

Entity/Sponsor Name

Pinellas County Utilities

Project Title

W.E. Dunn Water Reclamation Facility Electrical Improvements

Short Project Description

Please provide a concise summary of the work to be done, including why the project is necessary.

This project seeks to upgrade electrical equipment at the W.E. Dunn Water Reclamation Facility (Dunn WRF) to increase reliability and resiliency at the facility for emergencies, and especially during adverse weather such as storm and hurricane events. The Dunn WRF is located at 4111 Dunn Drive, Palm Harbor FL 34683, and serves Pinellas County's north service area. A major constraint of the facility is its aging and outdated electrical and backup system, predominantly constructed before 1995.

4 character(s) remaining

Project Outcomes

Please provide a list of outcomes that will result from this project.

The existing electrical system at Dunn WRF does not meet EPA Class I Reliability guidelines requiring that "design of the power distribution system must be such that no single fault or loss of a power source will result in disruption". This project will comply with EPA guidelines and increase reliability and resiliency in the facility's electrical and backup system, by replacing old generators/transformers with new, larger ones and adding heat and smoke detection system for insurance compliance.

0 character(s) remaining

Has a Vulnerability Assessment been performed for this area previously?

Vulnerability Assessments identify or address risks of flooding and sea level rise. It consists of measuring the impact of sea level rise and identifying the people, infrastructure, and land use that may be affected.

Yes No

Project Type

- Comprehensive Plan amendments and necessary analyses for complying with "Peril of Flood" statute (Sec. 163.3178(2)(f) F.S.) for communities with a Coastal Management Element in their comprehensive plan
- Vulnerability assessments, other than that necessary for compliance with Peril of Flood, that identify or address risks of flooding and sea level rise
- Development of adaptation/resilience plans, projects, and policies that allow for preparation for threats from flooding and sea level rise
- Projects to adapt critical assets to the effects of flooding and sea level rise
- Projects that mitigate the risks of flooding or sea level rise

Please provide a short description of what steps your county/municipality has taken thus far towards compliance with the Peril of Flood Statute (Sec. 163.3178(2)(f) F.S.):

Through the "Comprehensive Plan Evaluation and Post-Disaster Redevelopment Plan Update" project (June 2021), Pinellas County took action to comply with the "Peril of Flood Statute". The project identified relevant comprehensive plan policies that address critical issues such as coastal flooding, redevelopment, long-term resiliency, and adaptation. The policies from this effort helped understand the connections between plans and programs such as Sustainability and Resiliency Action Plan.

8 character(s) remaining

Please provide a brief description of previously completed or ongoing Vulnerability Assessments, plans, and policies, and how the proposed project will build on those.

The County owns over \$3 billion in water/wastewater assets and manages them by assessing them and implementing plans to ensure their assets are in working conditions. The County is in the process of developing its Water Master Plan including a Vulnerability Assessment. The County has also embarked on an Optimization Program for its facilities. This project is part of the Optimization Plan and will build on the policies set forth by the County to increase resiliency and decrease vulnerability.

2 character(s) remaining

1 Project Details 2 **Contact Information** 3 Funding Requests 4 Proposed Project Readiness to Proceed 5 Additional Information 6 Acknowledgement and Submit 7 Complete

Contact Information: Name

Street Address

City **State** **Zip**

Phone **Email**

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Project Type
 Please indicate if this is a new project or part of an existing one.
 New Project New Phase

| | | | |
|---|--|--|---|
| Anticipated Grant Funds Needed <input type="text" value="\$ 4,150,000.00"/> | Local Funds and/or Match Commitment <input type="text" value="\$ 4,150,000.00"/> | Source(s) of match funding? <input type="text" value="Pinellas County Utilities"/> | Total Project Cost <input type="text" value="\$ 8,300,000.00"/> |
|---|--|--|---|

Multi-Year Funding Breakdown
 If the project is expected to be completed in phases over more than one [1] year, please describe annual grant funds needed for each year and the phase with which those funds would be associated.

