

In the folder labeled as follows there are documents, listed below, which were not reproduced in this electronic file. That folder can be found in one of the file drawers labeled Supplementary Documents Drawer. Folders in that drawer are arranged alphabetically, then by permit number.

**Folder Name:** Tampa Electric Company

**Permit(s) Numbered:**

PSD	FL	-	140
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Period during  
which document  
was received:

Detailed Description

Period during which document was received:		Detailed Description
APPLICATION 26 SEP 1990	1.	3.5" DISKETTE WITH FILES AS REFERENCED IN A LETTER RECEIVED ON 26 SEPTEMBER 1990.



# HARDEE POWER PARTNERS

*Syed - send to file.*  
*ALP file for file*  
*CLARK*

**RECEIVED**

March 26, 1999

**MAR 29 1999**  
DIVISION OF AIR RESOURCES MANAGEMENT

**Via Certified Mail - P 705 269 413**

Howard Rhodes  
Florida Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation  
Twin Towers Office Building  
2600 Blair Stone Rd.  
Tallahassee, FL 32399-2400

**Via Certified Mail - P 705 369 414**

Richard D. Garrity, Ph.D.  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619

**RECEIVED**

**MAR 30 1999**

**BUREAU OF AIR REGULATION**

RE: Hardee Power Station  
Conditions of Certification PA 89-25  
Permit PSD-FL-140  
Annual Average Capacity Factor and  
Cumulative Lifetime Average Capacity Factor

Gentlemen:

Pursuant to Permit PSD-FL-140, Specific Condition 1 and Condition II.A.1 of Conditions of Certification PA 89-25, Hardee Power Partners hereby submits the enclosed report providing calculations of the 1998 annual average capacity factor and cumulative lifetime average capacity factor for the Hardee Power Station. This is the sixth annual capacity factor report to be submitted since commercial operation for the Hardee Power Station began on January 1, 1993.

If you need any additional information, please contact me at (813) 228-1381 or Paul Carpinone at (813) 228-4858.

Sincerely,

*for* John T. Duff  
Director of Operations

JTD/gdb

Enclosure

cc: Hamilton S. Oven, FDEP - Tallahassee

**ANNUAL CUMULATIVE LIFETIME CAPACITY FACTOR  
FOR THE HARDEE POWER STATION  
FOR THE CALENDAR YEAR 1998**

UNIT	UNIT CAPABILITY (MW)	1998 ANNUAL		CUMULATIVE LIFETIME	
		MWH	CAPACITY FACTOR	MWH	CAPACITY FACTOR
CT 1A	86	264,528	35.11%	1,032,217	22.84%
CT 1B	86	274,285	36.41%	1,035,561	22.91%
Steam Turbine	81	272,263	38.37%	997,184	23.42%
<b>Total CC</b>	<b>253</b>	<b>811,076</b>	<b>36.60%</b>	<b>3,064,962</b>	<b>23.05%</b>
CT 2A	87	117,408	15.41%	230,140	5.03%
<b>Total HPS</b>	<b>340</b>	<b>928,484</b>	<b>31.17%</b>	<b>3,295,102</b>	<b>18.44%</b>

Note: Commercial operation began January 1, 1993.

03/25/98

POINT AIRS ID 0490015 STATUS A OFFICE SWD SW: TAMPA  
 SITE NAME HARDEE POWER STATION COUNTY HARDEE  
 OWNER/COMP HARDEE POWER PARTNERS,LTD

EU ID	Stat	Description
001	A	Combustion Turbine 1A with HRSG
002	A	Combustion Turbine 1B with HRSG
003	A	Simple cycle Combustion Turbine 2A
004	A	4.4 Million gallon #2 fuel oil tank
005	C	Unit 2B - 75 MW gas turbine

Press [ENTER] to Select this Emission Unit  
 Count: \*5

<Replace>

## Appendix H-1, Permit History

Hardee Power Partners, Ltd.  
Hardee Power Station

**FINAL Permit No. 0490015-001-AV**

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### Permit History

E.U.

