





Power

JAMES A. MCGEE SENIOR COUNSEL

February 8, 1996

Ms. Blanca S. Bayó, Director Division of Records and Reporting Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399-0850

Re: Docket No. 950110 EI

Dear Ms. Bayó:

Enclosed for filing in the subject docket are fifteen copies of the amended rebuttal testimony of Brian A. Morrison. Most of Mr. Morrison's exhibits are documents claimed by Panda-Kathleen L.P. to be confidential in their entirety and have therefore been omitted from these copies. In addition, those portions of Mr. Morrison's testimony containing information derived from these documents have been redacted.

Also enclosed in a sealed envelope is a copy of Mr. Morrison's testimony with the confidential information highlighted and the confidential exhibits included, as well as a 3.5 inch diskette containing the testimony in WordPerfect format. This material should be held as Confidential Information in accordance with
Rule 25-22.006, F.A.C. Counsel for Panda-Kathleen L.P. has advised the undersigned that a Notice of Intent to Request Confidential Classification will be
filed with the Commission on February 9, 1996, contemporaniously with this filing.

GENERAL OFFICE

3201 Thirty-fourth Street South • Post Office Box 14042 • St. Petersburg, Florida 33733-4042 • (813) 866-5184 • Fax: (813) 866-4931

A Florida Progress Company

AFE

Please acknowledge your receipt of the above filing on the enclosed copy of this letter and return to the undersigned. Thank you for your assistance in this matter.

Very truly yours,

James A. McGee

JAM/jb Enclosure

cc: Parties of record

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Standard Offer Contract for the purchase of firm capacity and energy from a qualifying facility between Panda-Kathleen, L.P. and Florida Power Corporation.

Docket No. 950110-EI

Submitted for filing: February 9, 1996

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the Amended Rebuttal Testimony of Brian A. Morrison has been furnished to David L. Ross, Esq., Greenberg, Traurig, Hoffman, Lipoff, Rosen & Quentel, P.A., 1221 Brickell Avenue, Miami, Florida 33131 and Martha Carter Brown, Division of Legal Services, Florida Public Service Commission, 2450 Shumard Oak Blvd., Tallahassee, Florida 32399-0892, by express delivery this 8th day of February, 1996

OFFICE OF THE GENERAL COUNSEL FLORIDA POWER CORPORATION

James A. McGee

Post Office Box 14042

St. Petersburg, FL 33733-4042

Telephone: (813) 866-5786 Facsimile: (813) 866-4931

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Standard offer Contract for the purchase of firm capacity and energy from a qualifying facility between Panda-Kathleen, L.P. and Florida Power Corporation.

Docket No. 950110-EI

Submitted for filing: February 8, 1996

CALE CODY

AMENDED REBUTTAL TESTIMONY OF BRIAN A. MORRISON

ON BEHALF OF FLORIDA POWER CORPORATION

Redacted Version

OCCMENT NUMBER-DATE
01583 FEB-9#

FPSC-RECURBS/REPORTING

FLORIDA POWER CORPORATION DOCKET No. 950110-El

AMENDED REBUTTAL TESTIMONY OF BRIAN A. MORRISON

1	a.	Please state	your name and business ad	ldress.
2	A.	Brian A. Mo	rrison, 800 Third Avenue,	, Suite 2300, New York, NY
3		10022.		
4				
5	α.	By whom are	you employed and in wha	t capacity?
6	Α.	l am employe	ed by Morrison & Kibbey Lt	d. as a Managing Director.
7				
8	α.	What type of	an organization is Morriso	n & Kibbey, Ltd.?
9	Α.	Morrison & K	libbey Ltd. is an investmen	t banking firm.
0				
1	a.	What specific	cally do you do for Morriso	n & Kibbey?
2	Α.	Like my other partners, I am responsible for assisting our clients in		
3		developing new corporate financing strategies and the implementation		
4		of these strat	tegies.	
5				
6	a.	Please descri	be your educational and bu	usiness background.
7	Α.	<u>Education</u>		
8		1971-1975	Georgetown University	BS - Mathematics
9			Scholarships:	George F. Baker Trust
0				Francis Ouimet Foundation

