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August 29, 2008

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08 AUG 29 PM 3:15
COMMISSION
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VIA HAND DELIVERY

Ms. Ann Cole
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: DOCKET NO. 080512-EQ - Petition for Approval of a Negotiated Power Purchase Contract for Purchase of Firm Capacity and Energy with Vision/FL, LLC, by Progress Energy Florida, Inc.

By this letter, Vision/FLI, LLC ("Vision" or "Company") provides responses to the Commission's staff's August 13th data requests. An original and five (5) copies of this letter are enclosed.

Thank you for your assistance in this matter. Please call me at 850-425-1614 if you have any questions.

Sincerely,

Matthew Feil

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

Jean Hartman (by hand delivery)
Phillip Ellis (by hand delivery)
John Burnett (by U.S. mail)

Enclosures

DOCUMENT NUMBER DATE
07973 AUG 29 08

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Vision/FL I, LLC¹ Responses to Staff August 13 Data Requests
Docket No. 080512-EQ

- 1. Please provide a Gantt chart for the Qualifying Facility for any and all major issues, milestones, or critical deadlines, including but not limited to: Land Acquisition, Zoning, Permitting (such as those relating to Zoning, Construction, or Water Use), Construction, Testing, Transmission, and Delivery of Capacity. Please identify each permit separately in the Gantt chart.**

See Attached Appendix DR-1.

- 2. As stated in the Contract in Appendix C III, "Fuel Supply," Vision intends on using sweet sorghum as a fuel crop.**
 - a) Please provide general information on sweet sorghum for staff reference. Include such information as historic and forecasted harvest yields per acre, planting frequency and schedule, and replenishment crop planting frequency and schedule. Please make special notes with regard to any factors of safety in these considerations in the event of adverse crop conditions.**
 - b) Please provide any documentation relating to Vision Power System's experience with the production of sweet sorghum or its use as a fuel.**

See Appendix DR-2 (CONFIDENTIAL), filed under separate cover.

- 3. Appendix C, "Plant Dispatchability/Controllability" of the Contract states that each unit would undergo 6 cycles per year, with downtime to not exceed 100 hours/year during the first 5 to 7 years, with a 10%-15% increase after this time period. Please provide an expected maintenance schedule for the Qualifying Facility, including frequency and duration of planned maintenance, for each time period discussed above.**

The information of six cycles per year, not to exceed 100 hours per year, was for a worst case scenario.

¹ On and for its own behalf and that of its affiliates, including Vision Power Systems, Inc.

As seen from the fuel supply information (responses to Data Requests 2 and 7) there are substantial fuel safety coverages, so that there is always an ample supply of fuel.

Four (4) boilers provide the required steam to produce 50 MW, 40 sold to PEF with five (5) boilers being installed with one boiler to be a hot backup with all five boilers being rotated with a required down time for each so that PM can be accomplished without anticipated interruptions or curtailment of steam supply.

Two (2) steam turbines are being installed. With good water/steam quality, steam turbines are most reliable and operate years without major maintenance. For the first seven years an annual inspection of the two main bearings will be made. The inspection, allowing time for cool down will take 24 hours at most so for a total of 48 hours per year only 20 MW will be available. Either in the 7th or 8th year, depending upon the annual inspections, the two main bearings would be replaced, so the total time only 20 MW would be available is 72 hours.

- 4. Vision Power Systems has provided a list of Electrical Facilities and their equipment in Appendix C II of the Contract. Please provide more detailed information regarding power systems, capacity factor, unit rating, fuel type, location, and in-service date for these facilities?**

See Appendix DR-4 (CONFIDENTIAL), filed under separate cover.

- 5. Please provide a description of Vision's financing arrangement for construction of the Qualifying Facility.**

Vision received a commitment letter dated August 12, 2008, from a national securities brokerage firm to provide financing for Vision's project with Progress. The financing is contemplated to include both construction term financing and long-term debt for the project. The financing will be arranged via private placement with institutional investors. If necessary, a copy of said letter can be provided to staff, subject to confidential treatment by the Commission.

- 6. Please provide a description of Vision's arrangement with regard to land acquisition, for the Qualifying Facility.**

See Appendix DR-6 (CONFIDENTIAL), filed under separate cover.

- 7. Please explain how Vision will secure its fuel supply. If another party is supplying the fuel, please provide its name and relationship to Vision.**

See Appendix DR-2 (CONFIDENTIAL), filed under separate cover.

**APPENDIX DR-1
Timeline From PSC Approval**

	<u>Month</u> <u>1</u>	<u>Month</u> <u>2</u>	<u>Month</u> <u>3</u>	<u>Month</u> <u>4</u>	<u>Month</u> <u>5</u>	<u>Month</u> <u>6</u>	<u>Month</u> <u>7</u>	<u>Month</u> <u>8</u>	<u>Month</u> <u>9</u>	<u>Month</u> <u>10</u>	<u>Month</u> <u>11</u>	<u>Month</u> <u>12</u>	<u>Month</u> <u>13</u>	<u>Month</u> <u>14</u>	<u>Month</u> <u>15</u>	<u>Month</u> <u>16</u>	<u>Month</u> <u>17</u>	<u>Month</u> <u>18</u>
Permits																		
Zoning	-----	-----	-----	-----														
Construction			-----	-----	-----													
Emissions	-----	-----	-----	-----	-----	-----	-----											
Consumptive Use Water	-----	-----	-----	-----	-----													
Disposal Plant	-----	-----	-----	-----														
Transmission Connection	-----	-----																
Land																		
Control																		
Preparation	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Growing				-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Construction																		
Engineering	-----	-----																
Site Work			-----	-----	-----													
Foundations					-----	-----	-----	-----										
Ethanol Plant Equipment						-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Power Plant Equipment						-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CO ₂ Plant Equipment									-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Transmission Interconnection												-----	-----	-----	-----	-----	-----	-----
Commissioning/Testing																	-----	-----