



















## Overview of Oglethorpe Power Corporation

- One of the largest electric cooperatives in the U.S.
  - Generation only
  - Transmission owner is Georgia Transmission Corporation and System
     Operator is Georgia System Operations Corporation
- Diverse portfolio of nuclear, coal, pumped storage hydro, and simple-cycle and combined-cycle gas turbines.
   Renewables through Green Power EMC
- 2014 System Peak is 9354MW January 7
- Revenues of approximately \$1.4 billion
- Assets of about \$9 billion
- Additional \$4.5 billion under construction at Plant Vogtle

## Generating Facilities

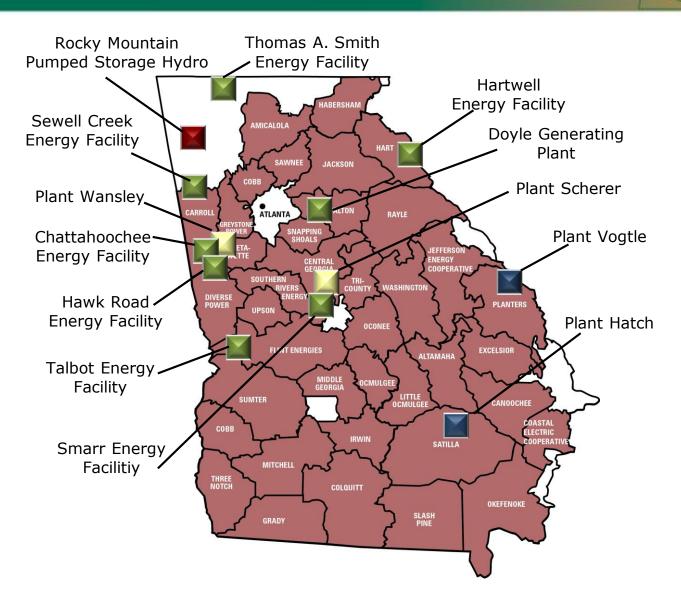


■ Gas

■ Nuclear

Coal

■ Hydro



## Family of Companies















## Oglethorpe Power Corporation

Generates electricity

#### Georgia Transmission Corporation

Transmits electricity from generation plant to EMC substations

# Georgia Systems Operations Corporation

Schedules and balances the amount of power generated by OPC and the amount used and purchased by the Members





### Renewable Resources







- 38 Member EMC
- First Renewable Utility in Georgia
- Projects (total of 33MW):
  - Low Impact Hydro 2.3MW
  - Biomass Generation (Waste Wood) 16MW
  - Solar Projects 0.465MW
  - Landfill Gas Generation 14MW
- Projects in Development
  - Hazlehurst Utility Scale Solar 20MW
- Public Outreach
  - 35 "Sun Power for Schools" facilities
  - 2 "Wind Power for Schools" facilities
  - Jr. Solar Sprint, Middle School Solar power model car program
  - Earth Day celebration funding





- 24 members including OPC
- Seeks renewable opportunities for its members
- Solar and Wind Initiatives Throughout US
- OPC continues to review opportunities through NRCO

#### **Examples of Other EMC Initiatives**

#### Other Initiatives:

- Flint Energies 3.2 MW Landfill Gas to Energy
- Cobb EMC 7.7 MW Solar PV
- EMC Group 1.6 MW Landfill Gas
- Many EMCs Solar PV and Thermal Incentives
- Sawnee EMC/Coastal EMC Electric Vehicle Incentives