II.				
1	i	1977-1979	Harvard Business School	MBA - Finance
2			Scholarships:	George F. Baker Trust
3				Danforth Memorial Fellowship
4		<u>Business</u>		
5		1993-Present	Morrison & Kibbey Ltd.	Managing Director
6	[1986-1993	Hicks Morrison & Co.	Managing Director
7	i i	1985-1986	Amvest Capital Corp.	Senior Vice President
8		1982-1985	Dean Witter Reynolds	First Vice President
9		1979-1982	Shearson/American	
10			Express	Assist. Vice President
11		1976-1978	Citibank, N.A.	
12		A copy of my	resume is attached as Exhi	bit No (BAM-1).
13				
14	α.	Have you wo	rked in the area of financing	of cogeneration projects?
15	Α.	Yes extensive	aly.	
16				
17	a.	In what capa	city?	
18	Α.	In our role ad	cting as financial advisor an	d placement agent we have
19		developed ar	nd/or implemented financing	g plans for over 40 power
20		projects repre	esenting in excess of 1,350	MW of generating capacity.
21				
22	α.	For how mai	ny cogeneration projects hav	ve you worked on financing?
23	Α.	16, totalling	over 540 MW.	
24				
25	α.	What is the p	ourpose of your testimony?	
	25			

A. The purpose of my testimony is to rebut the direct testimony pre-filed by Panda-Kathleen, L.P., that stated that "Panda's ability to meet the construction start date of January 1, 1996, and the in-service date of January 1, 1997, has been jeopardized solely as a result of Florida Power's actions in attempting to disown the contract." (Emphasis added.) Testimony of Ralph Killian, page 37, lines 9-13.

Q. On what do you base the testimony contained herein?

- A. I based my testimony on my review of the Panda/Florida Power Standard Offer Contract, the Commission's Rule 25-17.0832, F.A.C., documents produced by Panda in discovery, and on my direct experiences in representing numerous private power developers in assisting in the development and implementation of various types of project financing structures.
 - Are you familiar with Panda's corporate structure as it pertains to this proceeding?
 - Yes. Three corporate entities appear in the documents: Panda-Kathleen, L.P.; Panda-Kathleen Corporation; and, Panda Energy Corporation. Florida Power entered into a Standard Offer Contract with Panda-Kathleen, L.P., a Delaware Limited Partnership. Panda-Kathleen Corporation is the general partner to Panda-Kathleen, L.P. and is a subsidiary of the parent corporation, Panda Energy Corporation. Except where my testimony pertains specifically to one of these entities, I will refer to these various Panda corporations as Panda.

- Q. Are you aware that Panda-Kathleen, L.P., has failed to meet the construction start date of January 1, 1996?
- A. Yes.
- Q. Are you also aware that on January 25, 1995, Florida Power filed a Petition for Declaratory Statement with the Florida Public Service Commission raising issues of the interpretation and application of Rule 25-17.0832, F.A.C., with respect to the Panda/Florida Power Standard Offer Contract?
- A. Yes.
- Q. Based on your review of documents and your experience in the financing of the development of power facilities, was Panda-Kathleen, L.P.'s, failure to meet the construction start date "solely the result of Florida Power's actions?"
- A. No.
- Q. What reasons would you cite for Panda-Kathleen, L.P.'s failure to meet its construction start date?
- A. Panda was experiencing difficulty in a number of areas prior to January 25, 1995. I've outlined below some of the issues that lenders were aware of and expressed concern about regarding the Panda-Kathleen project. The first issues involved the regulatory issues of whether Florida Power would be required to purchase power in excess of 74.9 MW under the Panda/Florida Power Standard Offer Contract and the

Commission's Cogeneration Rules, and
Second,

Finally, the economics of the project in general lead to Panda-Kathleen, L.P., "mothballing" the project for a period of time. These issues would lead any lender to more carefully analyze both the project and the financial condition of the developer. See Exhibit No.___ (BAM-2); Exhibit No.___ (BAM-3); Exhibit No.___ (BAM-4); Exhibit No.___ (BAM-5); Exhibit No.___ (BAM-6); Exhibit No.___ BAM-7); Exhibit No.___ (BAM-8); Exhibit No.___ (BAM-9); Exhibit No.___ (BAM-10); Exhibit No.___ (BAM-11); Exhibit No.___ (BAM-12); Exhibit No.___ BAM-13); Exhibit No.___ (BAM-14); Exhibit No.___ (BAM-15); Exhibit No.___ (BAM-16); Exhibit No.___ (BAM-17); Exhibit No.___ (BAM-18); and, Exhibit No.___ (BAM-19).

