

## Plant Vogtle Units 3 and 4 Background

### Vogtle Units 3 and 4 Benefits

- Georgia expects to add more than 4 million new residents by 2030.
- Georgia Power, Oglethorpe Power, MEAG Power, and Dalton Utilities are adding two additional nuclear units at Plant Vogtle to meet customer needs.
- The two new units represent a \$14 billion capital investment in Georgia and will create approximately 5,000 on-site construction jobs and 800 high-paying permanent jobs

### Key Facts

- Two Westinghouse “AP1000” (Advanced Pressurized) nuclear units.
- For more information about the Westinghouse AP1000, visit its web site at <http://www.ap1000.westinghousenuclear.com/>.
- Generating capacity: approximately 1,100 megawatts each.
- Location: Vogtle Electric Generating Plant site (with existing units 1 and 2), Waynesboro, Georgia.
- The co-owners will maintain their current ownership shares in the Vogtle Units 3&4: Oglethorpe, 30%; MEAG, 22.7%; and Dalton Utilities, 1.6%. Georgia Power’s proportionate share is 45.7%.
- Licensee/operator for owners: Southern Nuclear Operating Company

### Timeline

- Georgia Power filed an Application for Certification of Vogtle Units 3&4 with the Georgia PSC on August 1, 2008.
- The Georgia PSC approved the need and cost effectiveness, granting approval to implement the proposed Vogtle expansion in March, 2009.
- In April, 2009, Vogtle Units 3&4 were named the U.S. nuclear industry reference plant for the AP1000. As reference plant, these units will be the first in America licensed to operate using AP1000 technology.
- Early Site Permit (ESP) and Limited Work Authorization (LWA) issued by the Nuclear Regulatory Commission (NRC) received August, 2009.
- Vogtle Units 3&4 are expected to be placed in service in 2016 and 2017, respectively.

### Benefits of Nuclear Power

Nuclear power is cost-competitive, clean and provides fuel diversity to the company's fuel mix, which is currently dominated by fossil fuels such as coal and natural gas. Nuclear power plants:

- Have operated safely and securely in Georgia since 1975 and currently provide more than 20 percent of the state’s electricity.
- Is the only large-scale generation source that emits no carbon.
- Use fuel that is available worldwide from countries such as Canada and Australia.
- Add fuel diversity to America’s energy sources.
- Account for 75 percent of all emission-free electricity in the U.S.

### Cost

Georgia Power’s certified cost of the two units, based on its current ownership interest of 45.7 percent, is \$6.1 billion.