



Department of Energy

Washington, DC 20585

April 16, 2026

NOTICE OF FLOODPLAIN ACTION

for

Interstate Power and Light Company, Bobcat Energy Center Project

Marshall County, Iowa

The Department of Energy (DOE), Office of Energy Dominance Financing, is issuing this notice of floodplain action for Interstate Power and Light Company's Bobcat Energy Center Project (Project) in Marshall County, Iowa.

Interstate Power and Light Company has applied for Federal financial assistance for the Project, and DOE has determined that this financial assistance would result in a floodplain action per DOE's floodplain regulations (10 Code of Federal Regulations [CFR] 1022).

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 May 1, 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. Please include "**IPL: Bobcat Energy Center**" in the subject line. Comments must be received by May 1, 2026.

FLOODPLAIN ASSESSMENT

for

Interstate Power and Light Company, Bobcat Energy Center Project

Marshall County, Iowa

April 16, 2026

Introduction

Interstate Power and Light Company (IPL) proposes to construct, own, and operate a 720-megawatt natural gas-fired electric generation facility using simple-cycle gas turbine technology within Marshall County, Iowa (Project). Most of the Project footprint is within Federal Emergency Management Agency (FEMA) mapped 100-year floodplain (also known as the Special Flood Hazard Area; Figure 1). No part of the Project would be located in FEMA-mapped 500-year floodplain. 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. DOE has determined that the Project is a floodplain action.

Project Description

The Project includes a new natural gas generation facility and a new 1-mile transmission interconnection line. The natural gas generation facility and interconnection transmission line would be constructed within IPL property (zoned as General Industrial) just north of IPL's existing Marshalltown Generation Station (2115 E. Nevada Street). The natural gas generation facility would require an access road, stormwater detention basin, and new city tie-ins for potable water, wastewater, and sanitary water. The interconnection transmission line would consist of ten (10) new steel poles supporting a double-circuited 345 kilovolt transmission line. Construction would disturb 66.5 acres, which includes the 19.5-acre natural gas generation facility footprint, a 5-acre electrical transmission line corridor, 38-acres of temporary laydown and construction facilities areas, and 4 acres of spoils stockpile that will be stabilized and remain upon completion of the natural gas generation facility for maintenance convenience and use later as needed onsite. The 38 acres of temporary construction laydown areas will be restored upon construction completion. Construction for the natural gas generation facility will require fill be added to raise the natural gas generation facility footprint a minimum of one (1) foot above the 100-year flood plain. No alterations to the 100-year floodplain are required for the transmission interconnection line.

The projected construction schedule starts in 2026 and extends through 2029. Site preparation and foundation work lasts from summer 2026 through winter 2027. Building and equipment installation is planned to begin in summer 2027 and will be phased over time. Full operational production is expected by the end of 2029.

Alternatives

The alternatives before DOE include: (1) 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

The proposed Project is located within the 100-year floodplain (Zone AE) of the Iowa River. Per local ordinances, the proposed natural gas generation facility footprint will be graded and elevated to a minimum of one (1) foot above the 100-year floodplain elevation to meet the Marshalltown, Iowa Code of Ordinances, § 156.C.006 (O)(2)(c) for non-residential buildings. The Project will also comply with Iowa Administrative Code (IAC) 567—72.5(1)(a), which outlines the minimum level of flood protection for buildings based on their damage potential. A floodplain analysis was performed that determined that the Project would not cause a rise in flood flows. The analysis was certified by a Licensed Professional Engineer on October 27, 2025. The Iowa Department of Natural Resources floodplain permit has already been received, and the City of Marshalltown floodplain permit is currently in development.

Figure 1 (next page) shows the Bobcat natural gas generation facility (yellow polygon) and the transmission interconnection line (blue line) overlain with the FEMA 100-year flood hazard map (slight shading). With the exception of a portion of the access road leading to the natural gas facility, the entire Project is within the 100-year flood hazard zone.

Figure 1 Bobcat Energy Center Project Area and 100-year Floodplain