- Q. Please describe the steps typically followed by the developer of a cogeneration project in obtaining financing for the project.
- A. Typically, a developer will have completely finalized the site acquisition, the power purchase agreement, the outstanding permit issues, the fuel supply, the equipment configuration, the Engineering Procurement & Construction contract, the insurance policies and the thermal contract, if any.

1	1 Q. Based on the doc	uments produced by Panda which you have reviewed,
2	at what stage in t	he process of obtaining financing was Panda-Kathleen,
3	3 L.P., on January	24, 1995?
4	4 A. Based upon my re	eview of the documents provided, there still seemed to
5	be a significant	number of items to be resolved in all of the
6	6 aforementioned	areas which would be of concern to any institutional
7	7 lender from a due	e diligence standpoint.
8	8	
9	9	
10	10	
! 1	11	
12	12	
ا ۱		
13	13	
	14	See
14	14	See AM-3); Exhibit No(BAM-4); Exhibit No(BAM-6);
14 15	Exhibit No(BA	
14 15	Exhibit No(BA	AM-3); Exhibit No(BAM-4); Exhibit No(BAM-6);
14 15 16	Exhibit No(BA Exhibit No (BAM-22); Exhibit	AM-3); Exhibit No (BAM-4); Exhibit No (BAM-6); BAM-20); Exhibit No (BAM-21); Exhibit No
14 15 16	Exhibit No(BA Exhibit No (BAM-22); Exhibit	AM-3); Exhibit No (BAM-4); Exhibit No (BAM-6); BAM-20); Exhibit No (BAM-21); Exhibit No (BAM-24); Exhibit
14 15 16 17 18	Exhibit No(BA Exhibit No (BAM-22); Exhibit No (BAM-25)	AM-3); Exhibit No (BAM-4); Exhibit No (BAM-6); BAM-20); Exhibit No (BAM-21); Exhibit No (BAM-24); Exhibit
14 15 16 17 18 19	Exhibit No(BA Exhibit No (BAM-22); Exhibit No (BAM-25) 19 20 Q. In terms of the to	AM-3); Exhibit No (BAM-4); Exhibit No (BAM-6); BAM-20); Exhibit No (BAM-21); Exhibit No (BAM-24); Exhibit No (BAM-24); Exhibit No (BAM-24); Exhibit No (BAM-26).
114 115 116 117 118 119 220	Exhibit No(BA Exhibit No (BAM-22); Exhibit No (BAM-25) O. In terms of the total	AM-3); Exhibit No (BAM-4); Exhibit No (BAM-6); BAM-20); Exhibit No (BAM-21); Exhibit No (BAM-23); Exhibit No (BAM-24); Exhibit No (BAM-24); Exhibit No; and, Exhibit No (BAM-26).
14 15 16 17 18 19 20 21	Exhibit No(BA Exhibit No (BAM-22); Exhibit No (BAM-25) O. In terms of the total	AM-3); Exhibit No (BAM-4); Exhibit No (BAM-6); BAM-20); Exhibit No (BAM-21); Exhibit No (BAM-24); Exhibit No (BAM-24); Exhibit No (BAM-24); Exhibit No; and, Exhibit No (BAM-26). Improve required to obtain financing, was this project on the enecessary financing in order to meet the contractual
14 115 116 117 118 119 20 21	Exhibit No(BA Exhibit No (BAM-22); Exhibit No (BAM-25) O. In terms of the total track to obtain the milestones for co	AM-3); Exhibit No (BAM-4); Exhibit No (BAM-6); BAM-20); Exhibit No (BAM-21); Exhibit No (BAM-24); Exhibit No (BAM-24); Exhibit No (BAM-24); Exhibit No; and, Exhibit No (BAM-26). Improve required to obtain financing, was this project on the enecessary financing in order to meet the contractual

