applicable processing fees will be the obligation of the applicant.

**7. Project Location (Please provide sketch or map)**

General Location <i>Bell Rapids / Hagerman Area</i>			
State <i>Idaho</i>	County <i>Twin Falls</i>	Township	
Range	Quarter <i>06S12E22</i>	Section <i>See map attached</i>	
OR Street Address <i>09 06S12E27</i>			
Nearest Intersection <i>See attached map</i>			

**8. Project Owner/Developer**

Company			
Contact <i>Jared Grover</i>			
Mailing Address <i>3635 Kingswood Drive</i>			
Mailing Address			
City <i>Boise</i>	State <i>ID</i>	Zip <i>83704</i>	
Phone <i>(208) 371 4066</i>	Fax <i>(208) 323 6155</i>		

Note: This application is an interconnection request, not a request for transmission service. This application does not address the requirements for additional studies and/or upgrades for any transmission services that might be required for delivery of energy to a purchaser other than Idaho Power Company. Under our Open Access Transmission Tariff rules, procedures for obtaining transmission service are posted on our OASIS site at: <http://oasis.idahopower.com>.

**Owner/Authorized Agent**

Name (Type or Print) <i>JARED GROVER</i>	Signature: <i>Jared Grover</i>
Title and Company	Date <i>June 15 2005</i>

**COPY**

Exhibit 602  
Page 1 of 8



# Project Description Questionnaire for Small Generators <20 MW

Date received by Idaho Power Company

**1. Project Name**

CASSIA GULCH Wind Park

**2. Description of Energy Source**

<input type="checkbox"/> Hydro	FERC License No. or FERC exemption No.	
<input checked="" type="checkbox"/> Wind	Unit Size(s) 2.1 MW kW	Number of Units 9
<input type="checkbox"/> Geothermal		
<input type="checkbox"/> Biomass or Waste	Type of Fuel	Source of Fuel
<input type="checkbox"/> Thermal	Fuel	
<input type="checkbox"/> Other		

**3. Generation Data**

Estimated Annual Generation ((kWh)	Estimated Project Capacity (kW) (If the Estimated Project Capacity is less than 100 kW, proceed to item 5 of this questionnaire)					
<b>Non-Dispatchable Plant: Expected Energy Deliveries (kWh)</b>						
	Jan	Feb	Mar	Apr	May	Jun
Heavy Load						
Light Load						
	Jul	Aug	Sep	Oct	Nov	Dec
Heavy Load						
Light Load						
(Heavy load hours are 7:00 a.m. to 11:00 p.m., Monday—Saturday. All day Sunday are light hours)						
<b>Dispatchable Plant: Project Capacity Dispatchability (kW)</b>						
	Jan	Feb	Mar	Apr	May	Jun
Total kW						
Dispatchable kW						
	Jul	Aug	Sep	Oct	Nov	Dec
Total kW						
Dispatchable kW						
<b>Minimum Baseload Energy to be Delivered (kWh)</b>						
	Jan	Feb	Mar	Apr	May	Jun
Heavy Load						
Light Load						
	Jul	Aug	Sep	Oct	Nov	Dec
Heavy Load						
Light Load						
(Heavy load hours are 7:00 a.m. to 11:00 p.m., Monday—Saturday. All day Sunday are Light load hours)						

#### 4. Generation Facilities

Maximum Capabilities	kVa	kW	KVAR
----------------------	-----	----	------

A) Type			
<input type="checkbox"/> Synchronous	Total Capacity	kW (Unity Power Factor)	
	Power Factor Range		
<input type="checkbox"/> Induction	Total Capacity	kW (At _____ Power Factor)	
<input type="checkbox"/> DC Generator with Inverter	Total Capacity	kW	

B) Generator Data			
Make	Model		
Number of Units	Winding	<input type="checkbox"/> Delta	<input type="checkbox"/> Wye
Voltage			
<b>Note:</b> In multiple unit installations, if all generators are not of the same type, capacity, etc., list each unit separately.			

C) Inverter (Wave form data must be provided)			
Make	Model		
Voltage Rating	Output Rating	kVA	
Number of Phases			

D) Step Up Transformers: Idaho Power will specify the connection and high-side voltage.			
Will Idaho Power supply, own, and maintain the step up transformers? <input type="checkbox"/> No <input type="checkbox"/> Yes			
Size	kVA	Voltage	
<input type="checkbox"/> Pad Mount	<input type="checkbox"/> Pole Mount		

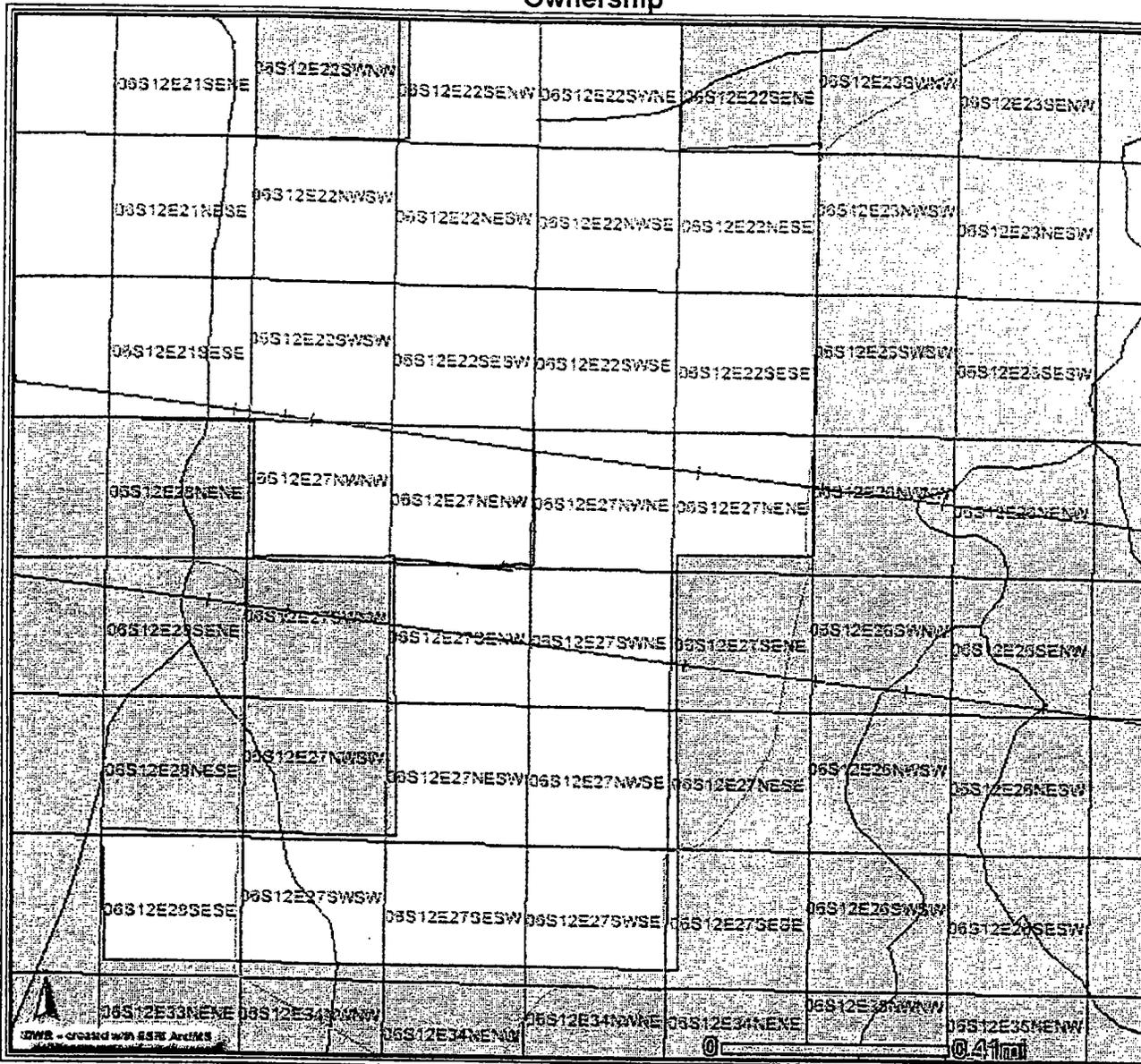
#### 5. Single Line Diagram

Provide a generation facility single-line diagram showing all unit protection and control equipment with this application.

#### 6. Other pertinent data (Please list and attach additional pages)


<b>Submitted by</b>	
Name (Type or Print) <i>Jared Grover</i>	Signature <i>Jared Grover</i>
Title and Company	Date <i>June 15 2004</i>

### Ownership

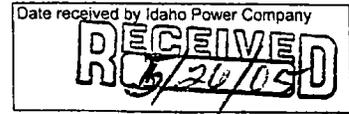


The Idaho Department of Water Resources is maintaining this web site as a public service. Persons using information from this site for official purposes completeness are required, are hereby notified that they should first verify the information with the public records or other primary sources from which it

*This is the area the interconnection would be. the Turbines may be outside of this area as well*



# Interconnection Application for Small Generators <20 MW

**1. Project Name**

Cassia Wind Farm

**2. Description of Project****3. Proposed In-Service Date**

mid 2006

**4. Total Project Name Plate Rating**

1.5 MW (in kW or MW) (If multiple units at same location, add name plate ratings of each unit together)

**5. Energy Output (current intention)**

- Sell energy output to Idaho Power Company (If this is a PURPA, Qualifying Facility (QF), please attach a copy of the FERC-QF certification)
- Transport energy output outside of the Idaho Power Company Service Territory
- Net Metering       Other (Please describe)

**6. Initial Feasibility Analysis Fee**

Based upon Total Project Name Plate Rating (kW), the initial feasibility analysis fee will be:

- Less than 1,000 kW-\$100
- 1,000 thru 10,000 kW-\$2,000
- Greater than 10,000 kW-\$10,000

This fee will be applied to the costs of processing this application for interconnection and for the initial feasibility analysis. In the event the actual costs of the initial feasibility analysis exceed this fee, the applicant will be responsible to pay all additional costs. If after the initial feasibility analysis is completed, the applicant decides to proceed with this project, additional detailed system impact study costs, all interconnection costs, and any other applicable processing fees will be the obligation of the applicant.

**7. Project Location (Please provide sketch or map)**

General Location <i>Bell Rapids - Hagerman</i>			
State <i>IDAHO</i>	County <i>Twin Falls</i>	Township	
Range	Quarter <i>06512E 27</i>	Section <i>5</i>	
OR Street Address <i>see attached map</i>			
Nearest Intersection			

**8. Project Owner/Developer**

Company			
Contact <i>Jared Grover</i>			
Mailing Address <i>3635 Kingswood Drive</i>			
Mailing Address			
City <i>Boise</i>	State <i>ID</i>	Zip <i>83704</i>	
Phone <i>(208) 371 4066</i>	Fax <i>(208) 323 6155</i>		
<small>Note: This application is an interconnection request, not a request for transmission service. This application does not address the requirements for additional studies and/or upgrades for any transmission services that might be required for delivery of energy to a purchaser other than Idaho Power Company. Under our Open Access Transmission Tariff rules, procedures for obtaining transmission service are posted on our OASIS site at: <a href="http://oasis.idahopower.com">http://oasis.idahopower.com</a>.</small>			

