



City of Boynton Beach Agenda Item Request Form

Meeting Date: 07/15/2025

Proposed Resolution No. R25-172- Approve the application for the NREL Energy Technology Innovation Partnership Project (ETIPP) for the amount of \$50,000, authorize the Mayor to accept the grant, and execute all future documents associated with the grant, subject to the approval of the City Attorney.

Requested Action:

Staff recommends approval of Proposed Resolution No. R25-172.

Explanation of Request:

Sustainability and resiliency are central to the Boynton Beach Utilities Department's long-term planning. Current initiatives focus on strengthening water infrastructure, promoting water conservation, lowering operational costs, and addressing the long-term risks posed by climate-related hazards such as flooding, drought, and hurricanes.

To further these efforts, the Utilities Department, in collaboration with the Grants Division, is seeking technical assistance through the Energy Technology Innovation Partnership Project (ETIPP), a program led by the U.S. Department of Energy in collaboration with the National Renewable Energy Laboratory (NREL). ETIPP supports coastal and remote communities in enhancing their energy resilience by providing access to tailored technical expertise and strategic energy planning.

The program offers two tracks. The first track is the Strategic Energy Planning (4–8 months), which supports the development of a community-specific energy resilience plan, including baseline energy assessments, community goals, and a phased action plan. The second track, the Deep Dive Technical Assistance (12–24 months), provides in-depth analysis for communities with an existing energy plan or defined energy project.

Boynton Beach qualifies for this opportunity due to its coastal location, aging infrastructure, and increasing vulnerability to extreme weather. Through this technical assistance, the City aims to identify strategies to improve energy efficiency, reduce costs, and ensure

uninterrupted operation of critical water services.

The ETIPP application deadline is July 27, 2025, with awards expected in fall 2025.

How will this affect city programs or services?

The City of Boynton Beach, committed to well-being and protection of its residents, finds it imperative to apply for this technical assistance opportunity to help ensure the long-term continuity of critical water services.

Account Line Item and Description: N/A

Fiscal Impact:

The stipend offered by ETIPP is expected to fund \$50,000 for the development of an energy resilience strategy for the water utilities infrastructure, at no cost to the City.

Attachments:

[R25-172 Agenda_Item_3341-](#)

[2025_Resolution_for_NREL_Energy_Technology_Innovation_Partnership_Project_grant_appli](#)

[Exhibit A to Resolution - Attachment 2 - COBB ETIPP Application Draft.docx](#)

[Attachment 1 - ETIPP Technical Assistance Overview.pdf](#)