



# STATE OF CONNECTICUT

## CONNECTICUT SITING COUNCIL

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May 22, 2018

TO: Parties and Intervenors

FROM: Melanie Bachman, Executive Director *MAB*

RE: **DOCKET NO. 483** - The United Illuminating Company application for a Certificate of Environmental Compatibility and Public Need for the Pequonnock Substation Rebuild Project that entails construction, maintenance, and operation of a 115/13.8-kilovolt (kV) gas insulated replacement substation facility located 700 feet southwest of UI's existing Pequonnock substation on an approximately 3.7 acre parcel owned by PSEG Power Connecticut, LLC at 1 Kiefer Street, Bridgeport, Connecticut, and related transmission structure and interconnection improvements.

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At a pre-hearing teleconference held on May 22, 2018, and attended by Murtha Cullina LLP representative Bruce McDermott, Esq., and The United Illuminating Company representative Amy Hicks, the Council requested that the following format be used for the public hearing scheduled on June 14, 2018.

### Pre-hearing Procedure

1. On or before May 31, 2018, all parties and intervenors are requested to exchange pre-hearing interrogatories with all other parties and intervenors.
2. On or before June 7, 2018, all parties and intervenors are requested to file responses to pre-hearing interrogatories and exchange pre-filed testimony, exhibits, witness lists, and items to be noticed administratively with the Council and all other parties and intervenors. To save the time and expense of parties, intervenors, and the public, all parties and intervenors are encouraged to resolve discrepancies of these items before the hearing.
3. Any person seeking to be admitted as a party or intervenor to the proceeding is requested to file a written petition with the Council on or before June 7, 2018.
4. All filings are to be in accordance with the State Solid Waste Management Plan and in accordance with Section 16-50j-12 of the Regulations of Connecticut State Agencies. The Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators.
5. Pursuant to Section 16-50j-21 of the Regulations of Connecticut State Agencies, at least ten business days prior to the public hearing, the applicant shall erect and maintain, in a legible condition, a sign not less than six feet by four feet at the entrance to the property from a public road where the proposed facility is to be located. The sign shall set forth the name of the applicant, the type of facility, the public hearing date, and contact information for the Council (Web site and phone number). **The sign shall not be removed from the site until after the commencement of the evening public comment session.**



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6. Enclosed is a list of items the Council wishes to notice administratively. Objections to any item on the list should be sent to the Council before the hearing.

### **Hearing Procedure**

7. A public field review of the proposed site will be held on Thursday, June 14, 2018, beginning at 2:00 p.m.
8. The 3:00 p.m., June 14, 2018, hearing session will provide the applicant, parties, and intervenors an opportunity to introduce exhibits and witnesses, and cross-examine positions. The applicant will be allowed to present its exhibits and witness panel, and then be subject to cross-examination by the Council and all parties and intervenors. All parties and intervenors will then be allowed to introduce their exhibits and witness panels, and be subject to cross-examination by the Council, the applicant and all other parties and intervenors.
9. All participants are requested to place nameplates on the table in front of each witness at the hearing.
10. The order of appearances and cross-examination will be governed by a hearing program developed by the Council for the proceeding. The Council may issue a draft version of the hearing program to parties and intervenors prior to the hearing.
11. The 6:30 p.m. hearing session on June 14, 2018, will be reserved for the public to make brief statements into the record. The Council requests that the applicant conduct a brief presentation prior to public comment, using 24-inch by 36-inch diagrams depicting site features, including a map showing abutting properties. The diagrams must be from materials already submitted into the record.
12. If time remains, the 6:30 p.m. hearing session may provide the applicant, parties, and intervenors an opportunity to continue their appearances and cross-examination that began during the 3:00 p.m. hearing session.
13. The Council will provide public officials who have not been granted party or intervenor status an opportunity to make a statement.
14. The Council may, at its discretion, group parties and intervenors with the same interest.
15. Individuals will be encouraged to participate through their elected officials and other party or intervenor groupings.
16. Any party or intervenor, including those that are members of non-profit corporations or citizens groups, that have attained party or intervenor status in the proceeding are deemed to be represented in the proceeding and may not submit oral or written statements into the record.
17. All participants will be encouraged to be brief, concise, non-repetitious, and courteous of all other participants.

**Post-hearing procedure**

18. A verbatim transcript of the hearing session will be made and deposited with the Bridgeport City Clerk's Office, Bridgeport, Connecticut for the convenience of the public.
19. Parties and intervenors will be allowed to submit briefs and proposed findings of fact within 30 days after the close of the hearing.
20. Members of the public will be allowed to submit public statements into the record within 30 days after the close of the hearing.
21. Deadlines for briefs, proposed findings of fact, and public statements will be final and no extensions will be granted.