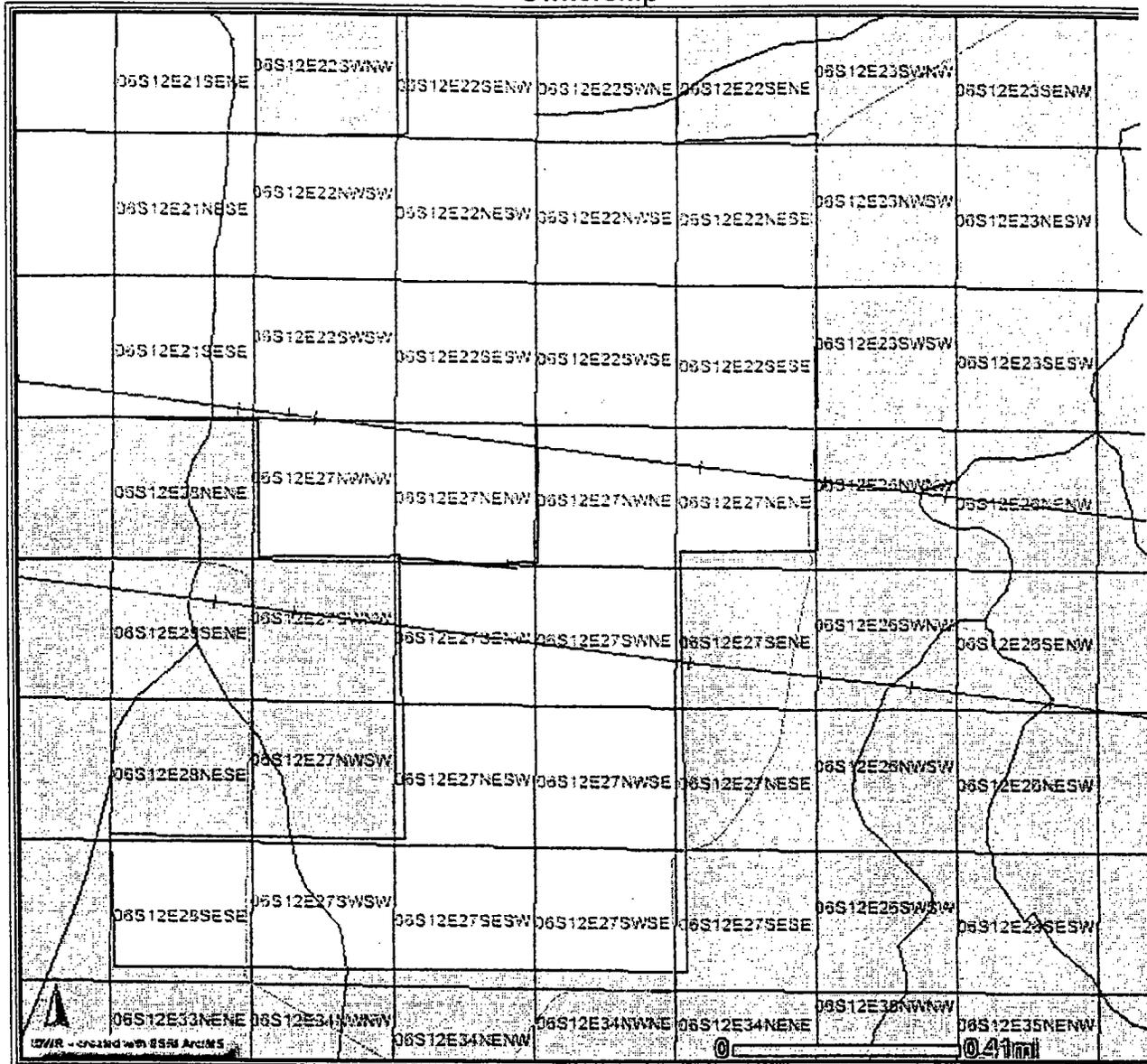
**Owner/Authorized Agent**

Name (Type or Print) <i>Jared Grover</i>	Signature: <i>Jared Grover</i>
Title and Company	Date <i>May 24 2005</i>

**COPY**

Exhibit 602  
Page 5 of 8

### Ownership



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## Project Description Questionnaire for Small Generators <20 MW

Date received by Idaho Power Company

**1. Project Name**

Cassia Wind Farm

**2. Description of Energy Source**

<input type="checkbox"/> Hydro	FERC License No. or FERC exemption No.		
<input checked="" type="checkbox"/> Wind	Unit Size(s) <b>1-2.5 MW kW</b>	Number of Units <b>?</b>	
<input type="checkbox"/> Geothermal			
<input type="checkbox"/> Biomass or Waste	Type of Fuel	Source of Fuel	
<input type="checkbox"/> Thermal		Fuel	
<input type="checkbox"/> Other			

**3. Generation Data**

Estimated Annual Generation ((kWh)	Estimated Project Capacity (kW) <small>(If the Estimated Project Capacity is less than 100 kW, proceed to item 5 of this questionnaire)</small>					
<b>Non-Dispatchable Plant: Expected Energy Deliveries (kWh)</b>						
	Jan	Feb	Mar	Apr	May	Jun
Heavy Load						
Light Load						
	Jul	Aug	Sep	Oct	Nov	Dec
Heavy Load						
Light Load						
<small>(Heavy load hours are 7:00 a.m. to 11:00 p.m., Monday—Saturday. All day Sunday are light hours)</small>						
<b>Dispatchable Plant: Project Capacity Dispatchability (kW)</b>						
	Jan	Feb	Mar	Apr	May	Jun
Total kW						
Dispatchable kW						
	Jul	Aug	Sep	Oct	Nov	Dec
Total kW						
Dispatchable kW						
<b>Minimum Baseload Energy to be Delivered (kWh)</b>						
	Jan	Feb	Mar	Apr	May	Jun
Heavy Load						
Light Load						
	Jul	Aug	Sep	Oct	Nov	Dec
Heavy Load						
Light Load						
<small>(Heavy load hours are 7:00 a.m. to 11:00 p.m., Monday—Saturday. All day Sunday are Light load hours)</small>						

**4. Generation Facilities**

Maximum Capabilities	kVa	kW	KVAR
----------------------	-----	----	------

A) Type			
<input type="checkbox"/> Synchronous	Total Capacity	kW (Unity Power Factor)	
	Power Factor Range		
<input type="checkbox"/> Induction	Total Capacity	kW (At _____ Power Factor)	
<input type="checkbox"/> DC Generator with Inverter	Total Capacity	kW	

B) Generator Data			
Make		Model	
Number of Units		Winding	<input type="checkbox"/> Delta <input type="checkbox"/> Wye
Voltage			
<b>Note:</b> In multiple unit installations, if all generators are not of the same type, capacity, etc., list each unit separately.			

C) Inverter (Wave form data must be provided)			
Make		Model	
Voltage Rating		Output Rating	kVA
Number of Phases			

D) Step Up Transformers: Idaho Power will specify the connection and high-side voltage.			
Will Idaho Power supply, own, and maintain the step up transformers? <input type="checkbox"/> No <input type="checkbox"/> Yes			
Size	kVA	Voltage	
<input type="checkbox"/> Pad Mount	<input type="checkbox"/> Pole Mount		

**5. Single Line Diagram**

Provide a generation facility single-line diagram showing all unit protection and control equipment with this application.

**6. Other pertinent data (Please list and attach additional pages)**


<b>Submitted by</b>			
Name (Type or Print)	Jared Grover	Signature	<i>Jared Grover</i>
Title and Company		Date	May 24 2005

Exhibit 602  
Page 8 of 8



IDAHO POWER COMPANY  
P.O. BOX 70  
BOISE, IDAHO 83707

November 10, 2005

Jared Grover  
4219 N Creswell  
Boise ID 83713

RE: Cassia Gulch Wind Park Project

Dear Mr. Grover:

Attached is the Final Feasibility Study Report for the above-referenced Project. The Feasibility analysis indicates that modification/addition of some facilities will be required to integrate the network resource capacity addition of your Project into the Idaho Power system.

We require further study to evaluate the system integration requirements for this Project, along with the facilities' physical constraints. Attached please find a Draft Interconnection System Impact Study Agreement that describes the studies required to meet this request, the responsibilities and obligations of both parties, and the work schedules required.

In order to proceed with this application, we must receive notice from you within 30 Calendar Days of receipt of this letter, otherwise your application will be deemed withdrawn. Please contact me if you have any questions.

Sincerely,

Ben Hendry  
Transmission & Distribution Planning

Cc: Dave Angell/IPC

Attachments

Feasibility Study Report  
Interconnection System Impact Study Agreement



IDAHO POWER COMPANY  
P.O. BOX 70  
BOISE, IDAHO 83707

October 4, 2005

Jared Grover  
3635 Kingswood Drive  
Boise, Idaho 83704

Subject: Cassia Wind Park Feasibility Study Results

Dear Mr. Grover,

Date of Request	Location	Amount	Requested In-Service Date
May 25, 2005	Bell Rapids – Hagerman Twin Falls County, Idaho	10.5 MW	Mid 2006

This letter is to inform you of the progress of your Generation Interconnection request referenced above. The Feasibility Analysis of the proposed project indicates that feeder alterations are required to integrate your generation at the proposed location per our system analysis. The results of the study are attached in the Generator Interconnection Feasibility Study, Final Report. A System Impact Study is required for this project. A System Impact Study Agreement will be provided to you by Rowena Bishop.

Please call me at (208) 388-2701 if you have questions about the results of this study.

Sincerely,

David Angell  
Engineering Leader  
Transmission & Distribution Planning

Enclosure

cc: Ben Hendry  
Loomis, Lisa  
Bishop, Rowena

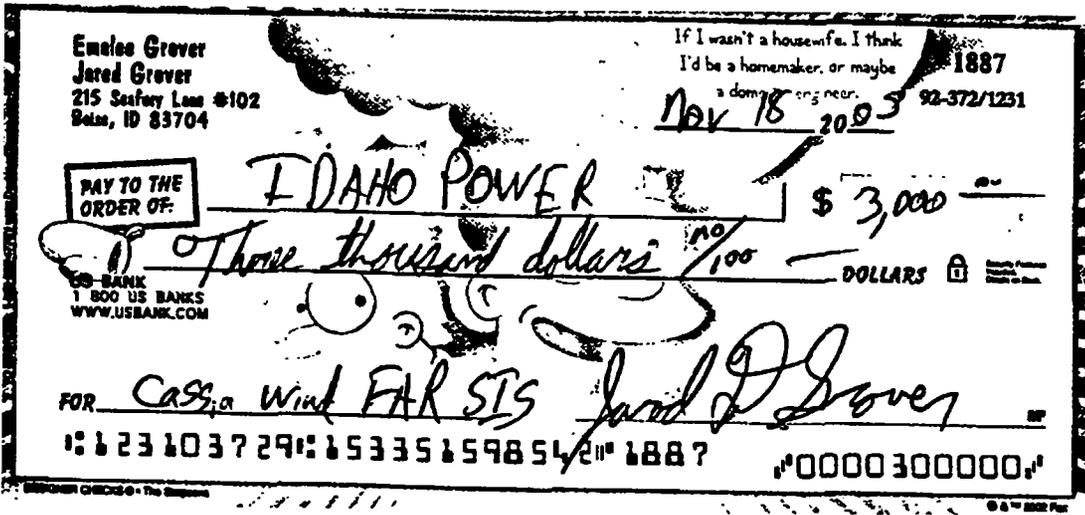


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Account #: 153351598542 Date Processed: 12/23/05 Check #: 1887 Amount: \$3,000.00



The security of your money is our top priority. We use the most advanced security features to protect your money. We use the most advanced security features to protect your money. We use the most advanced security features to protect your money.

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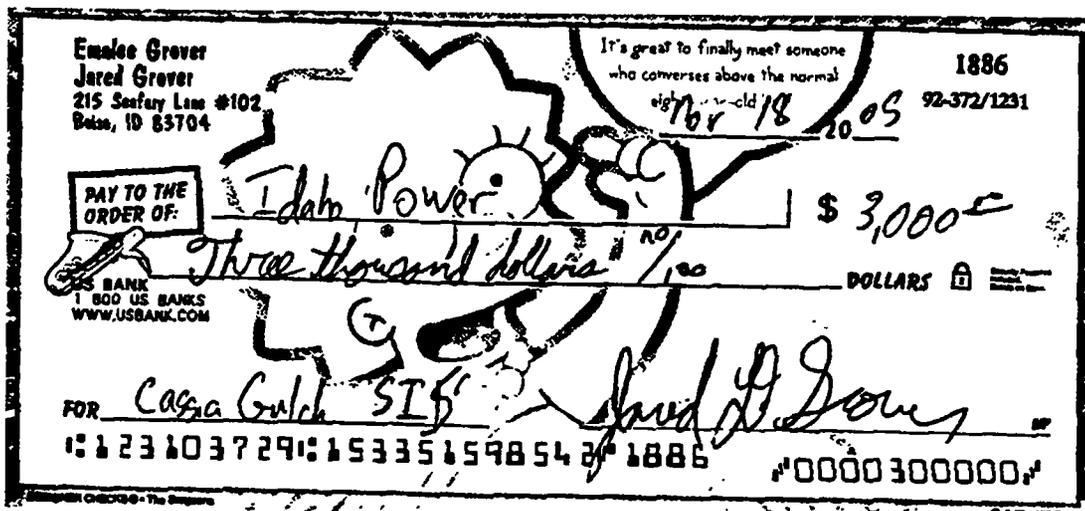


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## Small Generator Interconnection Application List

- Employment
- Company Information
- Community
- Regulatory Information
- Doing Business With Us
- Purchasing Terms Generation
- Interconnect Application List
- Idaho Power Solutions
- Transmission Services
- RFP
- Ancillary Services

Below is the most current information for active small generator interconnection applications (less than 20 MW) within the Idaho Power system.

