State of	Florida	ORIGINAL Jublic Service Commisse Capital Circle Office Center • 2540 Shumard Oak H Tallahassee, Florida 32399-0850 -M-E-M-O-R-A-N-D-U-M-	000 CELEIVED FPSC BOMMISSION CLERK
DATE:	April 14, 2006		
TO:	Blanca S. Bayó, Commission Clerk and Administrative Services Director		

FROM: Roberta S. Bass, Assistant to Chairman Edgar

RE: Re: Meeting with Biomass Investment Group

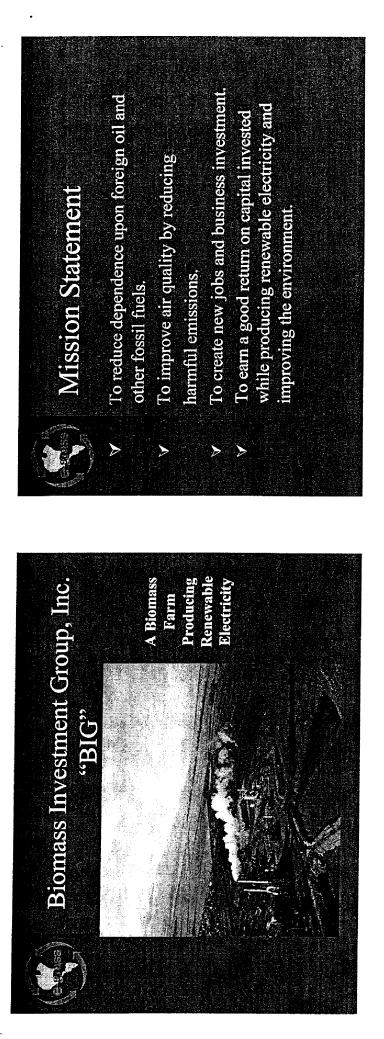
On February 21, 2006, Chairman Edgar and I met with Schef Wright and Kevin Mills, representing the Biomass Investment Group (Biomass). The meeting was a technical briefing on their proposed development of biomass projects in Florida. Toward the end of the conversation, Mr. Wright mentioned that Biomass would be applying for QF status in Florida, but the merits of that request were not discussed.

Because there is no pending proceeding, and because the conversation did not involve the merits of a potential QF status issue, it appears the conversation was not prohibited by Section 350.042, F.S. Nevertheless, in an abundance of caution that a petition is filed within 90 days of the date of the meeting, I am requesting that this memo and the attached copies of meeting materials be placed on the public record pursuant to Section 350.042(6), F.S. Please place these documents in Docket No. 060000. If a docket is opened within 90 days, I will request that the materials be placed at that time in the docket file.

If you have any questions regarding this request, please let me know.