<u>ID No.</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u>	<u>Revised Date</u>
001	CT-1A	PSD-FL-140/PA 89-25	02/24/92			
002	CT-1B	PSD-FL-140/PA 89-25	02/24/92			
003	CT-2A	PSD-FL-140/PA 89-25	02/24/92			
-						
Seminole Electric Cooperative, Inc.		PA-89-25SA	08/16/95			

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### Notes:

{Rule 62-213.420(1)(b)2., F.A.C., allows Title V Sources to operate under existing valid permits that were in effect at the time of application until the Title V permit becomes effective}

POINT AIRS ID 0490015 STATUS A OFFICE SWD SW: TAMPA  
 SITE NAME HARDEE POWER STATION COUNTY HARDEE  
 OWNER/COMP HARDEE POWER PARTNERS,LTD

PPS/PSD No	Dt Issued	Date Comp	Description
PPS PA8925 PSD FL- 140	24-FEB-1992 24-FEB-1992		

Enter PPS/PSD Number with first three letter as PSD or PPS  
 Count: \*2

<Replace>



# HARDEE POWER PARTNERS

*Clair*

RECEIVED

APR 07 1998

DIVISION OF AIR  
RESOURCES MANAGEMENT

March 25, 1998

**Via Certified Mail - P 240 442 304**

Howard Rhodes  
Florida Department of  
Environmental Protection  
Division of Air Resource  
Management  
Bureau of Air Regulation  
Twin Towers Office Building  
2600 Blair Stone Rd.  
Tallahassee, FL 32399-2400

**Via Certified Mail - P 240 442 305**

Richard D. Garrity, Ph.D.  
Florida Department of  
Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619

RE: Hardee Power Station  
Conditions of Certification PA 89-25  
Permit PSD-FL-140  
Annual Average Capacity Factor and  
Cumulative Lifetime Average Capacity Factor

Gentlemen:

Pursuant to Permit PSD-FL-140, Specific Condition 1 and Condition II.A.1 of Conditions of Certification PA 89-25, Hardee Power Partners hereby submits the enclosed report providing calculations of the 1997 annual average capacity factor and cumulative lifetime average capacity factor for the Hardee Power Station. This is the fifth annual capacity factor report to be submitted since commercial operation for the Hardee Power Station began on January 1, 1993.

If you need any additional information, please contact me at (813) 228-1381 or Paul Carpinone at (813) 228-4858.

Sincerely,

John T. Duff  
Director of Operations

JTD/gdb

*cc: J. Arif, BAR*

Enclosure

cc: Hamilton S. Oven, FDEP - Tallahassee

**ANNUAL CUMULATIVE LIFETIME CAPACITY FACTOR  
FOR THE HARDEE POWER STATION  
FOR THE CALENDAR YEAR 1997**

UNIT	UNIT NET CAPABILITY (MW)	1997 ANNUAL		CUMULATIVE LIFETIME	
		NET MWH	CAPACITY FACTOR	NET MWH	CAPACITY FACTOR
CT 1A	86	163,380	21.69%	767,624	20.38%
CT 1B	86	154,648	20.53%	761,211	20.21%
Steam Turbine	82	115,708	16.11%	717,845	19.99%
<b>Total CC</b>	<b>254</b>	<b>433,736</b>	<b>19.49%</b>	<b>2,246,680</b>	<b>20.19%</b>
CT 2A	86	25,805	3.43%	112,547	2.99%
<b>Total HPS</b>	<b>340</b>	<b>459,541</b>	<b>15.43%</b>	<b>2,359,227</b>	<b>15.84%</b>

Note: Commercial operation began January 1, 1993.

03/25/98



John  
AL  
CLEAR

Via Certified Mail - P 880 005 912

September 13, 1996

**RECEIVED**

SEP 17 1996

DIVISION OF AIR  
RESOURCES MANAGEMENT

Howard Rhodes  
Florida Department of  
Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, FL 32399-2400

RE: Hardee Power station  
Conditions of Certification PA 89-25 - FDEP Permit No. PSD-FL-140  
Annual Average Capacity Factor and  
Cumulative Lifetime Average Capacity Factor  
Change of Assigned Agent

Dear Mr. Rhodes:

This letter will act as notification that John T. Duff, Director Operations for Hardee Power Station, will become the assigned agent and assume the responsibilities associated with this position, including signing future environmental reports.

