

ORIGINAL

State of Florida



Public Service Commission

-M-E-M-O-R-A-N-D-U-M-

RECEIVED FPSC
AUG 14 PM 3:09
COMMISSION CLERK

DATE: August 13, 2003
TO: Blanca S. Bayó, Commission Clerk and Administrative Services Director
FROM: Division of Auditing and Safety (Ruehl)
RE: Docket No. 030623-EI - Complaints by Southeastern Utility Services, Inc., on Behalf of Various Customers, against Florida Power & Light Company concerning Thermal Demand Meter Error

Please place the following in the above docket file.

- Re-test of 1V Demand Meter #52093 tested by Florida Power and Light as requested by George Brown, Southeastern Utility Services, Inc. and witnessed by Commission Engineers.

JR:dr

Attachment

cc: Without Attachments
Tim Devlin
Joe Jenkins
Roland Floyd
Bill McNulty
Cochran Keating
Edward Mills
Dan Hoppe

AUS _____
CAF _____
CMP _____
COM _____
CTR _____
ECR _____
GCL _____
OPC _____
MMS _____
SEC _____
OTH _____

COMMISSION CLERK ADMINISTRATIVE SERVICES

03 AUG 13 AM 11:50

DOCUMENT NUMBER-DATE

07462 AUG 14 8


FPSC-COMMISSION CLERK

State of Florida



Public Service Commission

-M-E-M-O-R-A-N-D-U-M-

DATE: August 11, 2003
TO: Jim Ruehl, Supvr., Electric Safety, Tallahassee
FROM: Clinton Williams, Engineer III, Miami 
RE: Meter Tests

I witnessed the re-test of demand meter #IV52093 at FPL's Miami Test Center on August 5, 2003. The test was done at the request of Mr. George Brown and was done at a higher load level than the earlier test. The result showed a KWD error of +5.78%. Two test forms for this meter are enclosed.



FLORIDA POWER & LIGHT

Process Date : 08/05/2003 Time : 10:37 AM

EQUIPMENT SUMMARY REPORT

SERIAL NO: L023402791

Identification

Serial No 023402791
 Company No 52093
 Amr No: _____
 Batch No _____
 Barcode: _____

Faceplate

Mfr L Aep Code CH
 Mfr Type: TMT Form: 6 S
 Company Symbol: 1V Volts 277
 Type Code: 04 Amps. 2.5
 M&S Code: LD Kh: 003.600
 Reg Ratio: 055 05/09

Accounting

Purchase Date: 00/00/0000
 Retire Code: _____
 Retire By: _____
 Retire Date: 00/00/0000

Status/Location

	Current	Previous
Shop Status: <u>C</u>	PPID: <u>000000000</u>	
Bin: _____	District: <u>52</u>	
Address: <u>100 RIVERFRONT. HOLIDAY INN</u>		

Information

Test Location: <u>K</u>	Std Mode: <u>Watts</u>	Creep: <u>No</u>
Test Reason: <u>PSC</u>	Test Direction: <u>Forward</u>	High Pot: <u>Yes</u>
Seal Status: <u>53</u>	Test Service: <u>Single Phase</u>	Element Balance: <u>Yes</u>

As Found

	S	A	B	C
FL:	<u>100.33</u>	<u>100.45</u>	_____	<u>100.43</u>
PF:	<u>100.15</u>	_____	_____	_____
LL:	<u>100.20</u>	_____	_____	_____
WA:	<u>100.26</u>	_____	_____	_____
Reading:	<u>5616</u>	<u>KYZ</u>	_____	_____
Start:	<u>08/21/2002 15:26:38</u>			
Stop:	<u>08/21/2002 15:37:26</u>			
Tester:	<u>JDT</u>	Board:	<u>2529</u>	

As Left

	S	A	B	C
FL:	<u>100.33</u>	<u>100.45</u>	_____	<u>100.43</u>
PF:	<u>100.15</u>	_____	_____	_____
LL:	<u>100.20</u>	_____	_____	_____
WA:	<u>100.26</u>	_____	_____	_____
Reading:	<u>5621</u>	Reps Pass Fail:	<u>1</u>	<u>0</u>
Start:	<u>08/21/2002 15:26:38</u>			
Stop:	<u>08/21/2002 15:37:26</u>			
Tester:	<u>JDT</u>	Board:	<u>2529</u>	

Jed [Signature] FPL
 Witnessed by Clinton Williams, PSC Engineer
 8-5-03.



FLORIDA POWER & LIGHT

Process Date : 08/05/2003 Time : 10:37 AM

EQUIPMENT SUMMARY REPORT

SERIAL NO: L023402791

Information

Test Location <u>S</u>	Std Mode <u>Watts</u>	Creep <u>No</u>
Test Reason <u>RTM</u>	Test Direction <u>Forward</u>	High Pot: <u>Yes</u>
Seal Status _____	Test Service <u>Single Phase</u>	Element Balance: <u>Yes</u>

As Found

	S	A	B	C
FL:	99.80			
PF:	99.89			
LL:	99.42			
WA:	99.77			
Reading	0000	KYZ		
Start:	06/21/1994 12:45:00			
Stop:	06/21/1994 12:56:00			
Tester:	RAR	Board:	07	

As Left

	S	A	B	C
FL:	100.17			
PF:	100.24			
LL:	100.00			
WA:	100.17			
Reading:	0005	Reps	Pass Fail	2 1
Start:	01/01/1900 12:45:00			
Stop:	01/01/1900 12:56:00			
Tester:	RAR	Board:	07	

Variboard

Register Test: ___ / ___

Start: 06/21/1994 00:00:00

Stop: 06/21/1994 00:00:00

Tester: _____ Board: 02

Demand

As Found

Pass/Fail: _____
 Demand: _____ -2.8
 Reading: _____

As Left

Pass/Fail: _____
 Demand: _____ 0
 Reading: _____

Variboard

Register Test: ___ / 7.0

Start: 08/05/2003 09:30:08

Stop: 08/05/2003 10:34:37

Tester: BEF Board: 4

Demand

As Found

Pass/Fail: _____
 Demand: _____ 5.78
 Reading: 05628

As Left

Pass/Fail: _____
 Demand: _____ 5.78
 Reading: 05634

General Comment

KDW ACC +6.0 %
 KWD

Bill White FPL
 Witnessed by Clinton Williams, PSC Engineer
 8-5-03