

RENEWABLE ENERGY

The US EPA Clean Power Plan
Section 111 (d) GA Stakeholder Meeting
September 19, 2014

The GPSC's Mission

The mission of the Georgia Public Service Commission is to exercise its authority and influence to ensure that consumers receive safe, reliable and reasonably priced telecommunications, electric and natural gas services from financially viable and technically competent companies.

GPSC Commissioners



Stan Wise
District 5



Lauren "Bubba" McDonald, Jr.
District 4



Tim Echols
District 2



Doug Everett
District 1



Chuck Eaton
District 3

Resource Additions

The Georgia Public Service Commission can add resources to Georgia Power's Portfolio:

- ▣ Integrated Resource Plan
- ▣ Certification Filings
- ▣ Other Filings by the Company

Georgia Law and Public Service Commission Rules

- ▣ Integrated Resource Planning (“IRP”) Act (O.C.G.A § 46-3A) passed by Georgia legislature in 1991
 - Requires Georgia Power to utilize a structured generation planning and procurement process
 - Requires Georgia Power to file an integrated resource plan at least every 3 years
 - Requires proposed generation resources to provide an economic and reliable supply of electricity to customers

Georgia Law and Public Service Commission Rules

- ▣ The IRP shall include Georgia Power's:
 - Electric Demand and Energy Forecast for 20 years
 - 10 year Transmission and Distribution System Upgrade Plan
 - Plan to meet the projected demand in an Economic and Reliable Manner
 - Analysis of all Capacity Resource Options including both Demand-Side and Supply-Side Options
 - Assumptions and Conclusions regarding the Effect Of Each Resource Option on the Future Cost and Reliability of Electric Service

Current Renewable Activity

- ▣ Biomass
- ▣ Wind
- ▣ Solar

Biomass

- ▣ Commission has recently approved up to 273.5 MW of Biomass Power Purchase Agreements
- ▣ The agreements were part of a Proxy Price Methodology out of the Georgia Power's 2015 Request for Proposal.
- ▣ Projects to come online June 2015 and after

Wind

- ▣ In 2014, approved 250 MW of wind from Oklahoma that will begin delivery in 2016
- ▣ Georgia Power is required to issue a report in the March 1, 2015 regarding wind assessment with a preference toward a RFP process
- ▣ This process will include a Request for Information which is slated to be issued the last quarter of 2014

Solar

- ▣ Green Energy Program- 4,100 customers
- ▣ Large Scale Solar- 50 MW
- ▣ Advanced Solar Initiative (210 MW, 425 MW)
 - Utility Scale
 - Distributed Generation
- ▣ Georgia Power Army Self-Build Solar Projects (90MW)