

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE BILL
No. 2429 Session of
2026

INTRODUCED BY CERRATO, FIEDLER, HANBIDGE, RIVERA, MALAGARI,
VENKAT, STEELE, OTTEN, HILL-EVANS, CEPEDA-FREYTIZ, BOROWSKI
AND DONAHUE, APRIL 20, 2026

REFERRED TO COMMITTEE ON ENERGY, APRIL 20, 2026

AN ACT

Amending Title 66 (Public Utilities) of the Pennsylvania
Consolidated Statutes, in restructuring of electric utility
industry, providing for hosting capacity maps.
The General Assembly of the Commonwealth of Pennsylvania

hereby enacts as follows:

Section 1. Title 66 of the Pennsylvania Consolidated
Statutes is amended by adding a section to read:

§ 2807.1. Hosting capacity maps.

(a) Duties of electric distribution companies.--

(1) By July 1, 2027, each electric distribution company
shall develop and make publicly available distribution system
hosting capacity maps on the electric distribution company's
publicly accessible Internet website for respective service
territories, which shall be updated every two months and
prioritize feeders or nodes that experienced significant

changes since the electric distribution company's previous update.

(2) The commission may require each electric distribution company to include additional data points to improve transparency and planning, as necessary.

(3) In order to prevent misuse of the hosting capacity maps developed under paragraph (1), each electric distribution company may establish an online portal or registration process that enables an individual or entity to provide identity verification prior to being granted access to the hosting capacity maps on the electric distribution company's website.

(4) The commission shall ensure that each electric distribution company does not discriminate against, hinder, or deny an individual or entity that is properly requesting access to the electric distribution company's distribution system hosting capacity maps. Any individual or entity may file a complaint with the commission if there is reason to believe they have been wrongfully denied or prevented access to an electric distribution company's hosting capacity map.

(b) Hosting capacity websites.--The commission shall publish a list of hyperlinks for each electric distribution company hosting capacity map website on the commission's publicly accessible Internet website.

(c) Standards.--The commission ~~may~~ **shall** establish uniform reporting standards for consistency across each electric

distribution company, ~~within nine months of the effective date~~ of this act, subject to a stakeholder proceeding. At a minimum, standards should address data format, methodology for calculating load hosting capacity, threshold criteria for constraint disclosure, and map user interface requirements.

(d) Preapplication period.--

(1) Within 30 days of the effective date of this subsection, each electric distribution company shall develop a preapplication report that provides general locational information to an entity that proposes to interconnect ~~new load or generation~~ to the distribution system upon request, which shall include the proximity to distribution lines operating at a nominal voltage of at least ~~4,000~~ 4 kV, existing interconnected generation and load, distribution system capacity and constraints relevant to interconnection viability and any other relevant information identified by the commission.

(2) An electric distribution company shall provide the locational information to the entity that proposes to interconnect to the distribution system within seven business days after a request is submitted to the electric distribution company.

(e) Requirements.--The hosting capacity maps under subsection (a) shall include, at a minimum, the following:

(1) Total available distribution system hosting capacity, expressed in kilowatts, for new loads.

(2) A unified interface which shall identify the following:

(i) A single unified interface with filtering or toggling mechanisms designed to identify the following:

(A) Available ~~load~~-hosting capacity **for new load interconnections.**

(B) Available capacity for distributed energy resource interconnection.

(C) Any distribution system constraints or characteristics identified by the commission as relevant to siting decisions for new large loads or generation.

(ii) Existing and queued distributed energy resources.

(iii) Distribution system constraints.

(3) Display of circuit hosting capacity at circuit-level granularity, including feeder subsections.

(4) Forecasts of approved system upgrades.

(5) Geographic locations and voltage levels of circuits.

(6) Available circuit capacity expressed in kilowatts.

(7) Disclosure of constraints or limiting criteria identified by color coding system, which are evaluated by the hosting capacity analysis for thermal, anti-islanding and voltage, for the purpose of identifying capacity limits.

(f) Reliability reports.--Each electric distribution company shall publish an annual reliability report which shall include the following metrics, identified per circuit:

(1) System average interruption frequency index, representing the average number of interruptions per interrupted customer.

(2) Customer average interruption duration index, representing the average interruption duration or average time to restore service per interrupted customer.

(3) Customers experiencing multiple interruptions, identifying customers experiencing at least five interruptions annually divided by the total number of customers served.

(4) Customers experiencing long interruption durations, identifying customers that have experienced outages of one or more hours in duration divided by the total number of customers served.

(5) Average outage frequency and duration per circuit and substation.

(6) Identification of circuits and substations with persistent reliability issues.

(7) Planned and completed upgrades to enhance grid reliability.

(8) Any other reliability metrics that the commission deems appropriate.

(g) Commission review.--The commission shall hold an annual public input hearing to receive input from relevant stakeholders on hosting capacity map design, necessary updates, accuracy and usability.

(h) Complaint process.-- The commission shall promulgate regulations to establish a customer complaint process for any alleged violations of the hosting capacity map standards and requirements established in this act. A violation of this act shall be subject to enforcement by the commission under 66 Pa.C.S. Ch. 33 (relating to violations and penalties).

(i) Applicability. -- This section shall not apply to an electric distribution company with less than 100,000 customers.

Section 2. This act shall take effect in 90 days.