1	See Exhibit No (BAM-20); Exhibit No (BAM-21); Exhibit
2	No (BAM-22); Exhibit No (BAM-23); Exhibit No (BAM-24);
3	Exhibit No (BAM-25); and, Exhibit No (BAM-37).
4	
5	Q. To your knowledge, was Panda-Kathleen, L.P.'s, financing for the
6	project in place by that date?
7	A. No.
8	See Exhibit No (BAM-20);
9	Exhibit No (BAM-21); Exhibit No (BAM-22); Exhibit No
10	(BAM-23); Exhibit No (BAM-24); Exhibit No (BAM-25); Exhibit
11	No (BAM-26); and, Exhibit No (BAM-27).
12	
13	Q. Do you believe that Panda-Kathleen, L.P., would have been able to
14	obtain financing after January 24, 1995, if Florida Power had not filed
15	the Petition for Declaratory Statement on January 25, 1995?
16	A. No. The regulatory issues concerning the size of the facility
17	
18	had to be resolved before a lender would likely agree to
19	finance the project. Even before Florida Power filed its Petition, lenders
20	were aware of and concerned about those issues. The letter dated June
21	23, 1994, from Ted Hollon of Panda to David Gammon of Florida Power
22	outlines concern on behalf of prospective lenders regarding the issue of
23	what price, if any, Florida Power was going to pay for power delivered.
24	by the project in excess of the 74.9 MW limit in the standard offer≸
25	contract. <u>See</u> Exhibit No (BAM-5); Exhibit No (BAM-6); Exhibit

It is clear from the documents that Panda-Kathleen, L.P., had a problem 1 2 3 4 5 6 7 8 would have to have the in hand to review, and would also have 9 to look even more carefully at Panda's financial structure before 10 approving the lending for Panda's enhanced needs. See Exhibit No.____ 11 (BAM-6); Exhibit No.___ (BAM-7); Exhibit No.___ (BAM-8); Exhibit 12 No. (BAM-13); Exhibit No. (BAM-14); Exhibit No. (BAM-16); 13 and, Exhibit No. (BAM-17). 14 15 Q. You referred previously to the fact that Panda-Kathleen, L.P., 16 "mothballed" the project for a period of time. What does "mothballing" 17 the project mean to you? 18 A. It means stopping all progress on the project until certain obstacles 19 could be surmounted. 20 21 Q. Do you often see developers "mothball" their projects as Panda-22

Kathleen, L.P., did?

23

24

25

Lenders

configuration. For instance, if fuel costs or availability became an issue, a developer may shelve a project until they could resolve the outstanding fuel issues. One resolution might take the form of changing fuels or co-firing with another less expensive or readily available fuel. This could also be done in the event that the project loses its thermal host. This seemed to be the case with Panda-Kathleen, L.P., and its negotiations with Erly Juice.

- Q. What does the fact that the project was mothballed for a period of time indicate to you in terms of Panda-Kathleen, L.P., meeting its milestone dates?
- A. While one cannot directly relate Panda-Kathleen, L.P.'s, mothballing of the project to its failure to meet the construction start date, the mothballing is an additional symptom of a troubled project.
- Q. In addition to the issues already discussed, did you see any evidence that Panda-Kathleen, L.P., would not likely be able to obtain financing for its project?
- A. Yes.
- Q. Please describe those issues.
- A. The evidence that I saw that would indicate that Panda-Kathleen, L.P., would not be likely to obtain financing for the Panda-Kathleen project is as follows:

See Exhibit No.___ (BAM-29); and, Exhibit No. ___ (BAM-30). <u>See</u>

Any of these factors alone could cause any financial institution to pass on this transaction until such issues were resolved.

15	A. No.
16	
17	
18	
19	
20	No (BAM-19).
21	

1.	Are you familiar with the original configuration for the facility proposed
	by Panda-Kathleen, L.P., at the time Panda-Kathleen, L.P., submitted its
	standard offer?

- The various documents indicated that Panda-Kathleen, L.P., considered several different equipment configurations in order to generate a net capacity delivered of not more than 75MW.
- Q. Have you analyzed those original configurations from a financial perspective?
- Yes. I reviewed a truncated spreadsheet analysis dated December 23, 1993 for the 75MW Panda-Kathleen project. See Exhibit No. ___ (BAM-19).
- Q. Was the project as originally configured a viable project?



- Have you analyzed the internal financial structure of Panda Energy Corporation?
- Yes. Α.

22

23

obtaining financing. See Exhibit No. (BAM-31).

- Q. Does this conclude your testimony?
- A. Yes.