Related Link: [Large Generators greater than 20 Megawatts](#)

Last Updated on: 12/23/2005

Queue	Date Received	Status	Type	Location	In Service Changes
154	12/12/2005	New	PURPA	Twin Falls County	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	2.3 MW	Tbd	04/01/2007	12/23/05
<b>Related Studies</b>	<b>Facility</b>	<b>Why Not Completed</b>	<b>Study Timeline Change</b>	<b>Study Reports</b>	
NA	Hydro	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
151	08/29/2005	New	Net Metering	Twin Falls County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	25 kW	Distribution Feeder	02/01/2006	12/09/05
<b>Related Studies</b>	<b>Facility</b>	<b>Why Not Completed</b>	<b>Study Timeline Change</b>	<b>Study Reports</b>	
NA	Hydro	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
150	08/16/2005	Construction	Net Metering	Bannock County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	500 kW	Distribution Feeder	03/01/2006	12/09/05
<b>Related Studies</b>	<b>Facility</b>	<b>Why Not Completed</b>	<b>Study Timeline Change</b>	<b>Study Reports</b>	
NA	Wind	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
149	08/11/2005	Construction	Net Metering	Owyhee County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>

NA	NA	20kW	Distribution Feeder	02/01/2006	12/09/05
<b>Related Studies</b>	<b>Facility</b>	<b>Why Not Completed</b>	<b>Study Timeline Change</b>	<b>Study Reports</b>	
NA	Wind	NA	NA	NA	
<b>Queue</b>	<b>Date Received</b>	<b>Status</b>	<b>Type</b>	<b>Location</b>	<b>In Service Changes</b>
147	07/25/2005	Construction	Net Metering	Elmore County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	2.5 kW	Distribution Feeder	01/31/2006	12/09/05
<b>Related Studies</b>	<b>Facility</b>	<b>Why Not Completed</b>	<b>Study Timeline Change</b>	<b>Study Reports</b>	
NA	Wind	NA	NA	NA	
<b>Queue</b>	<b>Date Received</b>	<b>Status</b>	<b>Type</b>	<b>Location</b>	<b>In Service Changes</b>
135	06/17/2005	Feasibility	PURPA	Twin Falls County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	18.9 MW	34.5KV Distribution Feeder	12/25/2005	12/06/05
<b>Related Studies</b>	<b>Facility</b>	<b>Why Not Completed</b>	<b>Study Timeline Change</b>	<b>Study Reports</b>	
NA	Wind	NA	NA	NA	
<b>Queue</b>	<b>Date Received</b>	<b>Status</b>	<b>Type</b>	<b>Location</b>	<b>In Service Changes</b>
134	06/16/2005	System Impact	PURPA	Twin Falls County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	18.9 MW	Fossil Gulch Distribution Feeder	12/01/2005	12/06/05
<b>Related Studies</b>	<b>Facility</b>	<b>Why Not Completed</b>	<b>Study Timeline Change</b>	<b>Study Reports</b>	
NA	Wind	NA	NA	NA	
<b>Queue</b>	<b>Date Received</b>	<b>Status</b>	<b>Type</b>	<b>Location</b>	<b>In Service Changes</b>
133	06/15/2005	Facility Study	PURPA	Ada County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	3.2 MW	12.5KV Distribution Feeder	05/10/2006	12/06/05
<b>Related Studies</b>	<b>Facility</b>	<b>Why Not Completed</b>	<b>Study Timeline Change</b>	<b>Study Reports</b>	
NA	Other	NA	NA	NA	
<b>Queue</b>	<b>Date Received</b>	<b>Status</b>	<b>Type</b>	<b>Location</b>	<b>In Service Changes</b>
132	06/13/2005	Feasibility	PURPA	Ada County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	1.7 MW	Tbd	05/01/2006	12/06/05



Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Hydro	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
131	06/08/2005	Construction	Net Metering	Blaine County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	1.2 kW	Distribution Feeder	01/31/2006	12/09/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	PV	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
130	06/08/2005	Construction	Net Metering	Blaine County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	4.5 kW	Distribution Feeder	01/31/2006	12/09/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	PV	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
129	06/07/2005	Feasibility	PURPA	Twin Falls County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	10 MW	138kV	07/01/2006	12/06/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Wind	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
128	05/26/2005	System Impact	PURPA	Twin Falls County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	10.5 MW	Fossil Gulch Distribution Feeder	07/01/2006	12/06/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Wind	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
127	05/26/2005	Facility Study	NR	Bannock County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	125 kW	Distribution Feeder	03/01/2006	12/06/05



Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	CT	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
126	05/23/2005	Construction	Net Metering	Gooding County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	20 kW	Distribution Feeder	03/01/2006	12/09/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Wind	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
123	03/23/2005	Construction	NR	Blaine County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	10 kW	Distribution Feeder	07/01/2006	12/09/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	PV	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
122	03/03/2005	Construction	NR	Bingham County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	25 kW	Distribution Feeder	04/01/2006	12/09/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Wind	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
116	01/13/2005	Facility Study	PURPA	Twin Falls County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	10.5 MW	138kV Bliss/King	10/01/2005	12/06/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Wind	NA	NA	NA	
Queue	Date Received	Status	Type	Location	In Service Changes
115	12/02/2004	Facility Study	Net Metering	Twin Falls County, ID	NA
Max Summer	Max Winter	Total Project Size	POI	In Service	Date Updated
NA	NA	125 kW	13kV Distribution Feeder	02/01/2006	12/09/05

Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Wind	NA	NA	NA	
<b>Queue</b>	<b>Date Received</b>	<b>Status</b>	<b>Type</b>	<b>Location</b>	<b>In Service Changes</b>
<b>114</b>	11/16/2004	Facility Study	PURPA	Gooding County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	8.5 MW	34.5 Distribution Feeder	04/01/2006	12/06/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Other	NA	NA	NA	
<b>Queue</b>	<b>Date Received</b>	<b>Status</b>	<b>Type</b>	<b>Location</b>	<b>In Service Changes</b>
<b>105</b>	03/18/2004	Construction	PURPA	Cassia County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	10 MW	Milner Distribution Feeder	05/15/2006	12/06/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Wind	NA	NA	NA	
<b>Queue</b>	<b>Date Received</b>	<b>Status</b>	<b>Type</b>	<b>Location</b>	<b>In Service Changes</b>
<b>98</b>	10/20/2003	Construction	PURPA	Gem County, ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	17.5MW	Boise Cascade Emmett 69kV Sub	06/01/2006	12/06/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Other	NA	NA	NA	
<b>Queue</b>	<b>Date Received</b>	<b>Status</b>	<b>Type</b>	<b>Location</b>	<b>In Service Changes</b>
<b>48</b>	06/20/2001	Construction	PURPA	Twin Falls County ID	NA
<b>Max Summer</b>	<b>Max Winter</b>	<b>Total Project Size</b>	<b>POI</b>	<b>In Service</b>	<b>Date Updated</b>
NA	NA	500 kW	46kV Twin Falls Sub-Buhl Sub	03/01/2006	12/06/05
Related Studies	Facility	Why Not Completed	Study Timeline Change	Study Reports	
NA	Hydro	NA	Waiting On Long Lead Time Eq	NA	

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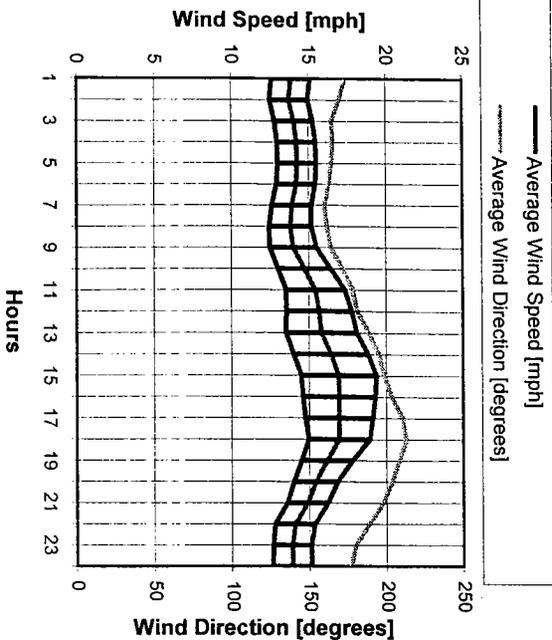
**Generator Interconnection Applications for Large Generators >20 MW**

	Date of Request	Status of Request	Service Type NR or ER	Location	Max Summer output	Max Winter output	Total (MW)	Station or Trans Line where interconn will be made	Projected In-service Date	Known deviations to In-service date.	Availability of related studies	Type of facility (combined cycle, base load, CT, fuel type)	If not completed- explanation	Deviations from study timelines	Study reports posted subsequent to meeting & discussion of results.
88	4/21/2003	SISA	NR	Elmore County	164	177.4	171.70	Danskin Substation	4/1/2007	0	0	CT	0	0	0
117	1/13/2005	FSA	NR	Twin Falls County	0	0	101.50	138kV Bliss-King	10/31/2005	0	0	Wind	0	0	0
120	1/31/2005	Feasibility	NR/ER	Union County, OR	0	0	250.20	Brownlee/Quartz 230 kV line	10/15/2006	0	0	Wind	0	0	0
121	2/22/2005	SISA	NR	Cassia County	240	240	240.00	Minidoka-Adelaide 138kV line	12/1/2006	0	0	Wind	0	0	0
125	4/26/2005	Feasibility	NR	Malheur County, OR	90	90	90.00	Ontario Substation	12/31/2006	0	0	CT	0	0	0
136	6/23/2005	SISA	NR	Twin Falls County	0	0	64.00	Cliff Substation	9/30/2010	0	0	Hydro	0	0	0
137	7/8/2005	SISA	NR	Elmore County	91	99	99.00	Bennett Mtn	4/1/2007	0	0	CT	0	0	0
138	7/8/2005	SISA	NR	Elmore County	170	196	196.00	Bennett Mtn	4/1/2007	0	0	CT	0	0	0
139	7/8/2005	SISA	NR	Elmore County	100	124	124.00	Bennett Mtn	4/1/2007	0	0	CT	0	0	0
142	7/8/2005	SISA	NR	Canyon County	174	200	200.00	Garnet Substation	4/1/2007	0	0	CT	0	0	0
143	7/8/2005	SISA	NR	Canyon County	86	94	94.00	Garnet Substation	4/1/2007	0	0	CT	0	0	0
144	7/8/2005	SISA	NR	Ada county	174	200	200.00	Boise Bench Caldwell 230 kV tap	4/1/2007	0	0	CT	0	0	0
145	7/8/2005	SISA	NR	Ada county	73.1	85	85.00	Boise Bench Caldwell 230 kV tap	4/1/2007	0	0	CT	0	0	0
146	7/11/2005	Feasibility	NR	Jerome County	0	0	725.00	Midpoint 500 kV Substation	6/1/2011	0	0	Coal	0	0	0
152	10/28/2005	Feasibility	NR	Power County	0	0	90.00	138kV American Falls area tbd	9/1/2006	0	0	wind	0	0	0

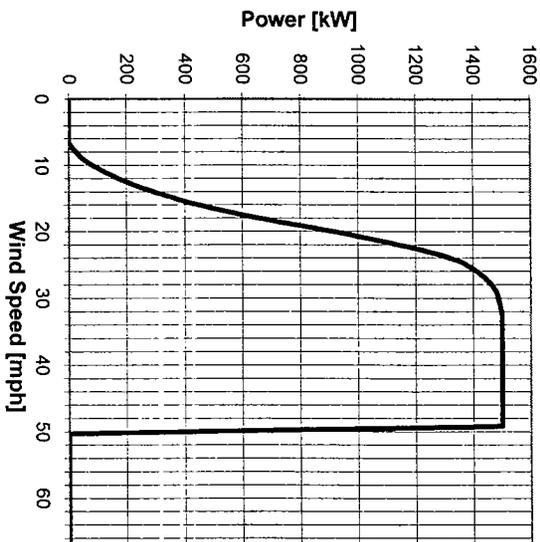
**Generator Interconnection Applications for Large Generators >20 MW**