Michael Schuyler, the current assigned agent, is assuming other responsibilities within TECO Power Services.

If you have questions regarding this information, please call John Duff at (813) 228-1381 or Paul Carpinone at (813) 228-4858.

Sincerely,



George D. Jennings  
Vice President

cc: Richard D. Garrity, FDEP - Tampa (Certified No. P 880 005 913)  
L. N. Curtin



HARDEE POWER PARTNERS LIMITED

CLAIR

March 26, 1996

Via Certified Mail - P 880 005 850  
Howard Rhodes  
Florida Department of  
Environmental Protection  
Division of Air Resource  
Management  
Bureau of Air Regulation  
Twin Towers Office Building  
2600 Blair Stone Rd.  
Tallahassee, FL 32399-2400

Via Certified Mail - P 880 005 851  
Richard D. Garrity, Ph.D.  
Florida Department of  
Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619

RE: Hardee Power Station  
Conditions of Certification PA 89-25  
Permit PSD-FL-140  
Annual Average Capacity Factor and  
Cumulative Lifetime Average Capacity Factor

Gentlemen:

Pursuant to Permit PSD-FL-140, Specific Condition 1 and Condition II.A.1 of Conditions of Certification PA 89-25, Hardee Power Partners hereby submits the enclosed report providing calculations of the 1995 annual average capacity factor and cumulative lifetime average capacity factor for the Hardee Power Station. This is the third annual capacity factor report to be submitted since commercial operation for the Hardee Power Station began on January 1, 1993.

If you need any additional information, please contact me at (813) 228-4493 or Paul Carpinone at (813) 228-4858.

Sincerely,

Michael R. Schuyler  
Director, Project Services

MRS/gdb

Enclosure

cc: Hamilton S. Oven, FDEP - Tal.

**RECEIVED**

APR 01 1996

DIVISION OF AIR  
RESOURCES MANAGEMENT

**ANNUAL CUMULATIVE LIFETIME CAPACITY FACTOR  
FOR THE HARDEE POWER STATION  
FOR THE CALENDAR YEAR 1995**

UNIT	UNIT NET CAPABILITY (MW)	1995 ANNUAL		CUMULATIVE LIFETIME	
		NET MWH	CAPACITY FACTOR	NET MWH	CAPACITY FACTOR
CT 1A	86	207,092	27.49%	334,617	22.21%
CT 1B	86	212,706	28.23%	341,136	22.64%
Steam Turbine	82	222,741	31.01%	325,999	22.69%
<b>Total CC</b>	<b>254</b>	<b>642,539</b>	<b>14.25%</b>	<b>1,001,752</b>	<b>22.51%</b>
CT 2A	86	31,208	0.20%	52,543	3.49%
<b>Total HPS</b>	<b>340</b>	<b>673,747</b>	<b>10.69%</b>	<b>1,054,295</b>	<b>17.70%</b>

Note: Commercial operation began January 1, 1993.



HARDEE POWER PARTNERS LIMITED

*claim  
for  
Hardee  
File*

RECEIVED

OCT 12 1995

Via Express Mail

Division of Air  
Resources Management

October 9, 1995

RECEIVED

OCT 12 1995

BUREAU OF  
AIR REGULATION

Richard Garrity, Ph.D.  
Florida Department of Environmental  
Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619

RE: Hardee Power Partners  
Hardee Power Station  
Annual Compliance Test Notification  
Conditions of Certification PA 89-25

Dear Dr. Garrity:

Pursuant to Condition II.A.15 of the Conditions of Certification for Hardee Power Station, please be advised that the annual compliance test will begin on Tuesday, October 24, 1995. In accordance with this condition, after the required testing is completed, a written report of the test results will be submitted to the Department within 45 days of test completion. We will notify you if there are any changes in our testing schedule.

If you need further information concerning this, please call me at (813) 228-4858.

