

APPENDIX DR-2 (CONFIDENTIAL)

080512-EQ

FUEL SUPPLY

Two members of Vision's team, Mr. Bruce Nason and Mr. Jim Minner, have been growing sweet sorghum since 1981, and for the last two years have been growing test acreage for Vision to determine type, tonnage and yields best suited for central Florida for both ethanol and bagasse yields.

Based on these proprietary plantings, the anticipated sweet sorghum yield is [redacted] tons/acre and bagasse yield to be used for boiler fuel is [redacted] tons/acre at [redacted] moisture content with [redacted] MMBtus/wet ton.

For Vision's financial and operational model Vision is only using [redacted] tons sweet sorghum and [redacted] tons bagasse/acre at [redacted] moisture content and [redacted] MMBtus/wet ton for a safety factor of [redacted] to account for any and all adverse crop conditions. Also attached as part of this Appendix DR-2 (CONFIDENTIAL), please find two reputable independent expert letters confirming Vision's numbers.

Two sweet sorghum crops and one replenishment crop will be grown per acre per year. On average 160 acres will be harvested and planted each day. The project has equipment to plant and harvest [redacted] acres per day if weather causes delays in daily planting and harvesting.

Based on the two crops per year sweet sorghum, 26,000 acres will be needed for crop rotation and Vision controls 30,000 acres for an additional 15% safety factor, over and above the [redacted] yield per acre safety factor.

Vision, solely, intends to provide all of the fuel it requires on land it controls. Vision has no direct experience with sweet sorghum as a fuel source but has over 10 years experience with other forms of biomass fuels.

- COM _____
- ECR _____
- GCL _____
- OPC _____
- RCP _____
- SSC _____
- SGA 1
- ADM _____
- CLK _____

DOCUMENT NUMBER-DATE

08855 SEP 19 88

FPSC-COMMISSION CLERK



UNIVERSITY OF KENTUCKY

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College of Agriculture
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www.uky.edu/Ag/Agronomy/Department

August 22, 2008

Russell W. Spitz, President
Vision Power Systems
3733 Crown Point Rd.
Jacksonville, FL 32257

Dear Russell:

I am writing on behalf of Bruce Nason and in regard to the production of sweet sorghum for ethanol. I have worked with many groups in the United States as well as in over 20 other countries on the production of sweet sorghum for ethanol.

I am on the Board of Directors of an International Bio-fuels group based in Germany and have been overseeing the production of sweet sorghum in Paraguay. This past summer, we produced over 60 tons of wet biomass per acre. Other data that I have seen from the more tropical areas and the southern United States indicates that up to [redacted] tons of wet biomass from the sweet sorghum variety [redacted] is quite reasonable and expected with adequate rainfall. This would yield [redacted] tons of dry matter per acre.

The other factor to consider is that it is possible to get at least 2 crops of sweet sorghum per year in Central and Southern Florida. This will double the output of the crop per year. Sweet sorghum will produce more ethanol per acre per year than sugarcane in those areas where sugarcane is grown.

Sincerely,

A handwritten signature in black ink that reads "Morris J. Bitzer".

Morris J. Bitzer
Professor Emeritus
Sweet Sorghum Breeder

Cc: Bruce Nason
Attachment: Brief resume



INSTITUTE OF AGRICULTURE AND NATURAL RESOURCES
DEPARTMENT OF AGRONOMY AND HORTICULTURE

August 22, 2008

Mr. Russell W Spitz, President
Vision Power Systems
3733 Crown Point Rd
Jacksonville, FL 32257

Dear Mr. Russell:

This letter is in response to Mr. Bruce Nason inquiry in regard to attainable tonnage of the sweet sorghum cultivar [REDACTED]. Based on our experience with [REDACTED] I believe that [REDACTED] tons/acre is with reach under your conditions. This cultivar is one of the best biomass producers among the sweet sorghum cultivars that we work with. Please contact me if you need additional information.

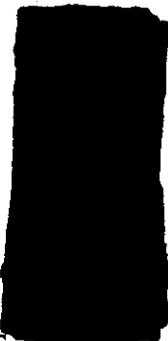
Sincerely,

A handwritten signature in black ink, appearing to read "Ismail Dweikat", written over a horizontal line.

Ismail Dweikat
Associate Professor
279 Plant Sciences
Agronomy and Horticulture Dept.
University of Nebraska
Lincoln, NE 68583-0915

APPENDIX DR-4 (CONFIDENTIAL)

**VISION POWER SYSTEMS, INC.
ELECTRICAL FACILITIES**

Plant	Service *	Capacity	Units	Fuel	In Service Date
V/SOB	S&P	2.7 MW	4 - 900 IC		
V/AMER	S&P	4.5 MW	4 - 1500 IC		
V/BUSH	S&P	1.8 MW	2 - 900 IC		
V/Z	S&P	1.8 MW	3 - 900 IC		
V/NE	S&P	6 MW	1 - 6 MW BPT		
V/REN	S&P	5 MW	1 - 5 MW T BPT		
V/ER	S&P	4 MW	1 - 4 MW BPT		
V/ZW	S&P	25 MW	1 - 25 MW COND T		
V/DAM	S&P	25 MW	1 - 7 MW BPT & 1 - 18 MW COND T		

* Synchronous and Parallel

APPENDIX DR-6 (CONFIDENTIAL)

LAND ACQUISITION

For several weeks, Vision has been in serious negotiations with land owners in Osceola County, including [REDACTED] for use of [REDACTED] acres. While Vision had hoped to assure the Commission that it had at least an executed option agreement in place by the date of this response, Vision anticipates that negotiations will continue for at least another few weeks. As evidenced by the financing commitment, both Vision and its backers are dedicated to completion of the project and have reasonable expectations of promptly securing an interest in suitable farm land. Vision agrees that as soon as an option or other instrument securing that interest is imminent or in place, Vision will advise the Commission staff and provide such supporting information as is necessary.