

# Capital Improvement Plan

## City of Corpus Christi, Texas

2025 *thru* 2027

**Project #** 23024  
**Project Name** ONSWTP Electrical Reliability Upgrades

**Type** Improvement/Additions  
**Useful Life** 40 years  
**Category** Water Treatment  
**Department** Water  
**Contact** Director of Water Utilities  
**Priority** Priority Level 2  
**Council District** 1  
**Status** Active



### Description

This project will increase electrical reliability and resiliency of the ON Stevens Water Treatment Plant (ONSWTP) based on recommendations from Jacobs Engineering and AEP Texas. Project outcomes include reduced power outages and additional power capabilities to maintain water treatment and water distribution requirements.

### Justification

Electrical reliability and resiliency are needed at ONSWTP because Power Control Room I (PCR I) is a single point of failure for the plant wide electrical system. The plant has also experienced numerous unplanned AEP outages in the recent past causing pressure drops in the distribution system.

Expenditures	Prior Years	2025	2026	2027	Total
Construction/Rehab			4,000,000	3,000,000	7,000,000
Design		700,000			700,000
Eng, Admin Reimbursements		35,000	200,000	150,000	385,000
<b>Total</b>		<b>735,000</b>	<b>4,200,000</b>	<b>3,150,000</b>	<b>8,085,000</b>

Funding Sources	Prior Years	2025	2026	2027	Total
Revenue Bonds		735,000	4,200,000	3,150,000	8,085,000
<b>Total</b>		<b>735,000</b>	<b>4,200,000</b>	<b>3,150,000</b>	<b>8,085,000</b>

### Budget Impact/Other

This project will provide operational resiliency for the ONSWTP. Operational budget impact should be improved through more efficient equipment and less downtime due to power outages.