



Department of Energy

Washington, DC 20585

April 10, 2026

NOTICE OF FLOODPLAIN ACTION

for

Georgia Power Company, Bowen Battery Energy Storage System Project

Bartow County, Georgia

The Department of Energy (DOE), Office of Energy Dominance Financing, is issuing this notice of floodplain action for Georgia Power Company's Bowen Battery Energy Storage System (BESS) (Project) in Bartow County, Georgia.

Georgia Power Company has applied for Federal financial assistance for the Project. DOE has determined that the potential Federal financial assistance for the Project is a floodplain action; therefore, the requirements of 10 Code of Federal Regulations (CFR) 1022 apply.

Pursuant to 10 CFR Part 1022, a 15-day public comment period for this proposed floodplain action commences with publication of this notice and will conclude on April 24, 2026. At the end of the public comment period, DOE will consider all substantive comments received and prepare a floodplain statement of findings.

The floodplain assessment is attached to this notice.

To submit comments, please email [EDF Environmental@doe.gov](mailto:EDF_Environmental@doe.gov). Please include "**GPC: Bowen BESS**" in the subject line. Comments must be received by April 24, 2026.

FLOODPLAIN ASSESSMENT

for

Georgia Power Company, Bowen Battery Energy Storage System Project

Bartow County, Georgia

April 10, 2026

Introduction

Approximately 1,000 feet of a new 230-kilovolt (kV) transmission tie-line is proposed to be built within the 100-year floodplain in Bartow County, Georgia (Figure 1). No project components would be located in the 500-year floodplain. The Bowen Battery Energy Storage System (BESS) Project (Project), is not considered to be a critical action, as defined at 10 CFR 1022.4. This memo describes the U.S. Department of Energy's (DOE) assessment of floodplains pursuant to 10 CFR 1022.

Floodplain Assessment

As defined at 10 CFR 1022.4, *Floodplain action* means any DOE action that takes place in a floodplain, including any DOE action in a wetland that is also within the floodplain. DOE has determined that the Project is a floodplain action.

Project Description

The Project consists of building a Battery Energy Storage System (BESS), new substation, and a 230-kV tie-line between the new substation and the existing Bowen-Judy Mountain 230-kV transmission line. The Project consists of two phases. Each phase includes construction of a 250-megawatt (MW), 1,000-megawatt-hour (MWh) BESS with a 20-year asset life and Commercial Operation Date (COD) of November 2028. Each Phase will connect to a common Generation Step-Up (GSU) substation located between the two Phases. Connection will be via 34.5 kV underground lines. The GSU substation will transform the generating voltage to 230 kV so it can be conveyed to the grid via a new interconnecting tie-line. The 230 kV tie-line will connect to a new 230 kilovolt (kV) interconnection substation to be constructed and owned by GPC on the same 539-acre GPC parcel. This new substation ("West Bowen") will connect to the grid via the existing Bowen - Judy Mountain 230 kV Transmission Line. Both Phases are scheduled to start construction in December 2026.

The tie-line will be approximately 1,500 feet in length, of which, approximately 1,000 feet will be located within the 100-year floodplain. Within the 100-year floodplain, one existing H-frame structure (two poles with a cross-bar) will be removed and replaced with two new steel monopoles. GPC estimates that two additional steel monopoles will be installed in the 100-year floodplain. The span between structures is approximately 530 feet. The net new development in the 100-year floodplain is two new steel monopoles.

Alternatives

The alternatives before DOE include: (1) to provide Federal financial assistance for the Project; or (2) not provide Federal financial assistance for the Project. No siting alternatives were considered by DOE.

Proposed Statement of Findings

Approximately 1,000 linear feet of the new 230kV tie-line will cross the 100-year floodplain. Two new steel monopole transmission structures will be installed in the floodplain (net new). New structure placement will meet local and federal floodplain management requirements. The new structures will be designed to not affect base flood elevations. Work areas will be temporary and will not require modifications to site elevations. Temporary erosion controls will be installed and maintained until the work areas are restored and stabilized. Base flood elevations will not be affected by the Project.

The following image shows the Bowen BESS Project Area in red outline. The 100-year floodplain is shown in purple. The new 230-kV tie-line is in the southern portion of the project area, adjacent and connecting to the existing Bowen-Judy Mountain 230kV Transmission Line.

Figure 1 Bowen BESS Project Area and 100-year Floodplain