1

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-1) CONSISTING OF ONE PAGE

FPSC Docket No. 950110-EI FPC Witness: MORRISON Exhibit No. ______, (BAM-1) Sheet 1 of 1

BRIAN A. MORRISON

EXPERIENCE	:
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1993 - Present Morrison & Kibbey Ltd.

Managing Director

Leasing and project finance specialists with industry focuses in power generation, environmental, natural resources, forest products, pulp

and paper and food processing.

1986 - 1993 Hicks Morrison & Company Inc.

Managing Director

Leasing and project finance specialists with industry focuses in power generation, environmental, natural resources, forest products, pulp

and paper and food processing.

1985 - 1986 Amvest Capital Corporation

Senior Vice President

Leasing, project finance and real estate finance.

1982 - 1985 Dean Witter Reynolds, Inc.

First Vice President

Investment banking with a focus on private placements of equity and

debt.

1979 - 1982 Shearson/American Express Inc.

Assistant Vice President

Investment banking/Corporate finance.

1976 - 1978 Citibank, N.A.

International banking/Institutional investment.

EDUCATION:

1977 - 1979 Harvard Business School

MBA - Finance

1971 - 1975 Georgetown University

BS - Mathematics

FPSC DOCKET NO. 950110-EI EXHIBIT NOT. (BAM-2) CONSISTING OF FOUR PAGES

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-3) CONSISTING OF TWO PAGES

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-4) CONSISTING OF THREE PAGES

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FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-5) CONSISTING OF ONE PAGE

FPSC DOCKET NO. 950110-EI
EXHIBIT NO. ____ (BAM-6)
CONSISTING OF TWENTY-SIX PAGES

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-7) CONSISTING OF FIVE PAGES

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-8) CONSISTING OF TWO PAGES

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-9) CONSISTING OF ONE PAGE

FPSC Docket No. 930110-Ea FPC Witness: MORRISON Exhibit No. _____, (BAM-9) Sheet 1 of 1

INTEROFFICE MEMORANDUM

DATE:

September 9, 1992

TO:

Ralph Killian Robert Wolf

Tom Bagby Mark Bentley

FROM:

Joe Brinson

SUBJECT:

Erly Juice Negotiations and Contacts

As you are all aware, we have reached an active and sensitive negotiation stage with Erly Juice. It is important that we maintain a single point of contact with Erly Juice during this stage. To do otherwise would afford Erly Juice multiple and unnecessary opportunities to elicit information and to gain negotiation advantages.

Accordingly, I have designated Mark Bentley of the Legal Department as our single contact point during the period of negotiations. All other Panda employees are requested to initiate no contacts (written, in person or by phone) with Erly Juice or their representatives without my prior approval or Mr. Bentley's prior approval.

I am not suggesting that such contacts should never be made. I'm only asking that they be cleared with me in advance. Neither am I suggesting that you refuse to talk if an Erly Juice representative contacts you or that you say you aren't the proper contact point. I am suggesting, (if information or your opinion on a negotiation point is sought) that you politely and adroitly promise that you will obtain the necessary response and that you then refer the request to me or to Mark.

I'd also appreciate (i) receiving copies of all of your correspondence from or concerning Erly Juice or the Erly Juice situation and (ii) having the opportunity to approve letters to Erly Juice before they are mailed.

I would like to maintain a similar control after negotiations are completed.

Your cooperation will be greatly appreciated.

Project Manager

Robert Carter cc:

Hans van Kuilenburg

Ed Gwynn

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-10) CONSISTING OF ONE PAGE

FPSC Docket No. 950110-EI FPC Witness: MORRISON Exhibit No. _____, (BAM-10) Sheet 1 of 1

MEMORANDUM

DATE:

March 19, 1993

TO:

Ann Burgr

FROM:

Ted Hollon

SUBJECT:

Panda-Kathleen Cogeneration Plant - Lakeland, Florida

A trip report on Mark's and my recent visit to St. Petersburg and Lakeland is forthcoming. In the interim, there are several key issues that need to be resolved in an expeditious manner in order to move forward. These issues are FYI and are as follows:

- 1) FPC- While FPC and Panda informally agree that a 1997 COD is in the best interest of all concerned, our contractual obligation calls for a 4/1/95 COD. Clarifications and modifications to this agreement need to be formally resolved as soon as possible. Without a confirmed date, the EPC contract cannot be finalized.
- 2) Erly Juice The energy supply agreement needs to be finalized. There is a possibility that action taken to modify the FPC agreement (see item 1) may leave Panda vulnerable, especially if we do not have a steam host under contract.

