



**AGENDA
CITY OF LAKE WORTH BEACH
ELECTRIC UTILITY ADVISORY BOARD MEETING NOVEMBER 3, 2021
BY TELECONFERENCE
WEDNESDAY, NOVEMBER 03, 2021 - 6:00 PM**

ROLL CALL:

PLEDGE OF ALLEGIANCE:

AGENDA - Additions/Deletions/Reordering:

PRESENTATIONS: (there is no public comment on Presentation items)

PUBLIC PARTICIPATION OF NON-AGENDAED ITEMS:

APPROVAL OF MINUTES:

UNFINISHED BUSINESS:

NEW BUSINESS:

- A. Development of Recommendations for Electric Utility Conservation Program

BOARD COMMENTS:

BOARD LIAISON REPORTS AND COMMENTS:

ADJOURNMENT:

If a person decides to appeal any decision made by the board, agency or commission with respect to any matter considered at such meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based. (F.S. 286.0105)

EXECUTIVE BRIEF ELECTRIC UTILITY MEETING

AGENDA DATE: October 26, 2021

TITLE:

Resolution No. 76-2021 -- requesting development of an energy conservation and energy efficiency program

SUMMARY:

The resolution provides direction to the Electric Utility Advisory Board and the Electric Utility administration to develop an energy conservation and energy efficiency based on best industry practices for the benefit of residents and the Utility. The initial focus is on residential customers, but the intent is to subsequently focus on commercial customers in a second phase.

BACKGROUND AND JUSTIFICATION:

Usage data for residential Lake Worth Beach Electric Utility customers suggests that a substantial percentage of residential customers are using well more than the typical Florida average usage of 1000-1200 kwh/mo. Some of the high usage customers likely are doing so consciously, and accept the correspondingly high bills. On the other hand, it is likely that many more are doing so unwillingly, in part due to lack of access to a utility-wide energy efficiency/energy conservation program. It is likely that Lake Worth Beach's reputation for expensive electricity is traceable in part to these latter cases of high usage and associated high bills. Strong utility-based energy conservation and energy efficiency programs have proven helpful to customers around the country. Involvement of the Electric Utility Advisory Board in program design is expected to beneficially tailor the program to the specific needs of our community.

MOTION:

Move to approve/disapprove Resolution No. 76-2021 requesting development of an energy conservation and energy efficiency program.

ATTACHMENT(S):

Fiscal Impact Analysis – N/A
Resolution 76-2021

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2 **RESOLUTION NO. 76-2021 OF THE CITY OF LAKE WORTH BEACH,**
3 **FLORIDA, DIRECTING ITS ELECTRIC UTILITY ADVISORY BOARD TO**
4 **DEVELOP AN ENERGY CONSERVATION PROGRAM FOR ITS ELECTRIC**
5 **UTILITY; AND PROVIDING FOR AN EFFECTIVE DATE**

6 **WHEREAS**, the City of Lake Worth Beach includes numerous homes designed and
7 constructed prior to the widespread usage of air conditioning, and;

8 **WHEREAS**, it is the desire of the City Commission to assist all residents in reducing
9 their electric usage and thereby their electric costs to amounts comparable to those of
10 other South Florida communities, and;

11 **WHEREAS**, it is desirable to build community pride in the City of Lake Worth Beach
12 Electric Utility, and;

13 **WHEREAS**, the Electric Utility has initiated major steps toward increasing energy
14 production from renewable sources, including construction of a 1.7-megawatt solar field
15 on our former landfill and purchase power agreements for 37 megawatts of solar power
16 from fields outside of the city, and;

17 **WHEREAS**, all forms of supply-side and demand-side energy efficiency are industry-
18 recognized "smart energy" best practices which can also contribute to best providing
19 affordable electric service, and;

20 **WHEREAS**, the City Commission believes that expansion of such energy efficiency
21 best practices can increase the utility's eligibility for green bond market and philanthropic
22 funding;

23 **NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY**
24 **OF LAKE WORTH BEACH, FLORIDA, that:**

25 **SECTION 1:** The City Commission hereby directs the City of Lake Worth Beach Electric
26 Utility Advisory Board (EUAB) to work expeditiously to develop a comprehensive
27 approach for residential energy efficiency based on industry-wide best practices;

28 **SECTION 2:** The City Commission hereby directs that the developed comprehensive
29 approach be of benefit both to residents and to the Electric Utility, with benefits being
30 defined in the broadest sense, for example including state or national level recognition,
31 increased future eligibility for diverse funding sources, etc.;

32 **SECTION 3:** The City Commission also directs that in developing a comprehensive
33 approach to energy efficiency the EUAB evaluate all available best practice technologies
34 and policies, including but not limited to, rebate programs for ceiling insulation, ductwork
35 improvements, AC efficiency upgrades, appliance efficiency upgrades, smart

1 thermostats, window replacements; residential energy rating and disclosure policies;
2 energy audits; educational programs; and demand side management technologies and
3 policies;

4 **SECTION 4:** The City Commission recommends that the EUAB evaluate funding the
5 comprehensive energy efficiency through a small public benefit charge. Additional funding
6 through philanthropy, green bonds, and federal grants could also be evaluated;

7 **SECTION 5:** The City Commission directs the Electric Utility administration to submit
8 recommendations to the City Commission on how to best implement an energy efficiency
9 / energy conservation program that meets the unique needs of the Lake Worth Beach
10 Utility and its ratepayers no later than February 15, 2022;

11 **SECTION 6:** Once a residential program has been developed and implemented, the
12 City Commission further directs the EUAB to develop a parallel program to support
13 commercial customers.

14 The passage of this resolution was moved by Commissioner xx seconded by xx,
15 and upon being put to a vote, the vote was as follows:

- 16
- 17 Mayor Betty Resch
- 18 Vice Mayor Herman Robinson
- 19 Commissioner Sarah Malega
- 20 Commissioner Christopher McVoy
- 21 Commissioner Kim Stokes
- 22

23 The Mayor thereupon declared this resolution duly passed and adopted on this
24 _____ day of _____, 2021.

27 LAKE WORTH BEACH CITY COMMISSION

30 By: _____
31 Betty Resch, Mayor

32 ATTEST:

33 _____
34
35
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37 Melissa Ann Coyne, City Clerk

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