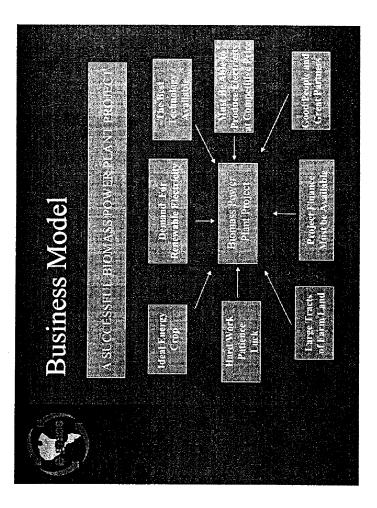
DOCUMENT NUMBER-DATE 03345 APR 148

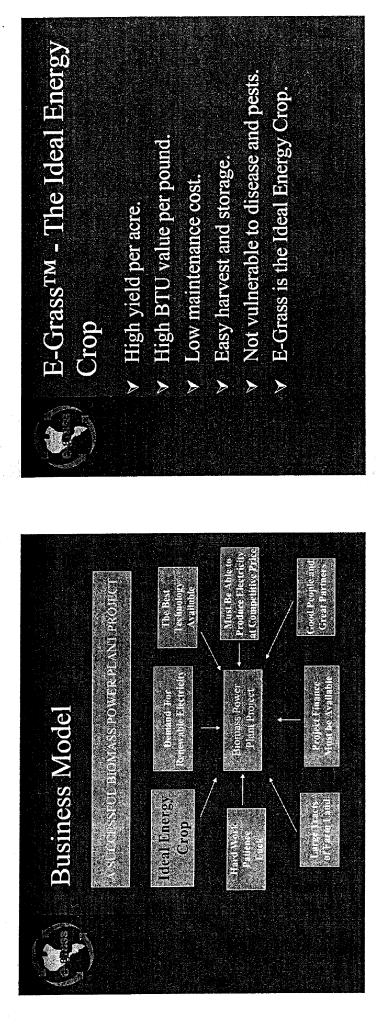
FPSC-COMMISSION CLERK



The Business Model

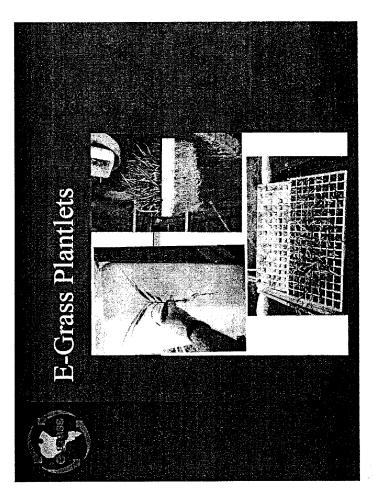
We can meet the objectives of our Mission Statement by utilizing the Business Model that we have developed.



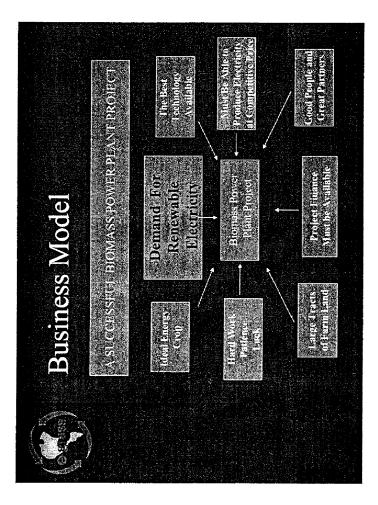


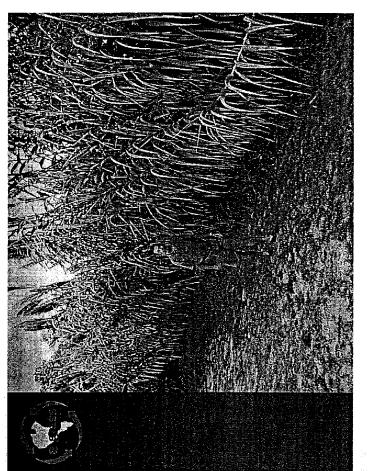


- ✓ Yields 15-20 dry tons per acre per harvest.
- You can get two harvests per year in warm climates with adequate rainfall. ×
- Approximately 8,000 BTUs per pound. ≻
- The Company has obtained a proprietary method of tissue culturing plantlets. ≻
 - You can use conventional methods for harvesting the crop. >
- The crop is basically free of plant disease and insect infestation. Þ