Sincerely,

Paul L. Carpinone  
Project Services Manager

PLC/gdb

cc: H. Rhodes, FDEP - Tallahassee  
H. Oven, FDEP - Tallahassee



HARDEE POWER PARTNERS LIMITED

December 1, 1994

RECEIVED

DEC 5 1994

Division of Air Resources Management

*Clair/Larry*  
*How*

HOWARD  
12/6

*Xi, please  
update APIS;  
forward to Clair  
This is done.*

*Lj  
12/9*

Via Certified Mail - P 278 134 196  
Howard Rhodes  
Florida Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation  
Twin Towers Office Building  
2600 Blair Stone Rd.  
Tallahassee, FL 32399-2400

Via Certified Mail - P 278 134 197  
Dr. Richard Garrity, Ph.D.  
Florida Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL 33619

RE: Hardee Power Station  
Conditions of Certification PA 89-25  
Permit PSD-FL-140  
Change of Assigned Agent

Gentlemen:

This letter will act as notification that Michael R. Schuyler will become the assigned agent and assume the responsibilities associated with this position, including signing future reports.

Gordon Gillette, the current assigned agent, has been promoted to vice president of Tampa Electric Company. Mr. Schuyler is assuming his position and responsibilities.

If you have any questions regarding this information, please call Michael Schuyler at 228-4493 or Paul Carpinone at 228-4858.

Sincerely,

George D. Jennings  
Vice President

/gdb

*cc: [unclear]*

DEP ROUTING AND TRANSMITTAL SLIP

TO: (NAME, OFFICE, LOCATION)

3. Y. J. ...

1. Clair Fancy

4. \_\_\_\_\_

2. Patty

5. \_\_\_\_\_

PLEASE PREPARE REPLY FOR:

COMMENTS:

\_\_\_\_ SECRETARY'S SIGNATURE

\_\_\_\_ DIV/DIST DIR SIGNATURE

\_\_\_\_ MY SIGNATURE

\_\_\_\_ YOUR SIGNATURE

\_\_\_\_ DUE DATE \_\_\_\_\_

ACTION/DISPOSITION

\_\_\_\_ DISCUSS WITH ME

\_\_\_\_ COMMENTS/ADVISE

\_\_\_\_ REVIEW AND RETURN

\_\_\_\_ SET UP MEETING

\_\_\_\_ FOR YOUR INFORMATION

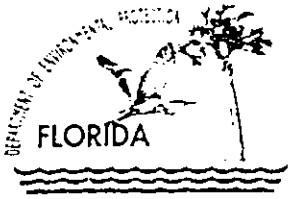
\_\_\_\_ HANDLE APPROPRIATELY

\_\_\_\_ INITIAL AND FORWARD

\_\_\_\_ SHARE WITH STAFF

\_\_\_\_ FOR YOUR FILES

FROM: Yi DATE: 12/19 PHONE: \_\_\_\_\_



# Department of Environmental Protection

Lawton Chiles  
Governor

Marjory Stoneman Douglas Building  
3900 Commonwealth Boulevard  
Tallahassee, Florida 32399-3000

Virginia B. Wetherell  
Secretary

September 27, 1994

Mr. Gordon L. Gillette  
Hardee Power Partners Limited  
Post Office Box 111  
Tampa, Florida 33601-0111

Re: Hardee Power Station, PA 89-25

Dear Mr. Gillette:

The Department of Environmental Protection approved the use of either EPA Reference Method 5 or 17 for particulate testing when firing oil by my letter dated July 15, 1994. That letter also allowed the use of Method 17 when the stack temperature is less than 320° F. Particulate matter sampling is only required when firing oil. Particulate matter need not be tested when the units are operating solely on natural gas. This approval is granted pursuant to Condition II.A. 8. and to make the conditions of certification consistent with the modification of PSD Permit PSD-FL-140(A) as approved by the Division of Air Resources on September 22, 1994.

Sincerely,

*Hamilton S. Oven*

Hamilton S. Oven, P.E.  
Administrator, Siting  
Coordination Section

cc: Clair Fancy, BAR  
Bill Thomas, SWD

--ATTENTION MAIL ROOM--

PLEASE ROUTE THIS  
DOCUMENT TO:

*Clair Fancy*

SEP 28 1994

Name of Individual/Office Bureau of  
Air Regulation

*5505*

Mail Station Number