Date of Request	Status of Request	Service Type NR or ER	Location	Max Summer output	Max Winter output	Total (MW)	Station or Trans Line where interconn will be made	Projected In-Service Date	Known deviations to In-service date.	Availability of related studies	Type of facility (combined cycle, base load, CT, fuel type)	If not completed- explanation	Deviations from study timelines	Study reports posted subsequent to meeting & discussion of results.
153	11/28/2005	New	Twin Falls County	0	0	90.00	tbd	12/31/2007	0	0	wind	0	0	0
<b>last update 12/7/2005</b>														
<b>Glossary of terms</b>														
SISA	System Impact Study													
NR	Network Resource													
ER	Energy Resource													
Feasibility	Feasibility Study													
FSA	Facility Study Agreement													
NOTE: The Interconnection queue for Generators < 20MW is located at <a href="http://idahopower.com/aboutus/business/generation/interconnect/">http://idahopower.com/aboutus/business/generation/interconnect/</a>														

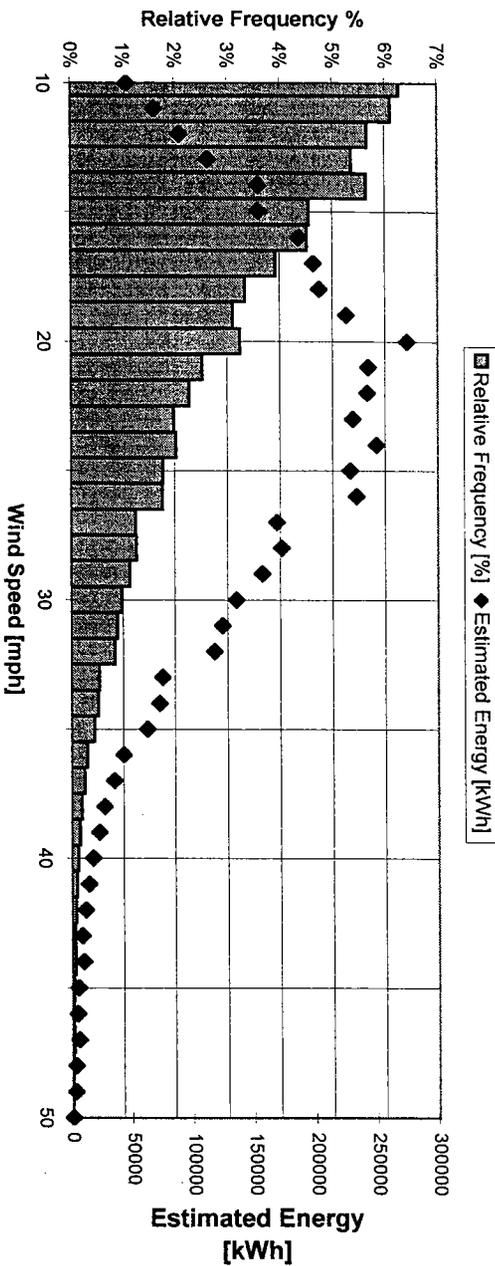
### Diurnal Wind Speed Pattern



### GE 1.5 SL, 77m rotor,



### Frequency Distribution Graph



### Statistics

Days Used in Calculation: 392.17  
 Hours Used in Calculation: 9412.17  
 Gust Speed: 54.4 mph  
 Gust Time: #####  
 Estimated Energy Output: 4475096 kWh  
 Calculated Air Density: 1.112 kg/m<sup>3</sup>  
 Average Wind Speed: 14.99 mph  
 Average Wind Direction: 183 degrees  
 Capacity Factor: 0.32  
 Turbine Manufacturer: GE Wind Energy  
 Turbine Model: GE 1.5 SL, 77m rotor,  
 Turbine Rating: 1500 kW  
 Estimated Annual Production: 4165018 kWh/Year  
 Scaled Est. Annual Production: 4700473 kWh/Year  
 Scaled Air Density: 1.104 kg/m<sup>3</sup>  
 Scaled Capacity Factor: 0.36

# Wind Analysis Summary Report

Site Number

1

## Site Information

Project: Cassia Wind  
 Location: Grover Farm  
 Site Elevation: 3400 ft  
 Averaging Time: 10 min.

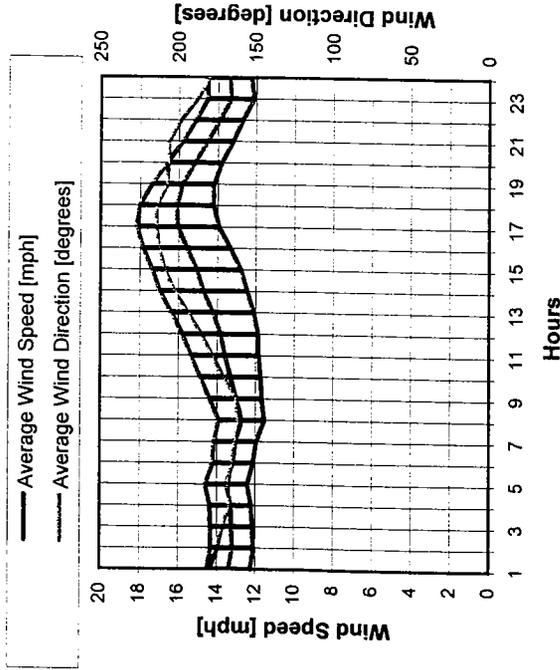
## Sensor Information

Sensor/Tower Height: 164 ft  
 Scaled Height: 262 ft  
 Windvane Offset: degrees

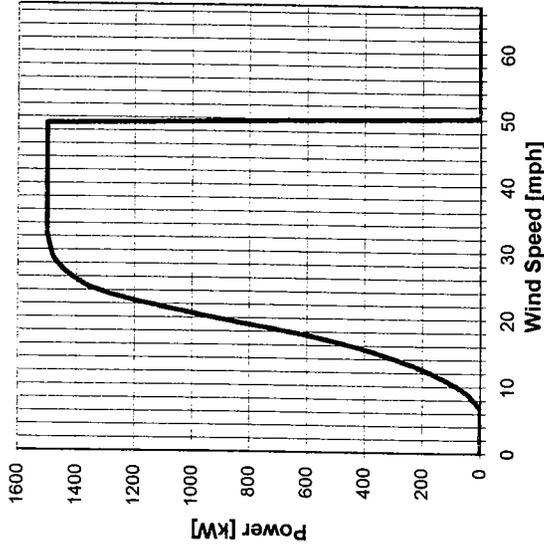
## Wind Rose Graph

Date Range: 3/17/04 6:30-5/20/05 12:40

### Diurnal Wind Speed Pattern



### GE 1.5 SL, 77m rotor,



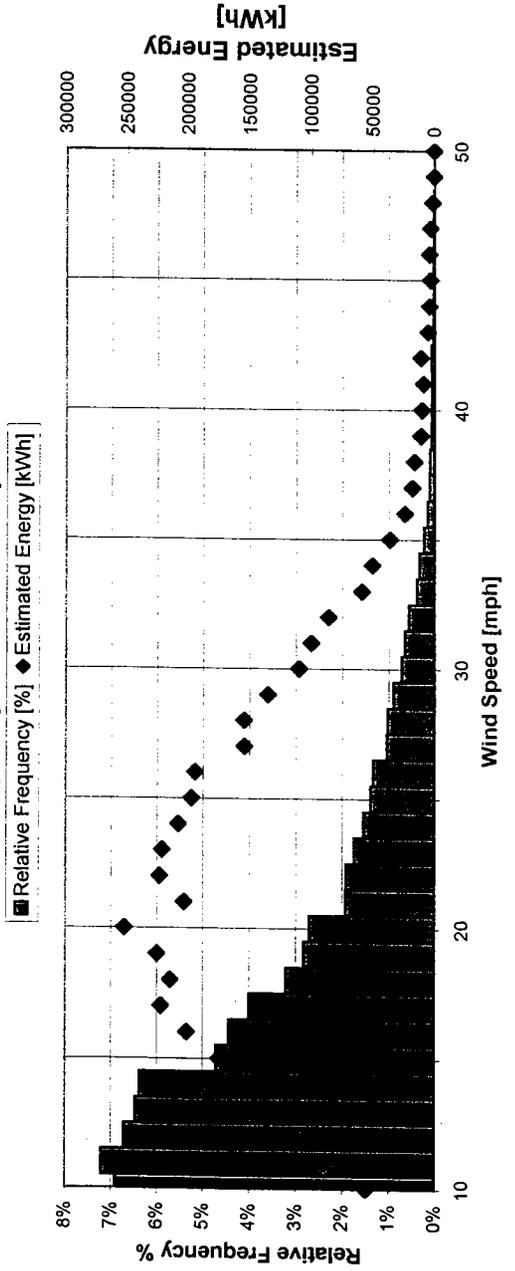
Drag wind rose picture here and size for best viewing.

Percent of Total Wind Energy Inner Circle = 0%  
 Percent of Total Time Outer Circle = 70%

## Statistics

Days Used in Calculation: 429.05  
 Hours Used in Calculation: 10297.17  
 Gust Speed: 56.59109 mph  
 Gust Time: 4/7/2005 17:20  
 Estimated Energy Output: 4194827 kWh  
 Calculated Air Density: 1.101 kg/m<sup>3</sup>  
 Average Wind Speed: 14.05 mph  
 Average Wind Direction: 187 degrees  
 Capacity Factor: 0.27  
 Turbine Manufacturer: GE Wind Energy  
 Turbine Model: GE 1.5 SL, 77m rotor,  
 Turbine Rating: 1500 kW  
 Estimated Annual Production: 3568621 kWh/Year  
 Scaled Est. Annual Production: 4095499 kWh/Year  
 Scaled Air Density: 1.094 kg/m<sup>3</sup>  
 Scaled Capacity Factor: 0.31

### Frequency Distribution Graph



(Feb 03 - Mar 04)

Days in File	392.17
Hours in File	9412.17
Average Wind Speed [mph]	14.99
Average Wind Direction	182.61
Maximum Wind Speed [mph]	54.4
Maximum Wind Speed Time	9/12/2003 9:30
Minimum Wind Speed [mph]	0.80
Minimum Wind Speed Time	9/3/2003 21:10
Total # of Data Points	56558
# of Data Points with 0 mph Average Windspeed	85
% of data at 0 mph	0.15%
Power Curve Used for Calculations	GE 1.5 SL, 77m rotor,
Turbine Rating [kW]	1500
Capacity Factor	0.32
Capacity Factor at Scaled Height	0.36
Tower Height [m]	50
Scale to Height [m]	80
Calculated Air Density Rating [kg/m <sup>3</sup> ]	1.112
Scaled Air Density Rating [kg/m <sup>3</sup> ]	1.104
Estimated Energy Output [kWh]	4475095.90
Derated Output due to Air Density [kWh]	4060925.50
Scaled Energy Output [kWh]	5050414.92
Derated Scaled Energy Output [kWh]	4552823.39
Row Containing Last Entry	56570

Diurnal Variation					
Hour of Day	Average Wind Speed [mph]	Average Standard Deviation	Average Wind Direction [degrees]	Positive Average Standard Deviation	Negative Average Standard Deviation
1	13.85	1.24	173.62	15.09	12.61
2	13.72	1.23	169.65	14.95	12.50
3	14.03	1.24	164.89	15.27	12.79
4	14.20	1.24	165.58	15.44	12.95
5	14.24	1.24	164.61	15.48	12.99
6	14.18	1.25	163.05	15.42	12.93
7	13.89	1.27	160.18	15.16	12.62
8	13.80	1.36	161.88	15.16	12.44
9	13.98	1.51	164.23	15.49	12.47
10	14.70	1.70	171.68	16.40	13.00
11	15.41	1.91	178.43	17.32	13.50
12	15.65	2.11	181.13	17.76	13.54
13	15.79	2.29	188.76	18.08	13.50
14	16.41	2.42	195.06	18.83	13.99
15	16.91	2.44	198.75	19.34	14.47
16	16.93	2.34	203.40	19.27	14.59
17	16.91	2.19	210.50	19.10	14.72
18	16.93	1.97	212.79	18.89	14.96
19	16.13	1.65	208.13	17.78	14.49
20	15.41	1.41	203.53	16.82	14.00
21	14.88	1.30	197.54	16.18	13.58
22	14.06	1.29	188.47	15.35	12.77
23	13.87	1.23	179.75	15.10	12.64
24	13.88	1.24	176.87	15.12	12.63

# Wind Analysis Summary Report

## Site Information

Project: Cassia Gulch Grover 03-04  
 Location: Grover Farm  
 Site Elevation: 3400 ft  
 Averaging Time: 10 min.