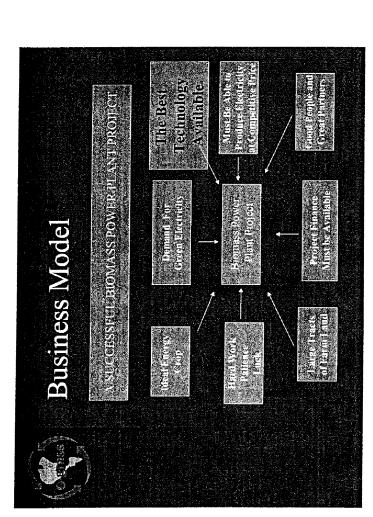


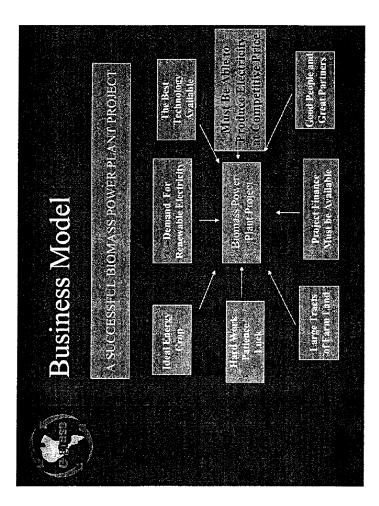




) Demand for Renewable Electricity

- ✓ Currently, 21 states have adopted portfolio requirements.
- The US military and many US governmental agencies have adopted goals for the utilization of renewable electricity.
- Many municipal and other power distribution systems have established green electricity programs.
 - Almost all electric utility companies are seeking better and more stable fuel costs.





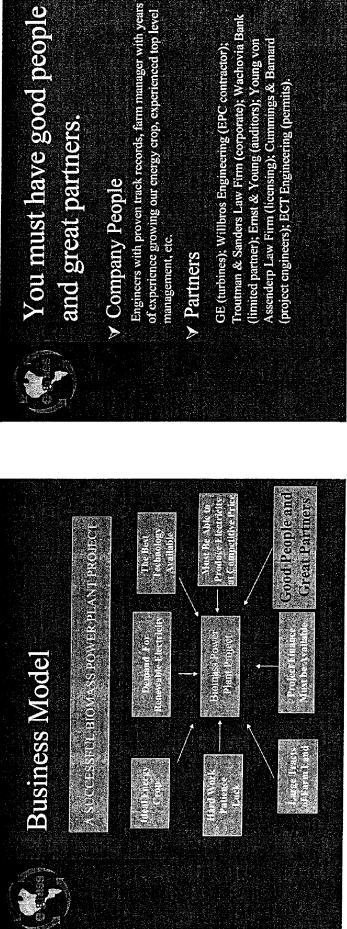
You must Use the Best Technology Available

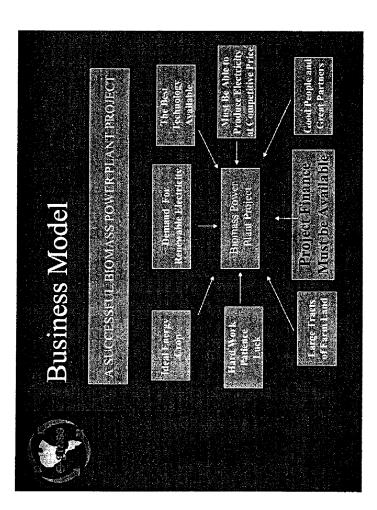
 Older technology consists of burning biomass in a furnace in a simple cycle process. > By using a process (fast pyrolysis) that can convert the biomass into a gas or oil, you can use the gas or oil as fuel in a gas turbine as part of a combined cycle process for increased efficiency.

BIG has developed proprietary fast pyrolysis technology that allows it to convert E-Grass into a biooil and use it in a combined cycle process. Using this process enables BIG to be able to produce renewable electricity at competitive prices.

You must be able to produce electricity at a competitive price

- ✓ You must plant, grow and use the ideal energy crop. (BIG has E-Grass)
- The power plant must utilize a combined cycle power plant. (BIG will utilize fast pyrolysis as part of a combined cycle power plant)
 - V The power plant must be located on or near the biomass farm to reduce fuel transportation costs.
- Recent increases in fossil fuel prices has resulted in BIG being able to use biomass to produce electricity at prices lower that electricity produced from fossil fuels