Additionally, it may be prudent to investigate possible alternate steam hosts in the area as a precautionary backup measure.

3) City of Lakeland - FPC indicated that the City is serious about Panda using their substation and that the City can be a formidable obstacle (and opponent) in our permitting and zoning efforts.

Panda owes the City of Lakeland a response to their 2/8/93 letter. This issue needs to be addressed and handled with kid gloves so that we do not provoke a conflict that would impact time and costs, not to mention goodwill. Mark feels we have a strong case for not utilizing the City's substation thus avoiding their "wheeling" charges. However, resolving this issue would eliminate the Gay property site and allow us to focus on one corridor.

These issues need Panda's immediate attention. Mark is knowledgeable of the above and is working toward their resolution.

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-11) CONSISTING OF TWO PAGES

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-12) CONSISTING OF ONE PAGE

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-13) CONSISTING OF ONE PAGE

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-14) CONSISTING OF ONE PAGE

MEMORANDUM

FPSC Docket No. 950110-EI
FPC Witness: MORRISON
Exhibit No. _____, (BAM-14)
Sheet 1 of 1

DATE:

December 8, 1993

TO:

Distribution

FROM:

Ted Hollon H

SUBJECT:

Panda-Kathleen Action Items

The following are action items identified in the Kathleen project status meeting (12/7/93):

- Ruthven Property: Tom Bagby is to reach agreement on price and terms for the 7.53 acre Ruthven site by 12/10/93.
- 2) Development Budget: All department heads are required to provide development funding requirements (if applicable) to Ted Hollon by 12/10/93.
- 3) Permitting Strategy: Panda is not going to permit under the Power Plant Siting Act. ECT will direct permitting efforts. Engineering must commence soon to support permitting.
- 4) EPC Negotiations: Century is to come in 12/13/93 to discuss EPC contract. Terms directed by Panda management will be discussed with Century, ie. \$1.5 million development loan and at-risk engineering.
- 5) Steam Host: Ted Hollon shall be responsible for marketing the distilled water. Tom Bagby will pursue neighboring plant, Dynaplast, as a potential alternative host.
- 6) Project Budget: Bryan Urban and Ted Hollon are to update the proforma. Financial closing is now scheduled for December 1994. Financial markets need to be explored ASAP as the margins are tight.
- 7) Project Equipment: Brian Dietz to investigate the Frame 6/LM 6000 upgrade as alternatives to reducing capital plant expenditures.

Distribution:

Tom Bagby Ralph Killian Brian Dietz Bryan Urban

cc: Bob Carter

Pete Wright

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-15) CONSISTING OF ONE PAGE

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-16) CONSISTING OF TWO PAGES

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FPSC Docket No. 950110-EI
FPC Witness: MORRISON
Exhibit No. _____, (BAM-16)
Sheet 1 of 2

PANDA-KATHLEEN PROJECT STATUS MEETING NOTES MEETING DATE APRIL 12, 1994

Attendees:

Ted Hollon Brian Dietz Kyle Woodruff Ralph Killian Bill Nordlund Todd Carter

cc:

Taylor Cheek, Tom Bagby

1. CITY OF LAKELAND

• Paul Elwing, Manager of Systems Planning for the City has requested additional information for their evaluation of Panda's proposal for 35 MW. (See Taylor Cheek's internal memo of 4/12/94). Paul Elwing should provide the City's analysis of our proposal by Friday 4/15/94.

Action:

Todd to provide information to Paul by Wednesday 4/13/94.

 A letter is to be drafted requesting the basis of the City's firm price for wheeling and the terms of amortization of up front capital for interconnect cost for electricity and water.

Action:

Ted/Kyle to draft letter.

2. STEAM HOST

• Florida Juice should provide new steam consumption numbers by Friday April 15, 1994. Numbers are required to see if QF status can be met with Florida Juice alone. "Off-Peak" steam production will have to be provided by F.J.'s existing boilers since no auxiliary boiler is planned at the Kathleen facility.

Action:

Kyle to follow up with Randy Delliveniri at Florida Juice.