467 character(s) remaining

Cost Effectiveness
 Please describe how this project accomplishes its benefits in a way that achieves benefits in an affordable, efficient, and effective manner.

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Proposed Start Date
For construction projects, list proposed construction start date.

Estimated End Date
For construction projects, list proposed construction end date.

Is this project already permitted?
 Yes No N/A

Is this project already designed?
 Yes No N/A

Please list the plans and resources in place to make this project a success.
Identify the parties responsible for operating and maintaining the proposed project, and affirmatively state whether there is a legal or other commitment to do so.

325 character(s) remaining

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Will the project provide benefit to, or be located within, a state-designated financially disadvantaged community?
This may impact eligibility. Please consider carefully and check all that apply. For additional information please see section 288.0656, F.S., section 218.67(1), F. S., the rural area of opportunity map, and the fiscally constrained county map

Yes, a rural area of opportunity pursuant to 288.0656, F.S.
 Yes, a fiscally constrained county, pursuant to 218.67(1), F. S.
 Yes, another designation by state
 No or Not Applicable

Is there a public outreach component to the project?
 Yes No

County/COUNTIES
Enter the County or Counties in which the project is located. To select more than one county, press and hold the control key as you make your selections.

Project Location

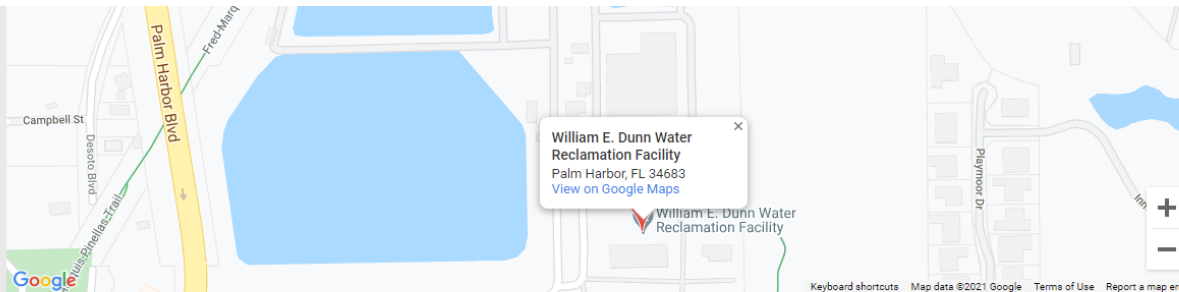
Zoom to the area of the project and place the marker where the project will be located. You may also search by address.



Project Category

Please select this project's purpose and impact among the following categories, with 1 being the primary purpose. You may select up to 3 categories as applicable.

| Rank | Category |
|-----------------------|--------------------------------|
| 1 (Primary Purpose) | Resiliency Implementation |
| 2 (Secondary Purpose) | Elevation of public structures |



Project Category

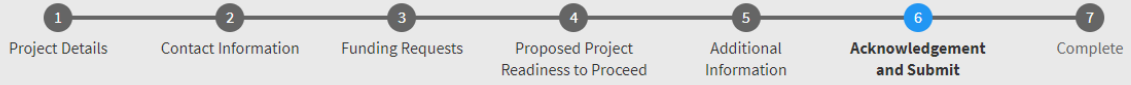
Please select this project's purpose and impact among the following categories, with 1 being the primary purpose. You may select up to 3 categories as applicable.

| Rank | Category |
|-----------------------|--------------------------------|
| 1 (Primary Purpose) | Resiliency Implementation |
| 2 (Secondary Purpose) | Elevation of public structures |
| 3 (Tertiary Purpose) | Peril of Flood |

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By choosing YES below, I hereby acknowledge that: (1) information submitted to the Department will become a public record; (2) submittal does not create an agreement, nor does it guarantee funding; (3) I understand the funding is available only to governmental, higher education, or nonprofit entities and I am or represent an eligible entity. (4) Additional information may be required, as necessary, pursuant to the criteria in s.380.093, F.S. You will receive notice on how to submit further information, if this next step is deemed necessary by the Department.

Yes

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Submit