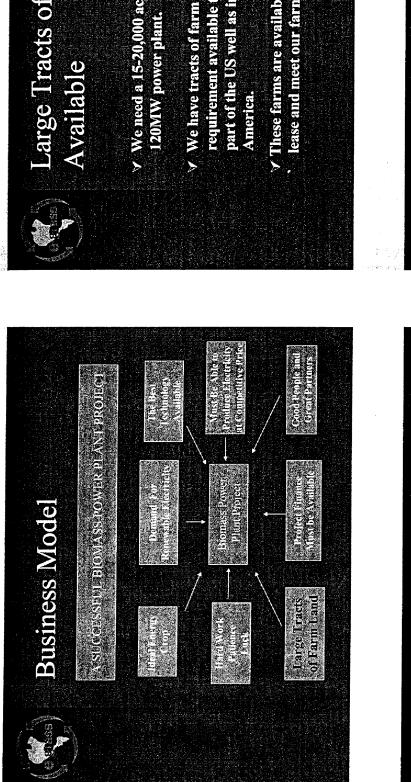


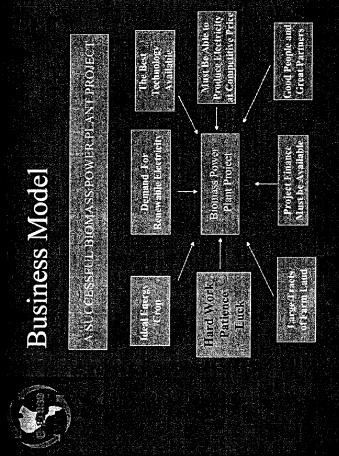


Project Finance Must Be Available

✓ Must have a long-term PPA with a credit- Project must be able to stand on its own Must have an EPC contractor that will financially; i.e. income to debt service guarantee price and performance. worthy purchaser.

ratio.





Large Tracts of Farm Land

V We need a 15-20,000 acre farm for our standard

requirement available to us in the southeastern V We have tracts of farm land that meet this part of the US well as in Mexico & South

✓ These farms are available for purchase and/or lease and meet our farming requirements.

Hard Work, Patience & Luck

 $\sqrt{-1}$ This has been a 24/7 project for the past 5 years. V We have developed the best system available today to convert biomass into electricity.

world and developed a method of producing plantlets V We have identified the best energy crop in the at a reasonable cost in an efficient manner.

fuels, the demand for renewable energy sources is at ✓ Due to the high cost and price volatility of fossil an all-time high.

* "Hard work is the mother of luck!"



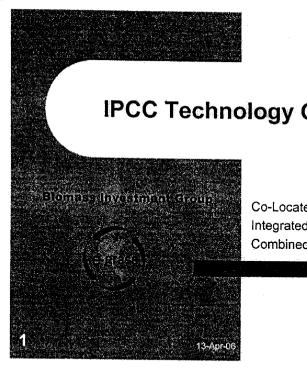
- projects (biomass farm with a power plant) in Develop 2-3 standard 120MW biomass Florida over the next 4 years.
- bio-oil from our biomass farm(s) in Mexico as ✓ Develop several projects in the northeastern area of the US over the next 5-7 years using the fuel.
- ✓ Develop several projects over the next 5-7 years in other counties around the world to help them meet their energy needs with biomass rather than foreign oil.



198 Gulf Breeze Parkway Suite Gulf Breeze, Florida 32561 Biomass Investment Grou

850-916-1300

Kevin Mills, VP Process Operations For more information contact: Jim Wimberly, President Allen Sharpe, CEO