Todd to run cost of steam vs. power.

• Distilled water plant output should be based on 3/4/94 water balance; not water balance in RFP.

3. FPC INTERCONNECT

No response is required to FPC letter of 3/21/94 at this time.

Action:

Bill will review letter with Barrett Johnson.

FPC Witness:	MUKKISUN
Exhibit No.	, (BAM-16)
Sheet 2 of 2	

4. RUTHVEN PROPERTY

• Panda plans to purchase 60' addition to property on the south side of the present site.

Will a permit to cut trees be required from the County?

Action:

Kyle to pursue with Mike Roddy at ECT.

5. FLORIDA GAS

Signing of contract delayed.

FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-17) CONSISTING OF FOUR PAGES

UNITED STATES OF AMERICA FEDERAL ENERGY REGULATORY COMMISSION

Panda-Kathleen, L.P.)	Docket No. QF94-150-000	
		FPSC Docket No. 950110-	
Small Power Production and)	FPC Witness: MORRISO	
Cogeneration Facilities)	Exhibit No, (BAN	A-17)
Qualifying Status)	Sheet 1 of 4	

ORDER GRANTING APPLICATION FOR CERTIFICATION
AS A QUALIFYING COGENERATION FACILITY
(Issued October 20, 1994)

Summary:

On August 23, 1994, Panda-Kathleen, L.P. (Panda-Kathleen) filed an application for certification of a cogeneration facility as a qualifying facility (QF) pursuant to Section 292.207(b) of the Commission's Regulations. The facility will be located in Lakeland, Florida, and will consist of a combustion turbine generator, an unfired heat recovery boiler and a steam turbine generator. The primary energy source will be natural gas. The maximum net electric power production capacity of the facility will be approximately 125.9 MW. Steam recovered from the boiler will be used for the production of high quality distilled water. Electric power produced by the facility will be sold to Florida Power Corporation. Installation of the facility is scheduled to commence in January of 1995.

Based on these facts, the facility is a topping-cycle cogeneration facility within the meaning of Section 292.202(d) of the Commission's Regulations.

Notice of the application was published in the Federal Register with comments, protests or motions to intervene due on or before October 11, 1994. 1/ No responses were received.

Discussion:

A. Ownership:

Section 192.206 of the Commission's Regulations requires that no more than 50% of the equity interest in a QF be held, directly or indirectly through subsidiaries, by electric utilities and/or electric utility holding companies (collectively, electric utility entities). Fanda-Kathleen, which will own and operate the facility, is a wholly-owned subsidiary of Panda Energy Corporation, a privately-held company. Panda

^{1/ 59} Fed. Reg. 46,408 (1994).

Energy Corporation is engaged in the business, through its subsidiaries, of developing, owning, and operating QFs and exempt wholesale generators (EWGs), 2/ and development and exploration of hydrocarbons. Neither Panda-Kathlean nor Panda Energy Corporation, nor any of their affiliates, is engaged in the generation or sale of electric power, or has any ownership or operating interest in any electric facilities other than QFs and EWGs. Since no electric utility entities have any ownership interests in the facility, it satisfies the Commission's QF ownership criteria.

B. Use of Thermal Output:

According to Panda-Kathleen, the thermal output from the facility will be used by Lakeland Water Company, an affiliate of Panda-Kathleen, to produce high quality distilled water for use in industrial processes. Panda-Kathleen's application of the thermal energy output for this purpose is common and, thus, is presumptively useful under the criteria set forth in Electrodyne Research Corporation, 32 FERC ¶ 61,102 (1985), as clarified in LaJet Energy Company (LaJet), order denving rehearing, 44 FERC ¶ 61,070 (1988).

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An EWG is not considered an electric utility company under Section 2(a)(3) of the Public Utility Holding Company Act of 1935 (FUHCA), as amended by the Energy Policy Act of 1992, and ownership of an EWG does not result in primary engagement in the generation or sale of electric power under Sections 3(17)(C)(ii) and 3(18)(B)(ii) of the Federal Power Act (See Sections 32(e) and 32(j) of FUHCA).