Thank you for your cooperation.

MB/MP/lm

Administrative Notice List  
Docket No. 483

**FEDERAL**

1. NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES, NATIONAL INSTITUTES OF HEALTH, *EMF, Electric and Magnetic Fields Associated with the Use of Electric Power*, June 2002, available at [https://www.niehs.nih.gov/health/materials/electric and magnetic fields associated with the use of electric power questions and answers english 508.pdf](https://www.niehs.nih.gov/health/materials/electric_and_magnetic_fields_associated_with_the_use_of_electric_power_questions_and_answers_english_508.pdf)
2. NATIONAL RESEARCH COUNCIL, *Research on Power-Frequency Fields Completed Under the Energy Policy Act of 1992*, National Academy of Sciences, 1999, available at <http://books.nap.edu/openbook.php?isbn=0309065437>
3. Proclamation No. 8460 - Critical Infrastructure Protection Month, 2009, 74 Fed. Reg. 234, December 8, 2009, available at <http://www.presidency.ucsb.edu/ws/index.php?pid=86954>
4. Presidential Executive Order No. 13636, Improving Critical Infrastructure Cybersecurity, 78 FED. REG. 11739, February 19, 2013, available at <http://www.archives.gov/federal-register/executive-orders/2013.html>
5. UNITED STATES DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE, *National Register of Historic Places*, available at <http://www.nps.gov/history/nr/research/index.htm>
6. FEDERAL AVIATION ADMINISTRATION, UNITED STATES DEPARTMENT OF TRANSPORTATION, OBSTRUCTION MARKING AND LIGHTING, ADVISORY CIRCULAR AC70/7460-1L, December 4, 2015, available at [https://www.faa.gov/documentLibrary/media/Advisory\\_Circular/AC\\_70\\_7460-1L.pdf](https://www.faa.gov/documentLibrary/media/Advisory_Circular/AC_70_7460-1L.pdf)
7. UNITED STATES DEPARTMENT OF ENERGY, FEDERAL ENERGY REGULATORY COMMISSION AND THE NORTH AMERICAN ELECTRIC AND RELIABILITY CORPORATION, *Report on Transmission Facility Outages During the Northeast Snowstorm of October 29-30, 2011 – Causes and Recommendations*, May 31, 2012, available at <http://ferc.gov/legal/staff-reports/05-31-2012-ne-outage-report.pdf>
8. NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION, Critical Infrastructure Protection, CIP-014-1, Physical Security Standards, May 1, 2014, available at <http://www.nerc.com/pa/Stand/Reliability%20Standards/CIP-014-1.pdf>
9. UNITED STATES QUADRENNIAL ENERGY REVIEW TASK FORCE, *Quadrennial Energy Review: Energy Transmission, Storage, and Distribution Infrastructure*, April 2015, available at <http://energy.gov/epsa/downloads/quadrennial-energy-review-full-report>
10. UNITED STATES QUADRENNIAL ENERGY REVIEW TASK FORCE, *Quadrennial Energy Review Second Installment: Transforming the Nation's Electricity System*, January 2017, available at <https://energy.gov/epsa/downloads/quadrennial-energy-review-second-installment>
11. U.S. FISH AND WILDLIFE SERVICE, Final 4(d) Rule for the Northern Long-eared Bat, January 14, 2016, available at <https://www.fws.gov/Midwest/endangered/mammals/nleb/pdf/FRnlebFinal4dRule14Jan2016.pdf>

12. UNITED STATES ENERGY INFORMATION ADMINISTRATION, *Annual Energy Outlook 2018*, February 6, 2018, available at <https://www.eia.gov/outlooks/aeo/pdf/AEO2018.pdf>

