

# JEA AT A GLANCE—ELECTRIC

Timeframe: quarter ending 9/30/24



## ELECTRIC SYSTEM

- 528,050 customers
- 905 square miles of electric service area
- 7,465 miles of distribution lines
  - 744 circuit miles of transmission lines



## ELECTRIC GENERATION

- Brandy Branch Generating Station (BB)
- Greenland Energy Center (GEC)
- Kennedy Generating Station (KS)
  - Northside Generating Station (NGS)



## GENERATION TECHNOLOGIES

- 2 circulating fluidized bed units (NGS)
- 1 oil/gas-fired turbine-generator unit (NGS)
  - 4 diesel-fired combustion turbines (NGS)
- 1 gas-fired two-on-one combined cycle system (BB)
- 5 gas/diesel-fired combustion turbines; (1 at BB, 2 at KS, 2 at GEC)
  - 2 nuclear reactor power purchase agreements
- 8 solar photovoltaic power purchase agreements

## OUR ELECTRIC POWER SUPPLY MIX



Natural Gas

63%



Purchased Power

14%



Nuclear

10%



Coal/Petroleum Coke

10%



Solar

3%



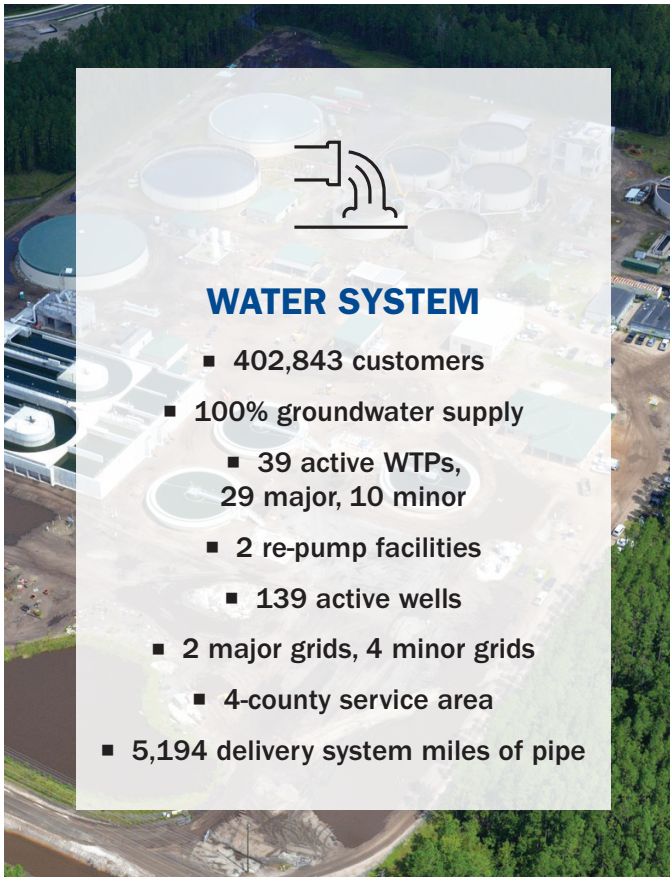
Other Renewables\*

< 1%

\*Included in this percentage is JEA's total investment in renewable energy, i.e. landfill gas and biomass.

# JEA AT A GLANCE—WATER

Timeframe: quarter ending 9/30/24



## WATER SYSTEM

- 402,843 customers
- 100% groundwater supply
  - 39 active WTPs, 29 major, 10 minor
  - 2 re-pump facilities
  - 139 active wells
- 2 major grids, 4 minor grids
  - 4-county service area
- 5,194 delivery system miles of pipe



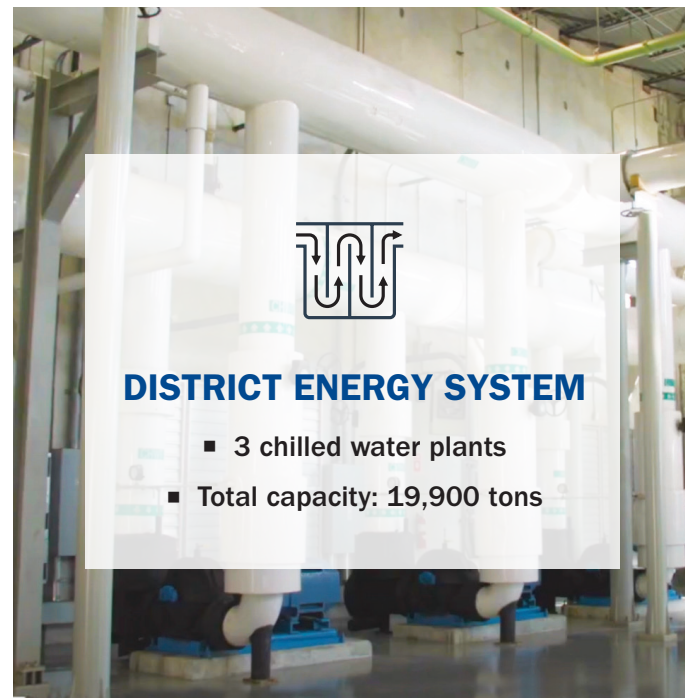
## REUSE SYSTEM

- 29,462 customers
- 10 reclaimed water production facilities
  - 5 storage and re-pump facilities
- 3 production and storage facilities
  - 617 miles of pipe



## WASTEWATER SYSTEM

- 322,553 customers
- 11 treatment facilities, 7 regional, 4 non-regional
- 1,654 pump stations
- 4,475 collection system miles of pipe



## DISTRICT ENERGY SYSTEM

- 3 chilled water plants
- Total capacity: 19,900 tons

# JEA AT A GLANCE

Timeframe: quarter ending 9/30/24

## Electric System

- 528,050 customers
- 905 square miles of electric service area
- 7,465 miles of distribution lines
- 744 circuit miles of transmission lines

## Electric Generation

- Brandy Branch Generating Station (BB)
- Greenland Energy Center (GEC)
- Kennedy Generating Station (KS)
- Northside Generating Station (NGS)

## Generation Technologies

- 2 circulating fluidized bed units (NGS)
- 1 oil/gas-fired turbine-generator unit (NGS)
- 4 diesel-fired combustion turbines (NGS)
- 1 gas-fired two-on-one combined cycle system (BB)
- 5 gas/diesel-fired combustion turbines; (1 at BB, 2 at KS, 2 at GEC)
- 2 nuclear reactor power purchase agreements
- 8 solar photovoltaic power purchase agreements

## Electric Power Supply Mix

- Natural Gas 63%
- Purchased Power 14%
- Nuclear 10%
- Coal/Petroleum Coke 10%
- Solar 3%
- Other Renewables\* < 1%

## Water System

- 402,843 customers
- 100% groundwater supply
- 39 active WTPs
  - 29 major, 10 minor
- 2 re-pump facilities
- 139 active wells
- 2 major grids, 4 minor grids
- 4-county service area
- 5,194 delivery system miles of pipe

## Wastewater System

- 322,553 customers
- 11 treatment facilities
  - 7 regional, 4 non-regional
- 1,654 pump stations
- 4,475 collection system miles of pipe

## Reuse System

- 29,462 customers
- 10 reclaimed water production facilities
- 5 storage and re-pump facilities
- 3 production and storage facilities
- 617 miles of pipe

## District Energy System

- 3 chilled water plants
- Total capacity: 19,900 tons

\*Included in this percentage is JEA's total investment in renewable energy, i.e. landfill gas and biomass.



Building Community