If the use of a cogeneration facility's thermal output **1**/ constitutes a common industrial or commercial application, it is presumptively useful and the Commission performs no further analysis regarding the usefulness of the thermal cutput. If, on the other hand, the use of the thermal output involves a technology which is not common, separate standards apply depending upon whether the user is or is not an affiliate of the cogenerator. In the case of a thermal host that is not affiliated with the cogenerator, plausible evidence of either an arm's-length market for the thermal output or an end product produced with the aid of that thermal output establishes usefulness. In the case of a thermal host that is an affiliate of the cogenerator or where the thermal host is the cogenerator itself, quantitative economic justification established usefulness. <u>See LaJet.</u>

C. Operating and Efficiency Standards:

Based on the information provided by Panda-Kathleen, the facility satisfies the operating and efficiency standards established in Section 292.205 of the Commission's Regulations.

Finding:

The topping-cycle cogeneration facility, as described in the application submitted by Panda-Kathleen, meets the requirements established in Section 292.203(b) of the Commission's Regulations regarding certification as a qualifying cogeneration facility.

The Director:

Grants certification of qualifying status to the facility referenced in the submittal filed on August 23, 1994, by Panda-Kathleen pursuant to Section 292.207(b) of the Commission's Regulations and Section 3(18)(B) of the Federal Power Act, as amended by Section 201 of the Public Utility Regulatory Policies Act of 1978 (PURPA), provided that the facility is owned and operated in the manner described in the application and this order. 4/ To the extent that facts or representations which form the basis for this order change, this order cannot be relied upon. While the facility might still be a QF under the changed circumstances, self or Commission recertification at that point will be necessary. 5/

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^{4/} Certification as a QF serves only to establish eligibility for benefits provided by PURPA, as implemented by the Commission's Regulations, 18 C.F.R. Part 292. It does not relieve a facility of any other requirements of local, state or federal law, including those regarding siting, construction, operation, licensing and pollution abatement. Certification does not establish any property rights, resolve competing claims for a site, or authorize construction.

^{5/} See Citizens for Clean Air and Reclaiming our Environment v. Newbay Corporation, 56 FERC ¶ 61,428 (1991), and Midland Cogeneration Venture Limited Partnership and CMS Midland. Inc., 56 FERC ¶ 61,361 (1991).

Authorities:

Authority to act on this matter is delegated to the Director, Division of Applications, pursuant to Section 375.308 of the Commission's Regulations.

This order constitutes final agency action. Requests for rehearing by the Commission may be filed within 30 days of the date of issuance of this order, pursuant to 18 C.F.R. Section 385.713.

Donald J. Gelinas, Director Division of Applications

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9.3 5.3.1~

MEMORANDUM

FPSC Docket No. 950110-EI FPC Witness: MORRISON Exhibit No. _____, (BAM-18)

Sheet 1 of 1

DATE:

April 7, 1993

TO:

Ann Burgr

FROM:

Ted Hollon

SUBJECT:

Panda-Kathleen Lakeland, Florida

Due to the in-service date election granted by FPC, the 74.9 MW facility in Florida is in the process of being "mothballed."

A new project schedule is being formulated to depict a 1/1/97 Commercial Operation Date to FPC. Correspondingly, a new "drop-dead" construction date (to be included in the revised FPC rate agreement) shall be 1/1/96. However, Panda will need to start 3 or 4 months earlier to allow for testing, training, etc, before coming on line.

Whilst most project related development activities are being slowed or postponed, there are several activities that would be prudent and cost effective for Panda to continue. These activities include air and water use/discharge permitting and right of way surveying, environmental audit, and land options.

ECT has advised that new, more stringent regulations for emissions are being considered for Florida, especially in the Polk County area due to heavy concentrations of industrial emissions. Should Panda delay this permit to coincide with the in-service date slippage, our air permit may be more difficult (and costlier) to obtain. Additionally, the water use/discharge permit is critical activity that needs to be determined at an early stage of the project to avoid surprises, later on.

Panda has previously approved a \$47,000 NTE agreement with ECT for the above permitting effort. We need to continue this effort as it corresponds to the revised FPC schedule and the validity of the permits ensuring that they are in effect before construction begins.

Unless otherwise instructed, I will proceed in this direction.

cc:

R. Carter

M. Bentley

D. Lindloff

B. Dietz

J. 4/1/13

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FPSC DOCKET NO. 950110-EI EXHIBIT NO. (BAM-23) CONSISTING OF ELEVEN PAGES

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