## Sensor Information

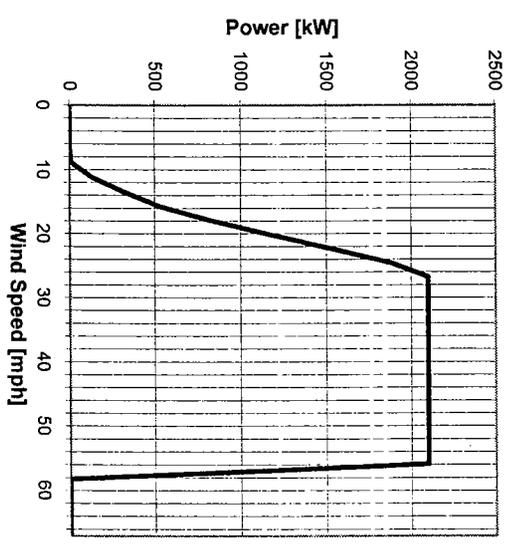
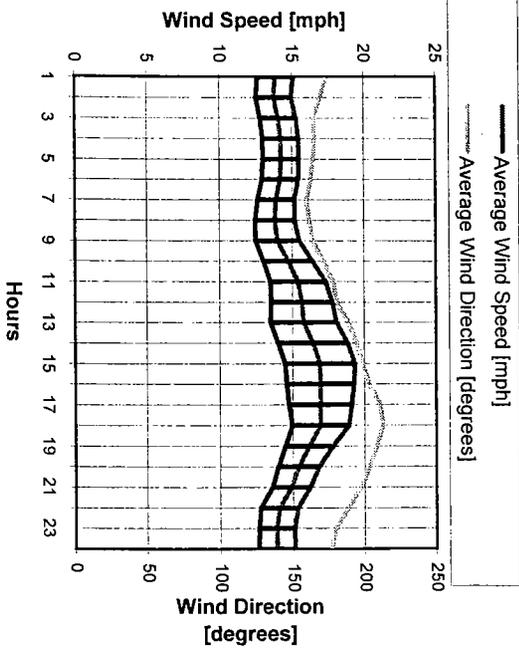
Sensor/Tower Height: 164 ft  
 Scaled Height: 262 ft  
 Windvane Offset: degrees

Site Number

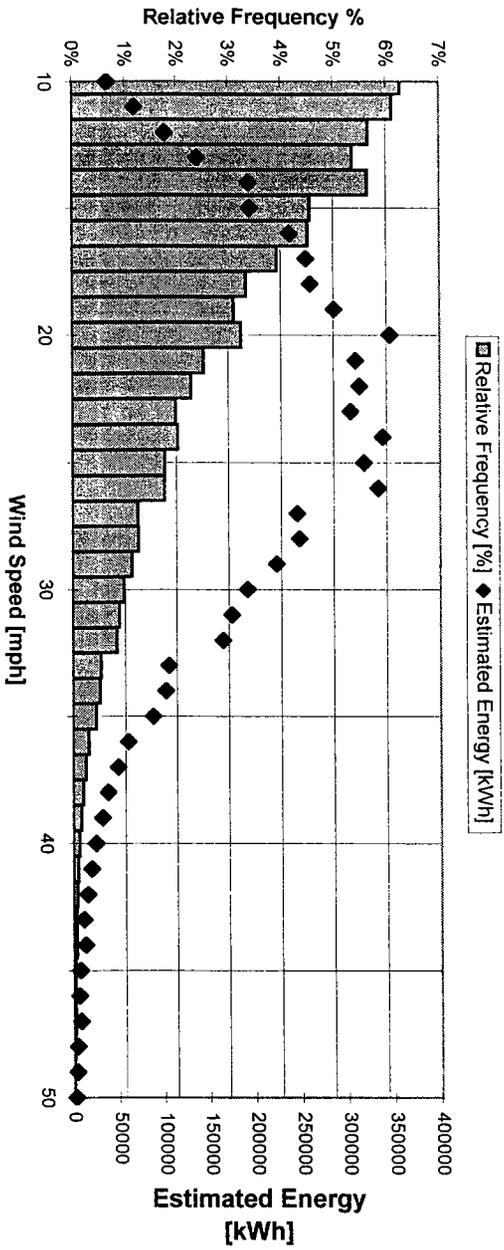
1

Date Range: 2/18/03 12:10-3/17/04 6:20

### Diurnal Wind Speed Pattern



### Frequency Distribution Graph



### Statistics

Days Used in Calculation: 392.17  
 Hours Used in Calculation: 9412.17  
 Gust Speed: 54.4 mph  
 Gust Time: 9/12/2003 9:30  
 Estimated Energy Output: 5886283 kWh  
 Calculated Air Density: 1.101 kg/m<sup>3</sup>  
 Average Wind Speed: 14.99 mph  
 Average Wind Direction: 183 degrees  
 Capacity Factor:  
 Turbine Manufacturer: Suzlon  
 Turbine Model: 2.0  
 Turbine Rating: 2000 kW  
 Estimated Annual Production:  
 Scaled Est. Annual Production:  
 Scaled Air Density: 1.094 kg/m<sup>3</sup>  
 Scaled Capacity Factor:

Percent of Total Wind Energy Inner Circle = 0%  
 Outer Circle = 70%



(Feb 03 - Mar 04)

Days in File	392.17
Hours in File	9412.17
Average Wind Speed [mph]	14.99
Average Wind Direction	182.61
Maximum Wind Speed [mph]	54.4
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Minimum Wind Speed [mph]	0.80
Minimum Wind Speed Time	9/3/2003 21:10
Total # of Data Points	56558
# of Data Points with 0 mph Average Windspeed	85
% of data at 0 mph	0.15%
Power Curve Used for Calculations	2.0
Turbine Rating [kW]	2000
Capacity Factor	r
Capacity Factor at Scaled Height	
Tower Height [m]	50
Scale to Height [m]	80
Calculated Air Density Rating [kg/m <sup>3</sup> ]	1.101
Scaled Air Density Rating [kg/m <sup>3</sup> ]	1.094
Estimated Energy Output [kWh]	1101.1
Derated Output due to Air Density [kWh]	1094.1
Scaled Energy Output [kWh]	r
Derated Scaled Energy Output [kWh]	r
Row Containing Last Entry	56570

**EXHIBIT I**

**IN THE**

**SECOND AFFIDAVIT**

**OF**

**JARED GROVER**

**IS**

**CONFIDENTIAL**

**AND WAS**

**FILED SEPARATELY**

**EXHIBIT J**

**IN THE**

**SECOND AFFIDAVIT**

**OF**

**JARED GROVER**

**IS**

**CONFIDENTIAL**

**AND WAS**

**FILED SEPARATELY**



June 30, 2005

MJ Humphries  
Blue Ribbon Energy LLC  
2630 Central Ave  
Idaho Falls, Idaho 83406

Re: Schwendiman Purchase Order and Others

Dear Mr. Humphries,

This letter is to acknowledge your purchase order letter, our phone conversations, and specifically agree to the initial terms for the Schwendiman Project. We are planning on a firm delivery schedule for December 2005, but if the federal PTC is extended beyond the current December 31, 2005 expiration, we would like to push back the delivery date until February 2006.

I will maintain this project's position in the production schedule while we finalize the Turbine Supply Agreement over the next month. We too are hopeful that you will quickly resolve the outstanding issues and complete your power purchase agreements with PacifiCorp and Idaho Power.

Based on our conversations, and contingent on executing the Turbine Supply Agreement, we will be planning on providing not only the turbines for the Schwendiman project, but also the Magic project, the two projects on the west side of Bell Rapids (Cassia 1 and 2), and the Schroeder Project according to the following list:

Schwendiman	20 MW	8 Turbines (maybe 7)
Magic Wind	20 MW	8 Turbines
Cassia 1	10 MW	4 Turbines
Cassia 2	20 MW	8 Turbines
Schroeder	10 MW	4 Turbines
	80 MW	32 Turbines
Other Late 2006 Projects:	45 MW	18 Turbines (maybe 19)
<u>Totals</u>	<u>125 MW</u>	<u>50 Turbines</u>

MI Humphries  
June 30, 2005  
Page 2

Please confirm this information and keep me updated on your progress. Please note that meeting these compressed manufacturing schedules is very time sensitive and that I need to continue to keep my management up-to-speed on your progress. We are continuing to perform preliminary site suitability analysis of the wind resource data from your earlier sites, and will need additional data from the remaining sites as soon as possible.

I understand that you have been analyzing the benefits and costs of several other wind turbine generators and have decided to build your projects with Clipper WTGs rather than a combination of equipment you have purchased from Suzlon and GE. I agree that this is a wise decision and, in my estimation, will serve you very well in the both the short- and long-term. The Clipper 2.5 megawatt "Liberty" Wind Turbine - the most technologically advanced wind turbine in the world - was developed in a unique public/private partnership with the U.S. Department of Energy and the California Energy Commission. The result is a WTG that will significantly reduce component failures, reduce operations and maintenance expenses, and is designed for a 30-year operating life - 50% longer than the industry standard of 20 years.

Please keep in mind one more thing about turbine availability and scarcity of supply. I don't want to sound like I'm trying to rush you - since I know you understand this more than most people, but you need to be aware that there is an increasingly problematic shortage of WTGs in the market. Other manufacturers are sold out for 2006 and 2007 is selling out rapidly. Orders are being placed with 15 months and longer lead times for many manufacturers. We can schedule your new orders for the Clipper turbines, but we need to make those orders firm with cash deposits as soon as your power purchase agreements are completed. New orders at Clipper are now 10 months out due to shortage of components in our supply chain. As you know, an order with less than 6 months from purchase to delivery is considered a rush order and can increase equipment costs.

I am looking forward to a strong, long-term relationship with you that might go beyond WTG supply and include your ideas to establish a maintenance and operations business in Idaho.

With kind regards,



Thomas Feiler  
Clipper Windpower Development Company

# COX, OHMAN & BRANDSTETTER, Chartered

ATTORNEYS & COUNSELORS AT LAW

ROGER D. COX  
JOHN M. OHMAN  
DEAN C. BRANDSTETTER

510 "D" STREET  
POST OFFICE BOX 51600  
IDAHO FALLS, IDAHO 83403-1600

SHIRLA COOPER  
Paralegal

MEMBER OF THE NEBRASKA BAR  
CERTIFIED TRIAL SPECIALIST  
[www.nba.org](http://www.nba.org)

TELEPHONE (208) 522-3506  
FAX (208) 522-5518

September 1, 2005

Dean J. Miller, Esq.  
420 West Bannock  
P.O. Box 2564-83701  
Boise, ID 83702

*sent via facsimile*

Re: **M.J. Humphries Wind Project**

Dear Mr. Miller:

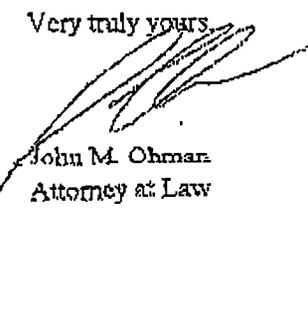
Mr. M.J. Humphries requested that I report to you these purchases:

1. On May 24, 2005, ten towers and turbines for the Magic Wind Project from Suzlon Energy Limited
2. On June 2, 2005, seventy towers and turbines for the Cassia Wind Park and Cassia Wind Projects.

If there is any further information which I can obtain for you, kindly advise.

Best regards.

Very truly yours,

  
John M. Ohman  
Attorney at Law

JMO/wt

cc. Randy C. Allphin *via facsimile*

COPY



OCT 11 2005

**IDAHO FISH & GAME**  
MAGIC VALLEY REGION

319 South 417 East  
Jerome, ID 83338

October 7, 2005

**Dirk Kempthorne** / Governor  
**Steven M. Huffaker** / Director

Bill Crafton  
Twin Falls County Planning and Zoning  
246 3<sup>rd</sup> Avenue East  
Twin Falls, Idaho 83301

**Re: Conditional Use Permit Application for Wind Energy Development, Cassia Gulch Wind Park, LLC and Cassia Wind Farms, LLC, Bell Rapids, Twin Falls County**

Dear Bill:

Idaho Department of Fish and Game (IDFG) has toured the sites and reviewed the proposal from Jared Grover to install 14, 2.1 MW wind turbines on two sites in the Bell Rapids area of Twin Falls County. The proposed Cassia Gulch Wind Park (9 turbines) is located in Township 6 South, Range 12 E, Section 27 while the proposed Cassia Wind Farm (5 turbines) is located in Township 7 South, Range 12 E, Section 3. The turbines will be 124 meters (407 ft.) high with 88 meter (289 ft.) diameter blades. Minimum spacing between turbines will be 132 meters (433 ft.). We have identified the following issues and recommendations for your consideration.