IPCC Technology Overview

Co-Located Farm and Integrated Pyrolysis **Combined Cycle**

> IPCC Technology Overview Kevin J. Mills kevin@egrass.com (850) 916-1300

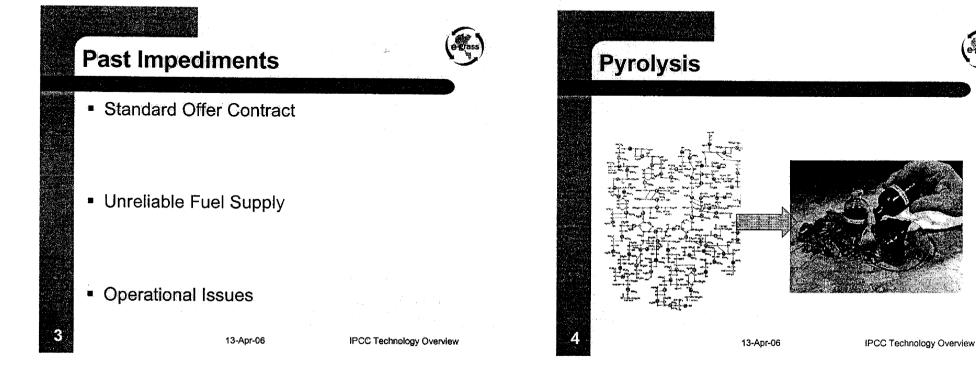
Discussion Outline

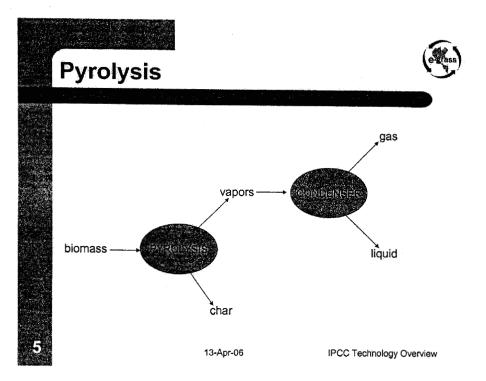


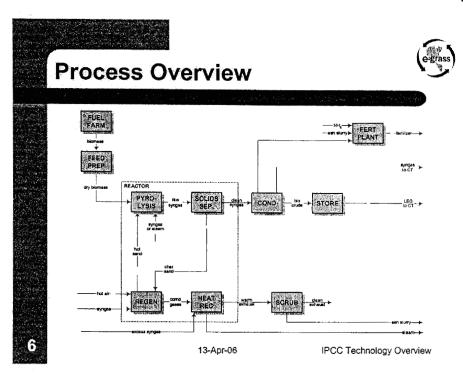
- Biomass Renewables Past Impediments
- Pyrolysis
- Process Overview
- Project Team
- Permitting & Licensing

13-Apr-06

IPCC Technology Overview



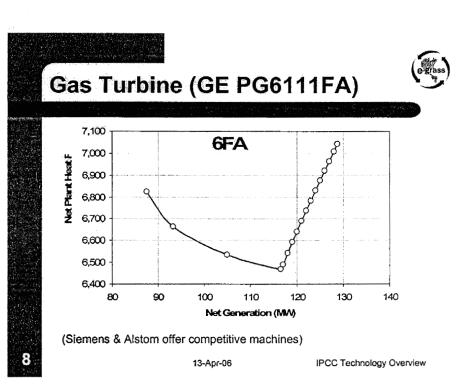




Project Team



- Willbros Engineering Inc. (EPC)
- Environmental Consulting & Technology (permitting)
- Young van Assenderp (siting & licensing)
- Fieldstone (financial advisors)
- PIC Mareubi Energy Group (O&M)
- Invensys (enterprise IT architects)
- Cummins & Barnard (owner's engineers)



IPCC Technology Overview

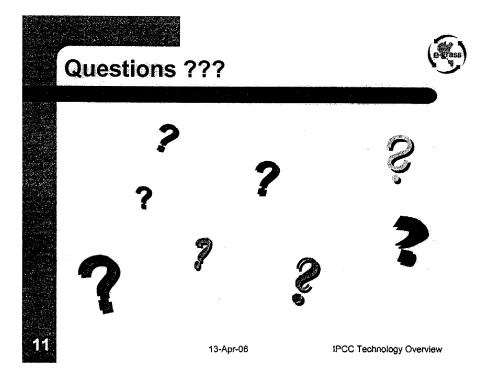
Permitting Overview

O grass

- No Siting < 75 MW Steam Turbine & PPA</p>
- Requesting State QF Status
- Water Use within existing farm permits
- Storm Water Runoff within existing farm permits
- Air Construction 100 km from Class I
- ERP existing farm already has
- Zoning Change local is supportive



IPCC Technology Overview



Criteria Air Emissions



UNCONTROLLED

NO NO	x	175 tpy		
. = SO	2	390 tpy		
∎ Par	ticulate	190 tpy		
• CO	(15 ppmv uncontrolled)	205 tpy		
• VO	C	120 tру		
• SO		195 tpy		
Synthetic Minor PSD Permit				
	13-Apr-06	IPCC Technology Overview		