

## Accessibility Conformance Report

H.R. 1, 118th Congress — Lower Energy Costs Act (Engrossed, 208 pages)

Report date: June 11, 2026. Demonstration sample — remediation of a publicly available government document, prepared to demonstrate methods and verification practices. This document and the remediated deliverable were produced by an AI-assisted pipeline with machine validation; this report is itself a tagged, PDF/UA-conformant document.

### Source document profile

Born-digital engrossed bill, 208 pages, untagged, no document language. Legislative line numbering and small-caps typesetting defeat naive text extraction.

### Remediation method

Rule-based structurer for the engrossed-bill document class: legislative line numbers stripped, hyphenated line-wraps rejoined, small-caps words re-assembled, 96 section headings and division/title hierarchy restored, tables of contents rebuilt as list structures, statutory amendment text preserved verbatim.

### Standards and validation

Target standards: PDF/UA-1 (ISO 14289-1) structural conformance, supporting WCAG 2.1 Level AA document requirements under the DOJ ADA Title II web and document accessibility rule.

Machine validation: 410,435 of 410,435 machine checks passed (veraPDF 1.30, PDF/UA-1 profile), 0 failures. Content coverage gate: 96% of source words preserved (PASS; delta is de-hyphenation merges and running-head removal).

Verification model: three independent nets — (1) machine conformance (veraPDF, full PDF/UA-1 profile); (2) mechanical content-coverage gating against the source extraction; (3) semantic review of heading hierarchy, reading order, list and table structure. Final assistive-technology review (screen reader) is performed before client delivery.

### Scope and limitations

Deliverable is an accessible rendition (97 pages) that intentionally omits the engrossed format's per-line numbering and page breaks; statutory designations are preserved verbatim.