IDFG recognizes the value of and need for developing alternative forms of energy production. Wind energy facilities have the potential to produce clean and reliable energy. However, we have concerns regarding the location of proposed facilities and the potential immediate and long-term impacts to wildlife populations and habitats. Wind energy facilities can adversely impact wildlife, especially birds (Erickson et al. 2001, Leddy et al. 1999, Manes et al. 2002) and bats (Erickson et al. 2001, Johnson et al. 2002), through habitat loss and fragmentation, avoidance of and displacement from preferred habitats, and direct mortality through turbine and tower strikes.

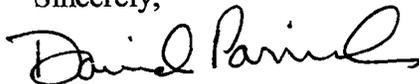
As displayed on the attached map, the proposed wind parks are located near or immediately adjacent to isolated parcels of sagebrush habitat on public lands. These parcels, known as wildlife tracts, are publicly owned and cooperatively managed by the Bureau of Land Management (BLM) and IDFG for permanent wildlife habitat and public recreation. Due to the loss of native habitats, wildlife tracts are crucial for production and survival of upland game birds, big game, and a variety of nongame wildlife. Tracts provide seasonal and year-long habitat for ring-necked pheasants, gray partridge, California quail, sage grouse, mourning dove, mule deer, pronghorn, coyote, red fox, black-tailed jackrabbits, cottontail rabbits, and an assortment of raptors, songbirds, small mammals, amphibians, and reptiles. To minimize the potential impacts (disturbance, avoidance, and direct mortality) of wind park development on wildlife use associated with tracts, we recommend no turbines are sited within 0.5 miles of existing wildlife tracts.

Historic land use practices, highly fragmented native sagebrush habitats, and anecdotal data suggest relatively low bird use in the Bell Rapids area. However, IDFG is unaware of any quantitative studies, surveys, or inventories of seasonal, year-long, or migratory bird (or bat) use in the area. Unlike fall bird migration, spring migration occurs over a longer period (March through June) along indistinct routes. We recommend, as a condition of the permit, the applicant be required to conduct a formal survey of spring and fall bird and bat use of the proposed project areas. Data acquired through this effort could be used to modify project operations in the event bird/bat mortality via turbine or tower strikes becomes an issue at either of the proposed sites.

We recommend, as a condition of the permit, the applicant be required to conduct an impact study (for bird/bat mortality) of the new wind park facilities. Seasonal monitoring (spring and fall) in alternate years over a six year period would be sufficient. Data acquired through this effort could be used to modify project operations in the event bird or bat mortality via turbine strikes becomes an issue at either of the proposed sites. Monitoring would cease at the end of the six year period if data indicate low levels of bird and bat mortality. If mortality rates are determined to have localized or regional scale population impacts, we recommend, as a condition of the permit, that options for habitat based mitigation and modifications in project operations (e.g. seasonal turbine shut-down) be made available.

Thank you for the opportunity to provide comment. If you have any questions please contact Mike McDonald, Environmental Staff Biologist, at this office.

Sincerely,



David Parrish

Magic Valley Regional Supervisor

Cc: Jared Grover (Applicant)  
IDFG (NRPB)  
ECc: IDFG (R4 staff)

Literature Cited:

Erickson, W., G. D. Johnson, M. D. Strickland, D. P. Young, Jr., K. J. Sernka, and R. E. Good. 2001. Avian Collisions with Wind Turbines: A Summary of Existing Studies and Comparisons to Other Sources of Avian Collision Mortality in the United States. National Wind Coordinating Committee Resource Document. 62 pp.

G. D. Johnson, W. P. Erickson, M. D. Strickland, M. F. Shepard, D. A. Shepard, and S. A. Sarappo. Collision mortality of local and migrant birds at a large-scale wind-power development on Buffalo Ridge, Minnesota. *Wildlife Society Bulletin*. 30(3):879-887.

Leddy, K. L., K. F. Higgins, and D. E. Naugle. 1999. Effects of wind turbines on upland nesting birds in Conservation Reserve Program grasslands. *Wilson Bulletin*. 111:100-104.

Manes, R., S. Harmon, B. Obermeyer, and R. Applegate. 2002. Wind Energy and Wildlife: an attempt at pragmatism. *Wildlife Management Institute*. 8 pp.

TWIN FALLS HIGHWAY DISTRICT  
1234 HIGHLAND AVENUE EAST  
TWIN FALLS, IDAHO 83301-7878  
PHONE: 208-733-4062  
FAX: 208-733-4934  
EMAIL: tfhwy@cableone.net



"YOUR ROADS OUR JOB"

HERMAN J. OSTERKAMP, CHAIRMAN AND  
COMMISSIONER  
ARTHUR R. BAILY, COMMISSIONER  
RON PIERCE, COMMISSIONER  
DAVE BURGESS, DIRECTOR  
KAREN DALTON, SEC-TREASURER

December 8, 2005

Bill Crafton, Director  
Twin Falls County Planning & Zoning  
246 Third Avenue East  
Twin Falls, Idaho 83301

RE: Conditional Use Permit Application  
Cassia Wind Farm LLC and Cassia Gulch Wind Park LLC

Dear Sir:

Brian Davis, Project Manager of referenced Wind Parks has requested that the Highway District provide comments regarding the proposed development of Cassia Wind Farm LLC and Cassia Gulch Wind Park LLC. At our regular Board meeting on December 7, 2005, this project was discussed at length. The Commissioners decided unanimously to support the project with the following requirements and concerns:

1. The Twin Falls Highway District will require a \$10,000. bond for the duration of the construction to cover any damages to the roadway and culverts.
2. The Twin Falls Highway District requested that Mr. Davis keep the Director informed of the project such as schedule and size of loads to the site. Permits will be required for any overweight or over length loads.
3. The project site is located on a gravel road that has little to no traffic. The Highway District provides low maintenance in the winter months on this road.
4. The temporary access road and the temporary curve on 150 E 5950 N will be restored to its original condition upon completion.

If you have any questions please call me at 733-4062.

Sincerely,

A handwritten signature in black ink, appearing to read "Dave Burgess".

Dave Burgess  
Director

DB:kmd



**IDAHO TRANSPORTATION DEPARTMENT**

P.O. Box 7129  
Boise ID 83707-1129

(208) 334-8000  
itd.idaho.gov

December 7, 2005

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*Director*

Sue Higgins  
*Board Secretary*

Jared Grover  
Cassia Wind Farm LLC  
4200 N. Cloverdale Rd  
Boise, ID 83713

**SUBJECT:** 5 structure wind turbine array located as follows: Township 7 South, Range 12 Section 3 of the Boise Meridian, Twin Falls County. Array runs north / south and is situated just east of the Elmore County, Twin Falls County line.

The Division of Aeronautics evaluated the wind farm under the authority of Idaho Code 21-513 through 21-520 and Idaho Transportation Department Rule No. 39.04.02.

The proposed wind turbine array, if built as described in the site location documents provided by the proponent, will be a hazard to air flight. You will be required to mark with white paint and light for night operation the following turbines which are referenced by their FAA Aeronautical Study Numbers:

2005 – ANM – 2331 - OE  
2005 – ANM – 2327 - OE

The State of Idaho will accept a single red flashing light in accordance with Chapters 4, 5, and 12 of FAA Advisory Circular 70/7460-1K, Change 1. The State of Idaho also concurs with the FAA's requirement for synchronization of the lights during night time operation. Any changes in location or height of structures proposed will invalidate this determination.

Please contact me at 208-334-8895 if I can be of further assistance.

Sincerely,

MARK LESSOR  
Aviation Technician

CC: MEL  
Manager, Buhl Municipal Airport  
Twin Falls County Planning and Zoning



**IDAHO TRANSPORTATION DEPARTMENT**

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Boise ID 83707-1129

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December 1, 2005

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Director

Sue Higgins  
Board Secretary

Jared Grover  
Cassia Wind Farm LLC  
4200 N. Cloverdale Rd  
Boise, ID 83713

**SUBJECT:** 9 structure wind turbine array located as follows: Township 6 South, Range 12 East Sections 22 and 27 of the Boise Meridian, Twin Falls County. Array runs north / south.

The Division of Aeronautics evaluated the wind farm under the authority of Idaho Code 21-513 through 21-520 and Idaho Transportation Department Rule No. 39.04.02.

The proposed wind turbine array, if built as described in the site location documents provided by the proponent, will be a hazard to air flight. You will be required to mark with white paint all the turbines and light for night operation the following turbines which are referenced by their FAA Aeronautical Study Numbers:

2005 – ANM – 2325 - OE  
2005 – ANM – 2322 - OE  
2005 – ANM – 2323 - OE  
2005 – ANM – 2326 - OE

The State of Idaho will accept a single red flashing light in accordance with Chapters 4, 5, and 12 of FAA Advisory Circular 70/7460-1K, Change 1. The State of Idaho also concurs with the FAA's requirement for synchronization of the lights during night time operation. Any changes in location or height of structures proposed will invalidate this determination.

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Sincerely,

MARK LESSOR  
Aviation Technician

CC: MEL  
Manager, Buhl Municipal Airport  
Twin Falls County Planning and Zoning



**Wayne Tousley**  
Sheriff  
(208) 736-4177

P.O. Box 146  
Twin Falls, ID 83303-0146

**Ed Gudgell**  
Under Sheriff  
FAX (208) 736-4006

12/13/2005

To: Brian Davis  
Project Coordinator  
4200 North Cloverdale Road  
Boise Idaho 83713

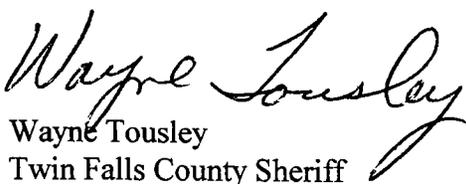
Re: Cassia Gulch Wind Park, LLC. & Cassia Wind Farm, LLC

Mr. Davis,

Review of the proposed development, located between 6050 N/6075 N and 100 E. /150 E., County of Twin Falls, is located in Twin Falls County Sheriff's West District. Response time for that area would be twenty to thirty minutes on an average, with greater response time due to the traffic conditions and manpower restraints. However, the indicated sections for development are at the furthest northwestern section of Twin Falls County and are not routinely patrolled, due to manpower.

The indicated area is used at different times of the year by sportsmen and off road activities, with numerous access roads into the areas. Depending on this type of industries experience elsewhere with vandalism, destruction of property and unauthorized person on the property, it is suggested by Twin Falls County Sheriff's Office that steps be taken to prevent any lose to the sites, i.e. fencing and lighting. Special concern should be taken during the construction of the site due to the current activities being reported of theft construction equipment and heavy electrical wiring.

Twin Falls County Sheriff's office personnel are trained in Crime Prevention Through Environmental Design. Through Developers and Contractors we can establish a safer community by eliminating potential criminal locations or safety hazards. CPTED starts from the Developer to the residing home owner and can result in lower insurance rates as well as enhance prospects of purchasers. The practice of reviewing residential and commercial plans, including landscaping, can be vital to prevent and eliminate potential criminal activity around our community.

  
Wayne Tousley  
Twin Falls County Sheriff

In Public Service,  
  
Kelly E. Wilson  
Investigations/ Crime Prevention



**IDAHO TRANSPORTATION DEPARTMENT**

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Boise ID 83707-1129

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December 7, 2005

**TRANSPORTATION BOARD**

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**SUBJECT:** 5 structure wind turbine array located as follows: Township 7 South, Range 12 Section 3 of the Boise Meridian, Twin Falls County. Array runs north / south and is situated just east of the Elmore County, Twin Falls County line.

The Division of Aeronautics evaluated the wind farm under the authority of Idaho Code 21-513 through 21-520 and Idaho Transportation Department Rule No. 39.04.02.

The proposed wind turbine array, if built as described in the site location documents provided by the proponent, will be a hazard to air flight. You will be required to mark with white paint and light for night operation the following turbines which are referenced by their FAA Aeronautical Study Numbers:

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Sincerely,

MARK LESSOR  
Aviation Technician

CC: MEL  
Manager, Buhl Municipal Airport  
Twin Falls County Planning and Zoning



**IDAHO TRANSPORTATION DEPARTMENT**

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December 1, 2005

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**SUBJECT:** 9 structure wind turbine array located as follows: Township 6 South, Range 12 East Sections 22 and 27 of the Boise Meridian, Twin Falls County. Array runs north / south.

