



City of Greensboro

Melvin Municipal
Office Building
300 W. Washington Street
Greensboro, NC 27401

Agenda Report

File Number: 2021-513

Agenda Item# G.10.

Agenda Date: 12/21/2021. **Department:** Water Resources
Meeting Type: Council Meeting **Category:** Consent Agenda

Title: 2021 – 513 Resolution Authorizing an Interconnection Agreement between the City of Greensboro and Duke Energy Carolinas for Generator Interconnections at the Mitchell Water Treatment Plant

Council Priority: Place an ‘x’ in the box.

- Create an Environment to Promote Economic Development Opportunities and Job Creation
- Maintain Infrastructure and Provide Sustainable Growth Opportunities
- Promote Public Safety & Reduce Crime
- Exceptional Customer Service and a Diverse City Government Workforce
- Ensure Fiscal Stewardship, Transparency, & Accountability

Council District: District 3

Public Hearing: No

Advertising Date/By: N/A

Contact 1 and Phone: Mike Borchers, 373-2494

Contact 2 and Phone: Virginia Spillman, 373-3260

PURPOSE:

The Water Resources Department is requesting city council authorize an interconnection agreement between the City of Greensboro and Duke Energy Carolinas for backup power generator interconnections at the Mitchell Water Treatment Plant.

BACKGROUND:

The Mitchell Water Treatment Plant is nearing completion of electrical upgrades to support the site. The electrical upgrades include a backup generator and automatic transfer switches that provide electric power redundancy for the operation of the plant. To provide automatic switchover during a power failure event, the city of Greensboro will be required to interconnect with Duke Energy. The interconnectivity and switchover process requires momentary paralleling of electrical sources to ensure no disruption of service or plant operation. Duke Energy Carolinas requires the execution of a utility interconnection agreement to allow for the momentary paralleling of sources <https://www.greensboro-nc.gov/home/showdocument?id=51321&t=637749849060864164>.

BUDGET IMPACT:

No budget impact.

ACCOUNT NUMBER:

Not applicable.

RECOMMENDATION / ACTION REQUESTED:

It is recommended that City Council approve a resolution authorizing an Interconnection Agreement between the City of Greensboro and Duke Energy Carolinas for backup power generator interconnections at the Mitchell Water Treatment Plant.