



City of Boynton Beach Agenda Item Request Form

Meeting Date: 12/ 2/2025

Proposed Resolution No. R25-322- Approve the Utilities Department's request to declare the two chillers and related components at the District Energy Service Plant as surplus property and authorize the use of the City's approved auction and surplus disposal methods to facilitate their sale.

Requested Action: Staff recommends approval of Proposed Resolution No. R25-322.

Explanation of Request:

The Utilities Department operates and maintains the District Energy Service (DES) Plant, which provides chilled water for air conditioning. The chilled water is generated at a centralized district energy plant and delivered through an underground piping system. Chilled water systems are approximately 25 percent more energy-efficient than traditional air conditioning systems, due to the efficient use of electrical power and water conservation. The plant was commissioned in 2020 with two big chillers, and a smaller chiller was added later to start supplying chilled water for air conditioning to City Hall, the Cultural Center, and Fire Station No. 1, with plans to use the two big chillers for expansion of the distribution system and provide air conditioning to new developments occurring in the downtown area. Unfortunately, the new developments were not interested in using the DES-provided air conditioning, and the two large chillers stayed idle. As these chillers are oversized for the system's current demand, the expansion of the area for DES chilled water demand has not materialized as anticipated.

Utilities is requesting authorization to utilize the City's approved surplus and auction services to dispose of the two large chillers and associated components. This action will free up valuable space within the facility, reduce operations and maintenance costs, as well as future equipment replacement capital costs, and allow the City to recover potential value from equipment that is currently sitting idle.

How will this affect city programs or services? By approving this item, Utilities will be able to use the funds to cover the cost of purchasing and installing a redundant, smaller chiller, allowing uninterrupted service to the three facilities.

Account Line Item and Description: Revenue to the City.

Fiscal Impact: There is no fiscal impact at this time. The funds from surplus of the equipment

will be used to to help offset the cost of purchasing and installation of a redundant/backup chiller.

Attachments:

[R25-322 Agenda_Item_3983-2025_Resolution_for_surplus_property.docx](#)

[Surplus Forms.pdf](#)