The Division of Aeronautics evaluated the wind farm under the authority of Idaho Code 21-513 through 21-520 and Idaho Transportation Department Rule No. 39.04.02.

The proposed wind turbine array, if built as described in the site location documents provided by the proponent, will be a hazard to air flight. You will be required to mark with white paint all the turbines and light for night operation the following turbines which are referenced by their FAA Aeronautical Study Numbers:

2005 – ANM – 2325 - OE  
2005 – ANM – 2322 - OE  
2005 – ANM – 2323 - OE  
2005 – ANM – 2326 - OE

The State of Idaho will accept a single red flashing light in accordance with Chapters 4, 5, and 12 of FAA Advisory Circular 70/7460-1K, Change 1. The State of Idaho also concurs with the FAA's requirement for synchronization of the lights during night time operation. Any changes in location or height of structures proposed will invalidate this determination.

Please contact me at 208-334-8895 if I can be of further assistance.

Sincerely,

MARK LESSOR  
Aviation Technician

CC: MEL  
Manager, Buhl Municipal Airport  
Twin Falls County Planning and Zoning



Federal Aviation Administration  
Air Traffic Airspace Branch, ASW-520  
2601 Meacham Blvd.  
Fort Worth, TX 76137-0520

Aeronautical Study No.  
2005-ANM-2330-OE

Issued Date: 11/18/2005

Jared Grover  
Cassia Wind Farm LLC  
4200 N Cloverdale Rd  
Boise, ID 83713

**\*\* DETERMINATION OF NO HAZARD TO AIR NAVIGATION \*\***

The Federal Aviation Administration has completed an aeronautical study under the provisions of 49 U.S.C., Section 44718 and, if applicable, Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure Type: Wind Turbine  
Location: Boise, ID  
Latitude: 42-50-40.5 NAD 83  
Longitude: 115-2-14.0  
Heights: 407 feet above ground level (AGL)  
3855 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that the enclosed FAA Form 7460-2, Notice of Actual Construction or Alteration, be completed and returned to this office any time the project is abandoned or:

At least 10 days prior to start of construction  
(7460-2, Part I)

Within 5 days after the construction reaches its greatest height  
(7460-2, Part II)

As a result of this structure being critical to flight safety, it is required that the FAA be kept apprised as to the status of the project. Failure to respond to periodic FAA inquiries could invalidate this determination.

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking and/or lighting are accomplished on a voluntary basis, we recommend it be installed and maintained in accordance with FAA Advisory Circular 70/7460-1 K.

This determination expires on 05/18/2007 unless:

- (a) extended, revised or terminated by the issuing office.
- (b) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE POSTMARKED OR DELIVERED TO THIS OFFICE AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission if the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (425)227-2558. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2005-ANM-2330-OE.

**Signature Control No: 438858-419938**

(DNE)

Kathie Curran  
Technician

7460-2 Attached



jared grover &lt;jdgrover@gmail.com&gt;

## Power Purchase Agreements

6 messages

jared grover &lt;jdgrover@gmail.com&gt;

Wed, Jun 29, 2005 at 2:59 PM

Reply-To: jared grover &lt;jdgrover@gmail.com&gt;

To: rallphin@idahopower.com

Bcc: jaredgrover@mail.boisestate.edu

Hi Randy,

It was good talking to you today. I look forward to getting everything worked out with the agreements with Idaho Power.

I talked to my investors and told them what you told me. That Idaho Power would negotiate the contracts, but would not sign any contracts until after the PUC has made a decision on the case (Idaho Power asking for a moratorium for power purchase agreements).

You said that you would have some type of letter that I could have that would explain this to them. If you could fax that to me @208 323 6155. Or if you don't have the letter yet, just reply to this email in a couple of sentences that I can forward on to them.

I just want everyone to know that I am doing all I can to facilitate the projects.

Thanks

Jared

Allphin, Randy &lt;RAllphin@idahopower.com&gt;

Thu, Jun 30, 2005 at 6:10 AM

To: jared grover &lt;jdgrover@gmail.com&gt;

Jared,

As we discussed over the telephone, Idaho Power has filed at the commission a petition requesting a temporary suspension of our Idaho Power's obligation to enter into PURPA wind agreements. The Commission has set a schedule to consider this petition. Until such time as Idaho Power receives direction from the commission on this petition, Idaho Power will not be signing a wind agreement for your proposed projects.

If you desire, we can move forward with preparing and reviewing draft agreements. Idaho Power reserves the right to modify or change these draft agreements at any time until the agreements have been executed by both parties and approved by the commission.

As we discussed over the phone, I have an e-mail from you dated June 17 requesting draft agreements. I contacted our Generation Interconnection group and received a copy of your interconnection applications. If you desire I will use information from these applications to begin drafting agreements.

I have received numerous requests for agreements, I am handling these requests in the order I received them. Once I receive word from you that you wish for me to begin preparing draft agreements it will most likely be a couple of weeks before I can have draft back to you for review.

Please let me know how you would like to proceed

Randy

[Quoted text hidden]

[INFO] -- Access Manager:

This transmission may contain information that is privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that any disclosure, copying, distribution, or use of the information contained herein (including any reliance thereon) is STRICTLY PROHIBITED. If you received this transmission in error, please immediately contact the sender and destroy the material in its entirety, whether in electronic or hard copy format. Thank you. A2

**jared grover <jdgrover@gmail.com>**

Reply-To: jared grover <jdgrover@gmail.com>

To: "Allphin, Randy" <RAllphin@idahopower.com>

**Fri, Jul 1, 2005 at 2:56 PM**

Randy:

Thanks for the quick email explaining Idaho Powers stance on the issue. It was helpful to give to my investors. As we have discussed I am interested in getting a PURPA contract signed and done as soon as possible. Please send me anything that is needed to move forward with preparing the contract.

Jared

[Quoted text hidden]

**jared grover <jdgrover@gmail.com>**

Reply-To: jdgrover@gmail.com

To: Joe Miller <joe@mcdevitt-miller.com>

**Thu, Sep 1, 2005 at 3:56 PM**

[Quoted text hidden]

**jared grover <jdgrover@gmail.com>**

Reply-To: jdgrover@gmail.com

To: Joe Miller <joe@mcdevitt-miller.com>

**Thu, Sep 1, 2005 at 3:57 PM**

[Quoted text hidden]

**jared grover <jdgrover@gmail.com>**

Reply-To: jdgrover@gmail.com

To: Joe Miller <joe@mcdevitt-miller.com>

**Thu, Sep 1, 2005 at 3:57 PM**



**Randy C. Allphin**  
Contract Administrator

August 8, 2005

Jared Grover  
3635 Kingswood Drive  
Boise, ID 83704

E-mail Copy: [jdgrover@gmail.com](mailto:jdgrover@gmail.com)

Original: US Mail

RE: Cassia Wind Farm  
Request for a PURPA contract for a proposed Wind Generation Facility.

Dear Mr. Grover:

On June 17, 2005, Idaho Power Company (Company) filed a Petition with the Idaho Public Utilities Commission (Commission) requesting a temporary suspension of the Company's obligation to enter into new contracts to purchase energy generated by qualifying wind-powered small power production facilities (QFs) at the published rates.

On August 4, 2005, the Commission issued Order No. 29839 in response to the Petition filed by Idaho Power Company. In Order No. 29839, the Commission ruled that only intermittent wind generation projects with a nameplate rating of 100 kW or less are eligible for the published avoided cost rates. In this Order the Commission also established criteria to assess the eligibility of larger wind generation projects that had commenced the development process prior to July 1, 2005 to receive PURPA contracts containing the published rates. The eligibility criteria for those larger projects, as set out in Order No. 29839, are as follows:

- 1) Submittal of a signed power purchase agreement to the utility no later than July 1, 2005 or submittal of a completed Application for Interconnection Study and payment of study fees to the utility no later than July 1, 2005.
- 2) In addition to the eligibility criteria set out in item 1, to qualify for the published rates the larger QF must also be able to demonstrate other indicia of substantial progress and project maturity. Examples of these items include but are not limited to:
  - a.) A QF certificate for the project
  - b.) Wind study(s) demonstrating a viable site for the project
  - c.) Project and access road site control
  - d.) A signed contract for the supply of wind turbines
  - e.) Arranged financing for the project
  - f.) Progress on facility permitting and licensing

Our records indicate you contacted Idaho Power concerning a PURPA contract for the Cassia Wind Farm with an estimated size of 10.5 MW prior to the issuance of Commission Order No. 29839.

Summarized below are Idaho Power Power Supply's records in regards to the data you have submitted for your proposed wind project and the status of meeting the eligibility criteria as described in Commission Order No. 29839.

Item 1

- a.) Submittal of a signed Purchase Power Agreement
- b.) Submittal of a completed Application for Interconnection

What is the status of your application for interconnection for your proposed wind project?

While this may seem to be a strange request coming from Idaho Power, Federal Energy Regulatory Commission orders prohibit Idaho Power's Power Supply business unit from obtaining this information directly from the Idaho Power Delivery business unit. Please provide complete interconnection application status information, including when application was made for interconnection and evidence that the required study fees have been paid to Idaho Power Delivery business unit.

*You have previously provided Idaho Power Power Supply business unit a copy of your interconnection application. Please confirm the current status of this application.*

- ✓ If your project has submitted one or both of the above-required documents please provide the documentation of the items specified below in Item 2.
  
- ✓ If neither of the above documents had been submitted to Idaho Power Company prior to July 1, 2005, as specified in the Commission Order, your project is subject to the revised published rate eligibility cap for a qualified intermittent wind projects of 100 kW or smaller.

Item 2

Please provide documentation that demonstrates other indicia of substantial progress and project maturity. Examples of these items include but are not limited to:

- - a.) A QF certificate for the project
  - b.) Wind study demonstrating a viable site for the project
  - c.) Project and access road site control
  - d.) A signed contract for the supply of wind turbines
  - e.) Arranged financing for the project
  - f.) Progress on facility permitting and licensing

If there is other data that you believe indicates that your project was substantially mature or complete as of July 1, 2005, please provide this data at the same time.

Please provide the requested data to Randy Allphin at Idaho Power Company:

US Mail: Idaho Power Company  
Attn: Randy Allphin  
P O Box 70  
Boise, Idaho 83707

Email: [Rallphin@idahopower.com](mailto:Rallphin@idahopower.com)

Fax: (208) 433-5163

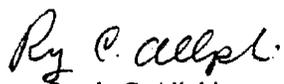
Please mark all Faxes – Attention Randy Allphin and also notify Randy Allphin by e-mail or telephone that a Fax is being sent.

Idaho Power will review the provided data and may request addition information. If it is determined that the project has met the eligibility criteria as established by the Commission, Idaho Power will prepare and provide a draft PURPA agreement for your review. Please note this is not an offer to purchase and no PURPA contract is effective until the Idaho Public Utilities Commission has reviewed it and approved it for ratemaking purposes.

The Commission has set stringent time limits for continued processing of this case. As a result, it is important that we receive your response to this letter no later than **5 PM, Mountain Standard Time, August 15, 2005**. Failure to provide complete information within this time period may mean that your request would not be considered eligible to receive the published rates.

If you have any questions please contact me at your convenience.

Very truly yours,



Randy C. Allphin  
Idaho Power Company  
Contract Administrator



---

**Randy C. Allphin**  
Contract Administrator

August 8, 2005

Jared Grover  
3635 Kingswood Drive  
Boise, ID 83704

E-mail Copy: [jdgrover@gmail.com](mailto:jdgrover@gmail.com)

Original: US Mail

RE: Cassia Gulch Wind Park  
Request for a PURPA contract for a proposed Wind Generation Facility.

Dear Mr. Grover:

On June 17, 2005, Idaho Power Company (Company) filed a Petition with the Idaho Public Utilities Commission (Commission) requesting a temporary suspension of the Company's obligation to enter into new contracts to purchase energy generated by qualifying wind-powered small power production facilities (QFs) at the published rates.

