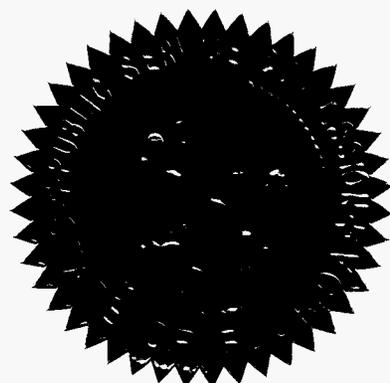


BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In the Matter of:

DOCKET NO. 110030-EI

PETITION FOR APPROVAL OF REVISIONS
TO TARIFF SHEET NOS. 6.280 THROUGH
6.284 AND APPROVE ORIGINAL TARIFF
SHEET NO. 6.2811 IN RATE SCHEDULE
LS-1, LIGHTING SERVICE BY PROGRESS
ENERGY FLORIDA, INC.



PROCEEDINGS: COMMISSION CONFERENCE AGENDA
ITEM NO. 4

COMMISSIONERS
PARTICIPATING: CHAIRMAN ART GRAHAM
COMMISSIONER LISA POLAK EDGAR
COMMISSIONER RONALD A. BRISÉ
COMMISSIONER EDUARDO E. BALBIS
COMMISSIONER JULIE I. BROWN

DATE: Tuesday, March 8, 2011

PLACE: Betty Easley Conference Center
Room 148
4075 Esplanade Way
Tallahassee, Florida

REPORTED BY: JANE FAUROT, RPR
Official FPSC Reporter
(850) 413-6732

DOCUMENT NUMBER-DATE

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FLORIDA PUBLIC SERVICE COMMISSION

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P R O C E E D I N G S

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2 **CHAIRMAN GRAHAM:** All right. That all
3 being said, let's move on to Item Number 4.

4 **MS. ROBERTS:** Good morning, Commissioners.
5 My name is Arlisha Roberts; I'm here representing
6 Item 4 for Commission staff.

7 Item 4 is a request by Progress Energy to
8 add LED lighting to its LS-1 rate schedule, and to
9 make any changes to their associated tariffs that
10 has been affected by these additions. In addition
11 to adding the LED lighting tariffs, they are also
12 adding two new sodium vapor units, six new metal
13 halide units, and going to restrict six previous
14 halide units that the new ones are going to replace,
15 due to new technology.

16 I am available to answer any questions
17 that staff (sic) may have. We also have a
18 representative here from Progress that can assist in
19 answering any questions.

20 **CHAIRMAN GRAHAM:** All right. Sounds good.

21 Mr. Burnett, do you have any words for us?

22 **MR. BURNETT:** Good morning, Commissioners;
23 good morning, sir. John Burnett on behalf of
24 Progress Energy Florida. I have with me Sally
25 Judah, who is our Manager of Lighting Services, and

1 Nancy Holdstein, who is in charge of our Rate and
2 Tariff Department, and we are here to answer any
3 questions that you may have today. Thank you.

4 **CHAIRMAN GRAHAM:** All right. Thank you.

5 All right, we'll bring it back here to the
6 board. Any questions?

7 Mr. Balbis.

8 **COMMISSIONER BALBIS:** Thank you, Mr.
9 Chair.

10 I have a few questions, first for staff.
11 As far as including an LED light in a tariff sheet,
12 how many other utilities that we regulate include an
13 LED light in the tariff sheet?

14 **MS. ROBERTS:** At this point, I checked
15 with the other four IOUs that we regulate, Progress
16 is going to be the first one to offer the LED
17 lighting units. None of the other companies offer
18 them as of yet.

19 **COMMISSIONER BALBIS:** Okay. And I'm glad
20 to see that Progress is including it. I understand
21 that it is at the request of, I believe, DOT, and I
22 think we should encourage all the other utilities
23 for including the LED lights, since they do have
24 some efficiencies to be gained in power usage.

25 But I do have a couple questions, it's

1 more towards the implementation of this program, and
2 more towards how a customer can request the use of
3 an LED light and what the process is on how they are
4 chosen, et cetera, if you can kind of explain how
5 that would work.

6 **MR. BURNETT:** Yes, sir, Commissioner;
7 thank you.

8 At this time, we are adding, or we are
9 proposing to add five different types of LED
10 lighting, and the selection process for those have
11 been customer driven at this point. We have had
12 three major customers who have expressed interest in
13 LED lighting at this time, and that would be Stetson
14 University, the City of Seminole, and the City of
15 St. Petersburg. So working with those entities, we
16 found out what they want the most and what they are
17 interested in, what technologies they are looking at
18 for their lighting. And that is what has led to the
19 lighting that's on here now.