## **REGIONAL**

13. ISO-NEW ENGLAND, INC., *Power Generation and Fuel Diversity in New England*, August 25, 2005, available at [http://www.iso-ne.com/pubs/whtpprs/iso\\_ne\\_paper.pdf](http://www.iso-ne.com/pubs/whtpprs/iso_ne_paper.pdf)
14. ISO-NEW ENGLAND, INC., *Electricity Costs White Paper*, June 1, 2006, available at [http://www.iso-ne.com/pubs/whtpprs/elec\\_costs\\_wht\\_ppr.pdf](http://www.iso-ne.com/pubs/whtpprs/elec_costs_wht_ppr.pdf)
15. ISO-NEW ENGLAND, INC., *2015 Regional System Plan*, November 5, 2015, <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
16. ISO-NEW ENGLAND, INC., *2017 Regional System Plan*, November 2, 2017, <http://www.iso-ne.com/system-planning/system-plans-studies/rsp>
17. ISO-NEW ENGLAND, INC., *2017-2026 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, May 1, 2017, available at <https://www.iso-ne.com/system-planning/system-plans-studies/celt>
18. ISO-NEW ENGLAND, INC., *2018-2027 Forecast Report of Capacity, Energy, Loads & Transmission (CELT)*, May 9, 2018, available at <https://www.iso-ne.com/system-planning/system-plans-studies/celt>
19. ISO-NEW ENGLAND, INC., *2017 Regional Electricity Outlook*, February 2017, available at [https://www.iso-ne.com/static-assets/documents/2017/02/2017\\_reo.pdf](https://www.iso-ne.com/static-assets/documents/2017/02/2017_reo.pdf)
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21. ISO-NEW ENGLAND, INC., ISO-NE, Inc. *Transmission, Markets and Services Tariff*, March 1, 2017, available at <https://www.iso-ne.com/participate/rules-procedures/tariff>
22. ISO-NEW ENGLAND, INC., ISO-NE Planning Procedure No. 4, Procedure for Pool-Supported PTF Cost Review, May 6, 2016, available at [https://www.iso-ne.com/static-assets/documents/rules\\_proceeds/isone\\_plan/pp4\\_0/pp4\\_0.pdf](https://www.iso-ne.com/static-assets/documents/rules_proceeds/isone_plan/pp4_0/pp4_0.pdf)
23. ISO-NEW ENGLAND, INC., *State of the Grid: 2017*, Presentation by Gordon van Welie, January 30, 2017, available at [https://www.iso-ne.com/static-assets/documents/2017/01/20170130\\_stateofgrid2017\\_presentation\\_pr.pdf](https://www.iso-ne.com/static-assets/documents/2017/01/20170130_stateofgrid2017_presentation_pr.pdf)
24. ISO-NEW ENGLAND, INC., *State of the Grid: 2018*, Presentation by Gordon van Welie, February 27, 2018, available at [https://www.iso-ne.com/static-assets/documents/2018/02/02272018\\_pr\\_presentation\\_state-of-the-grid\\_2018.pdf](https://www.iso-ne.com/static-assets/documents/2018/02/02272018_pr_presentation_state-of-the-grid_2018.pdf)
25. New England Energy Landscape Update, Prepared for the New England Coalition for Affordable Energy, Daymark Energy Advisors, October 3, 2016, available at <https://media.gractions.com/5CC7D7975DFE1335100A9E9B056042840005CCF0/3d7036a2-dba3-4773-87a7-5697a425e1fa.pdf>

26. The Economic Impacts of Failing to Build Energy Infrastructure in New England, Prepared for the New England Coalition for Affordable Energy, La Capra Associates, Inc. and Economic Development Research Group, August 25, 2015, *available at* <http://media.gractions.com/5CC7D7975DFE1335100A9E9B056042840005CCF0/25e72b85-c007-4b98-a851-8b31563c9559.pdf>

**Connecticut Siting Council**

27. CONNECTICUT SITING COUNCIL, *Electric and Magnetic Field Best Management Practices for the Construction of Electric Transmission Lines in Connecticut*, December 14, 2007, revised February 20, 2014, *available at* <http://www.ct.gov/csc/emf-bmp>
28. CONNECTICUT SITING COUNCIL, *2014/2015 Forecast of Electric Loads and Resources*, December 10, 2015, *available at* [http://www.ct.gov/csc/lib/csc/pendingproceeds/forecast\\_2014\\_2015/f-2015\\_finalreport.pdf](http://www.ct.gov/csc/lib/csc/pendingproceeds/forecast_2014_2015/f-2015_finalreport.pdf)
29. CONNECTICUT SITING COUNCIL, *White Paper on the Security of Siting Energy Facilities*, October 8, 2009, *available at* [http://www.ct.gov/csc/lib/csc/docket\\_346/whiteppr\\_final.pdf](http://www.ct.gov/csc/lib/csc/docket_346/whiteppr_final.pdf)
30. CONNECTICUT SITING COUNCIL, *Investigation into the Life Cycle Costs of Electric Transmission Lines*, November 15, 2012, *available at* [http://www.ct.gov/csc/lib/csc/lifecycle2011/life\\_cycle\\_final\\_report.pdf](http://www.ct.gov/csc/lib/csc/lifecycle2011/life_cycle_final_report.pdf)
31. CONNECTICUT SITING COUNCIL, PETITION NO. 253 - United Illuminating petition for a proposed addition at Pequonnock Substation in Bridgeport. Record.
32. CONNECTICUT SITING COUNCIL, PETITION NO. 291 - United Illuminating petition for the installation of an optical fiber ground wire system between its Ash Creek Substation in Bridgeport and structure no. B714 on the railroad catenary system of the Northeast Railroad Corridor in Fairfield. Record.
33. CONNECTICUT SITING COUNCIL, PETITION NO. 356 - United Illuminating petition that no Certificate of Environmental Compatibility and Public Need is required for the relocation and change of ten transmission line towers on the existing Pequonnock to Ash Creek and Pequonnock to Darien 115-kV lines in the City of Bridgeport, Connecticut, to accommodate an I-95 highway reconstruction project. Record.
34. CONNECTICUT SITING COUNCIL, PETITION NO. 1024 - United Illuminating declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed modifications to the Pequonnock Substation located at 10 Henry Street, Bridgeport, Connecticut. Record.
35. CONNECTICUT SITING COUNCIL, DOCKET NO. 141 - The Connecticut Light and Power Company and the United Illuminating Company Certificate for a 115-kV electric transmission line and related telecommunications equipment between the Pequonnock Substation in Bridgeport and the Ely Avenue Junction in Norwalk. Record.
36. CONNECTICUT SITING COUNCIL, PETITION NO. 1218 - PSEG Power Connecticut LLC declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the construction, maintenance, and operation of a new 485 megawatt (MW) dual fuel combined-cycle electric generating facility at the existing Bridgeport Harbor Station located at 1 Atlantic Street, Bridgeport, Connecticut.