On August 4, 2005, the Commission issued Order No. 29839 in response to the Petition filed by Idaho Power Company. In Order No. 29839, the Commission ruled that only intermittent wind generation projects with a nameplate rating of 100 kW or less are eligible for the published avoided cost rates. In this Order the Commission also established criteria to assess the eligibility of larger wind generation projects that had commenced the development process prior to July 1, 2005 to receive PURPA contracts containing the published rates. The eligibility criteria for those larger projects, as set out in Order No. 29839, are as follows:

- 1) Submittal of a signed power purchase agreement to the utility no later than July 1, 2005 or submittal of a completed Application for Interconnection Study and payment of study fees to the utility no later than July 1, 2005.
- 2) In addition to the eligibility criteria set out in item 1, to qualify for the published rates the larger QF must also be able to demonstrate other indicia of substantial progress and project maturity. Examples of these items include but are not limited to:
  - a.) A QF certificate for the project
  - b.) Wind study(s) demonstrating a viable site for the project
  - c.) Project and access road site control
  - d.) A signed contract for the supply of wind turbines
  - e.) Arranged financing for the project
  - f.) Progress on facility permitting and licensing

Our records indicate you contacted Idaho Power concerning a PURPA contract for the Cassia Gulch Wind Park with an estimated size of 18.9 MW prior to the issuance of Commission Order No. 29839.

Summarized below are Idaho Power Power Supply's records in regards to the data you have submitted for your proposed wind project and the status of meeting the eligibility criteria as described in Commission Order No. 29839.

Item 1

- a.) Submittal of a signed Purchase Power Agreement
- b.) Submittal of a completed Application for Interconnection

What is the status of your application for interconnection for your proposed wind project?

While this may seem to be a strange request coming from Idaho Power, Federal Energy Regulatory Commission orders prohibit Idaho Power's Power Supply business unit from obtaining this information directly from the Idaho Power Delivery business unit. Please provide complete interconnection application status information, including when application was made for interconnection and evidence that the required study fees have been paid to Idaho Power Delivery business unit.

*You have previously provided Idaho Power Power Supply business unit a copy of your interconnection application. Please confirm the current status of this application.*

- ✓ If your project has submitted one or both of the above-required documents please provide the documentation of the items specified below in Item 2.
- ✓ If neither of the above documents had been submitted to Idaho Power Company prior to July 1, 2005, as specified in the Commission Order, your project is subject to the revised published rate eligibility cap for a qualified intermittent wind projects of 100 kW or smaller.

Item 2

Please provide documentation that demonstrates other indicia of substantial progress and project maturity. Examples of these items include but are not limited to:

- a.) A QF certificate for the project
- b.) Wind study demonstrating a viable site for the project
- c.) Project and access road site control
- d.) A signed contract for the supply of wind turbines
- e.) Arranged financing for the project
- f.) Progress on facility permitting and licensing

If there is other data that you believe indicates that your project was substantially mature or complete as of July 1, 2005, please provide this data at the same time.

Please provide the requested data to Randy Allphin at Idaho Power Company:

US Mail: Idaho Power Company  
Attn: Randy Allphin  
P O Box 70  
Boise, Idaho 83707

Email: [Rallphin@idahopower.com](mailto:Rallphin@idahopower.com)

---

Telephone: (208) 388-2614

Fax: (208) 433-5163

[Rallphin@idahopower.com](mailto:Rallphin@idahopower.com)

Fax: (208) 433-5163

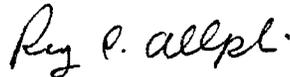
Please mark all Faxes – Attention Randy Allphin and also notify Randy Allphin by e-mail or telephone that a Fax is being sent.

Idaho Power will review the provided data and may request addition information. If it is determined that the project has met the eligibility criteria as established by the Commission, Idaho Power will prepare and provide a draft PURPA agreement for your review. Please note this is not an offer to purchase and no PURPA contract is effective until the Idaho Public Utilities Commission has reviewed it and approved it for ratemaking purposes.

The Commission has set stringent time limits for continued processing of this case. As a result, it is important that we receive your response to this letter no later than **5 PM, Mountain Standard Time, August 15, 2005**. Failure to provide complete information within this time period may mean that your request would not be considered eligible to receive the published rates.

If you have any questions please contact me at your convenience.

Very truly yours,



Randy C. Allphin  
Idaho Power Company  
Contract Administrator

Jared Grover  
Cassia Wind Farm LLC  
Cassia Gulch Wind Park LLC  
4219 N Creswell Way  
Boise ID 83713  
208 371 4066  
208 323 6155 fax

8/12/2005

Idaho Power Company  
Attn: Randy Allphin  
PO Box 70  
Boise Idaho 83707

Dear Mr. Allphin

This letter is written in response to your request of August 8, 2005 for information regarding the status of several items relating to my proposed projects. As you may know, some of the information you are requesting is highly confidential in nature and is not something that I would normally divulge to the utility, and potentially to competitors. It is for this same reason that the FERC orders prohibit Idaho Power's Power Supply business unit from obtaining this information directly from the Idaho Power Delivery business unit. Subject to this limitation, the following is submitted in response to your request.

Under order 29839 two items and several examples were set forth to determine grandfathering. Following is a detailed list which I believe will show that my projects have made "Substantial Progress" and "Project Maturity."

- 1) **Submittal of a signed power purchase agreement to the utility no later than July submittal of a completed Application for Interconnection Study and payment of study fees to the utility no later than July 1, 2005.**

#### **Signed Power Purchase Agreement**

I followed in the instructions provided for me by Idaho Power Co for my interconnection study, (See Attachment A) and according to the instructions, Idaho Power Co would prepare and forward a power purchase agreement to me (see Attachment A page 2), I have never received one (even though one application was submitted in May). Since these are the first PURPA projects I have been involved in, I didn't have a draft of a previous one, nor did I have legal counsel at the time who could prepare me one. I have been relying on

Idaho Power Co. to provide me one as described in the instructions, and did not have a chance to sign one.

**OR,**

**Completed Application for Interconnection Study and Payment of Fees**

I submitted a completed Application for Interconnection Study and payment of fees for each of my projects. One was dated 5/26/05, and the other dated 6/16/2005. I also paid the Fees by Check at the time of submittal 5/24/05, and 6/15/05 respectively. My recent discussions with Idaho Power Company indicate that the connection study for one will be completed within two weeks and the other should be completed by September. A copy of my applications were submitted as part of the case. ]

- 2) **the QF must also be able to demonstrate other indicia of substantial progress and project maturity, e.g., (1) a wind study demonstrating a viable site for the project, (2) a signed contract for wind turbines, (3) arranged financing for the project, and/or (4) related progress on the facility permitting and licensing path**

[ **Wind Study**

I have collected a substantial amount of data, and have completed a wind study. I have a percentage ownership in 4 anemometer towers used for collecting data, and also have complete ownership of an additional 50 meter tower at my site. Usually at least 6 months to 1 year of data from one or more anemometers is required to complete a wind study. The projects I am involved with have much more data than minimally required.

I have used tools developed by the Idaho National Lab to evaluate my data. Based on this I believe the projects are viable. The nearby operational Fossil Gulch wind project also validates the viability of my projects.

The data and the results of the analysis are highly confidential. I would consider disclosing the details of the data upon execution of an appropriate confidentiality agreement by Idaho Power. I have attached a three page excerpt from part of the wind study as Attachment B. This is to simply provide minimal documentation of the wind study. ]

[ **Arranged Financing for Project**

I have met with multiple investors both in and out of state. Several investors have expressed interest in the projects. They have visited the sites, looked at the wind data and are excited about completing my projects. It has been helpful that the existing Fossil Gulch wind project is located less than 10 miles away. Having an existing, operational wind farm close by reassures the investors that the project is viable. However, like myself, they have been

discouraged by the delay of power purchase agreements and hope that the projects are able to move ahead quickly.

They have both the funds and the turbines earmarked for my project. I have signed confidentiality agreements which prohibit me providing further details. I believe that enough information can be provided to meet the requirements of grandfathering without involving my investors, however, as a final measure; I may be able to convince my investors to set aside confidentiality agreement and provide a letter of intent, or possibly a letter from a third party verifying their intent to finance the projects.

### **Signed Contract for Wind Turbines**

Wind turbines are available for my wind projects. The investors interested in my project have allotted turbines for my project. The investors have contracts in place for supply of wind turbines. I have selected one investor out of several investors having access to turbines which have expressed interest in these projects, but obviously a power purchase agreement needs to be signed before they make a multi million dollar commitment of turbines to my specific project. In addition to my investors, I have also made arrangements with other investors/developers to have access to turbines through their turbine contracts. If required, further details can be given upon execution of a confidentiality agreement by Idaho Power Co.

No investor/developer that I am aware of would sign a contract to provide wind turbines to a specific project before both a Power Purchase Agreement and a Interconnection Study are completed.

### **Related progress on facility permitting and licensing path**

Although one would typically wait for a power purchase agreement and interconnection study before investing a substantial amount of time and money in obtaining permits for the potential project, I have chosen to continue to move ahead anyway as seen below.

Much progress has been made on the permitting and licensing path for the Cassia wind projects. Since land where these projects will be constructed is owned by members of the wind projects, and because county roads and utilities border the properties, access controls (easements etc.) to land for roads, utilities etc are not an issue. I own the land for one of the projects, and another member of the LLC owns the other property. Attachment C is a letter providing Cassia Wind Farm LLC with the option of arranging a wind farm on the other property.

In addition to owning the land, extraordinary efforts are being taken to ensure a smooth completion of the permitting process. One such effort is arranging a land swap for a neighboring land owner that wants land further away from the project.

I have been in contact with Bureau of Land Management, Idaho Fish and Game, the Twin Falls planning and zoning administration as well as the Idaho Transportation Department. In the farm project an Avian Impact study was

performed this spring. Completion of the interconnection study will be required before finalizing easements and collecting details for final permits.

Renaissance Engineering has been involved with site selection as well as site planning etc. We have gone through three phases of preparation and are waiting for interconnection agreements to be finalized before finishing the site planning.

In addition to the work above, and even though I do not even have a draft for a power purchase agreement under PURPA, I submitted my form 556 and self-certification as a qualifying facility under PURPA as a small power production facility in July. QF05-180-000, QF05-170-000

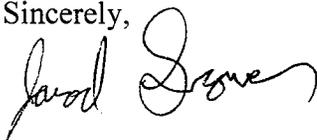
To complete the permitting process I am required to wait for a Power Purchase agreement before spending the large amounts of money required to complete foundation studies and micrositing placement study for Turbines. Not having a Power Purchase Agreement is halting my progress in this regard. ]

Hopefully you will agree that the work that has been done to complete the projects have made substantial progress, on a viable project, and that they are as mature as they can be without an approved Power Purchase Agreement.

I request that you accept my projects as viable and sufficiently mature for grandfathering under order 29839 and prepare a Power Purchase agreement for my projects so that I can continue with, and complete the projects.

Please contact me if further clarification or additional information is needed.

Sincerely,



Jared Grover,  
Manager, Cassia Wind Farm LLC  
Cassia Gulch Wind Park LLC

Jared Grover  
Cassia Wind Farm LLC  
Cassia Gulch Wind Park LLC  
4219 N Creswell Way  
Boise ID 83713  
(208) 371-4066, (208) 323-6155 fax

8/25/2005

Idaho Power Company  
Attn: Randy Allphin  
PO Box 70  
Boise Idaho 83707

Dear Mr. Allphin

This letter is written in addition to the response of your request on August 8, 2005 for information relating to my proposed projects. Although further information has not been requested to determine the "grandfathering status" of my projects, and notwithstanding the confidential nature of these documents, I have decided to submit several items. I believe the attached letters will provide helpful information in determining the maturity and level of investment into my projects.

**Attachment D** is a letter from Brian Jackson of Renaissance Engineering & Design PLLC in which he discusses my projects and our projects. Brian has been involved with the Bell Rapids project since data collection for wind began. He has done extensive analysis on the data on the farm project and since my location is part of the farm project, I have been able to use his work for analysis in addition to the wind data for my site. At the time I was considering purchasing additional land from the local irrigation company which would add value to my projects.

Since that time, I have bid on, and committed to purchase almost 700 acres from the farm project. **Attachment E** is a faxed letter from the local irrigation project that is selling me the land. As you can imagine, with current bids for land on the project being over \$300 per acre, my purchase of an additional 700 is one of several substantial investments I have made to make these wind projects a reality.

**Attachment F** is a letter from Renaissance Engineering & Design PLLC which discusses the maturity, and progress that has been made on my projects.

Please include these attachments with the other items submitted previously. Please contact me if further clarification or additional information is needed.

Sincerely,



Jared Grover,  
Manager, Cassia Wind Farm LLC, Cassia Gulch Wind Park LLC