20 Now, we also have an existing provision in
21 our tariff that allows us to add a lighting fixture
22 type that is not on there, and there is a formula
23 for that. But since these five types that we have
24 had expressed interest with entities who are ready
25 to do this now, that's what led to the selection of

1 these.

2 **COMMISSIONER BALBIS:** Okay. So as far as
3 doing a retrofit process, you know, my concern is
4 that if a LED light is selected, maybe on a
5 wattage-per-wattage basis, obviously you wouldn't
6 get the energy conservation you would expect. So
7 are these retrofits, or are these new projects? And
8 just walk me through the retrofit process.

9 **MR. BURNETT:** Yes, sir. And if I get out
10 of my technical capability, I hope Ms. Judah will
11 punch me here. But, a couple of things. For
12 instance, from what we understand from Stetson,
13 Stetson, at this point, is looking at net new
14 applications, so all their new lighting will be LED.
15 So they are going to be building a greenfield site.
16 And with that where, for example, where they may
17 have required 150 watt high pressure sodium, they
18 will be moving now to approximately a 95 watt LED.
19 So that's just an example of how that would compare
20 on the wattage basis.

21 For retrofit, that's a little bit
22 different, of course, to where you have the existing
23 structure. The pole is generally the same, but when
24 you get up to the luminary on top, that's where you
25 do most of the work. So it's basically replacing

1 that high pressure sodium sort of containment system
2 with the sodium gas and the igniter with the digital
3 LED system. So that's the biggest part of the
4 retrofit.

5 **COMMISSIONER BALBIS:** And the actual
6 selection of the LED light for the retrofit, that
7 would be based on some sort of lighting tool to
8 match it, so that, again, you realize that energy
9 savings rather than just swapping out wattage for
10 wattage, is that correct?

11 **MR. BURNETT:** Yes, sir. And if you want
12 any more detail about how that process works, I know
13 Ms. Judah can explain to you for lighting profile of
14 what you are looking to get out of the light. As
15 far as the footprint on the ground and that, I will
16 probably pass it to her at this point, Commissioner.

17 **MS. JUDAH:** Good morning. Part of our
18 selection criteria in looking at the LEDs that we
19 were going to bring on our tariff was the closest
20 existing to the photometric output of our existing,
21 so that we could relate one-for-one and not have to
22 do a lot of pole changes to make sure that the dark
23 and light and uniformity weren't impacted by the
24 changes.

25 **COMMISSIONER BALBIS:** Okay. Again, I'm

1 assured then that they are going through the proper
2 process, again, just to make sure that, you know, if
3 a customer requests, you know, due to the expected
4 efficiencies in LED light, that a comprehensive
5 analysis is performed. And, again, I'm glad to see
6 Progress taking the lead on this, and I think that
7 with the other utilities, I think it's important to
8 offer an LED fixture to municipalities or other
9 customers that may request it. So I'm glad to see
10 that Progress is doing it, and with that I won't
11 have any further questions.

12 **CHAIRMAN GRAHAM:** Was that a motion?

13 **COMMISSIONER BALBIS:** That is a motion to
14 approve staff's recommendation.

15 **CHAIRMAN GRAHAM:** It has been moved and
16 seconded.

17 Any further discussion?

18 Seeing none, all in favor say aye.

19 (Vote taken.)

20 **CHAIRMAN GRAHAM:** Those opposed?

21 By your action you have approved Item
22 Number 4.

23 Thank you very much.

24 **COMMISSIONER EDGAR:** You blew right by me,
25 Mr. Chairman. (Laughter.)

1 **CHAIRMAN GRAHAM:** Oh.

2 **COMMISSIONER EDGAR:** But I was going to
3 vote for it. I was just going to point out that
4 although we often for tariffs use the file and
5 suspend option, and this time we did not.

6 **CHAIRMAN GRAHAM:** That's true.

7 **COMMISSIONER EDGAR:** And doing it within
8 the 60 days, so -- thank you.

9 **CHAIRMAN GRAHAM:** Thank you.

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STATE OF FLORIDA)

: CERTIFICATE OF REPORTER

COUNTY OF LEON)

I, JANE FAUROT, RPR, Chief, Hearing Reporter Services Section, FPSC Division of Commission Clerk, do hereby certify that the foregoing proceeding was heard at the time and place herein stated.

IT IS FURTHER CERTIFIED that the foregoing proceeding was transcribed under my direct supervision; and that this transcript constitutes a true transcription of said proceeding.

I FURTHER CERTIFY that I am not a relative, employee, attorney or counsel of any of the parties, nor am I a relative or employee of any of the parties' attorney or counsel connected with the action, nor am I financially interested in the action.

DATED THIS 10th day of March, 2011.



JANE FAUROT, RPR
Official FPSC Hearings Reporter
(850) 413-6732