37. CONNECTICUT SITING COUNCIL, PETITION NO. 876 - The United Illuminating Company petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed Advanced Metering Infrastructure Project located at the proposed substations; Allings Crossing Substation, Frontage Road, West Haven; Ash Creek Substation, Poland Street, Bridgeport; Baird Substation, Stratford Avenue, Stratford, Barnum Substation Barnum Avenue, Stratford; Broadway Substation, Goffe Street, New Haven; Congress Substation, Congress Street, Bridgeport; Devon Tie Substation, Naugatuck Avenue, Milford; East Shore Substation, Waterfront Street, New Haven; Elmwest Substation, Elm Street, West Haven; June St. Substation, Hazell Terrace, Woodbridge; Mill River Substation, Grand Avenue, New Haven; Old Town Substation, Kachele Place, Bridgeport; Pequonnock Substation, Henry Street, Bridgeport; Sackett Substation, State Street, North Haven; and Water Street Substation, Water Street, New Haven. Record.
38. The United Illuminating Company, REPORT TO THE CONNECTICUT SITING COUNCIL ON LOADS AND TRANSMISSION RESOURCES, MARCH 1, 2018, AVAILABLE AT [http://www.ct.gov/csc/lib/csc/pendingproceeds/forecast\\_2018\\_2019/f2018/transmission-distribution/forecast\\_2018\\_ui\\_20180301.pdf](http://www.ct.gov/csc/lib/csc/pendingproceeds/forecast_2018_2019/f2018/transmission-distribution/forecast_2018_ui_20180301.pdf)

**Department of Energy and Environmental Protection**

39. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, *Connecticut Guidelines for Soil Erosion and Sediment Control*, DEP Bulletin 34, May 2002, last revised September 2007, available at [http://www.ct.gov/deep/cwp/view.asp?a=2720&q=325660&depNav\\_GID=1654](http://www.ct.gov/deep/cwp/view.asp?a=2720&q=325660&depNav_GID=1654)
40. State of Connecticut Department of Energy and Environmental Protection, *The Connecticut Stormwater Quality Manual*, 2004, and appendices, available at [http://www.ct.gov/deep/cwp/view.asp?a=2721&q=325704&depNav\\_GID=1654](http://www.ct.gov/deep/cwp/view.asp?a=2721&q=325704&depNav_GID=1654)
41. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Amphibians and Reptiles in Connecticut*, DEP Bulletin 32, Michael W. Klemens, 2000, available at [https://www.ctdeepstore.com/Wildlife\\_c24.htm](https://www.ctdeepstore.com/Wildlife_c24.htm)
42. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, BUREAU OF WATER PROTECTION AND LAND REUSE, PLANNING AND STANDARDS DIVISION, *Water Quality Standards*, Effective October 10, 2013, available at <http://www.ct.gov/deep/lib/deep/regulations/22a/22a-426-1through9.pdf>
43. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Connecticut Air Quality Standards*, Effective April 15, 2014, Regulations of Connecticut State Agencies §§ 22a-174-24, et seq.; available at <http://www.ct.gov/deep/lib/deep/air/regulations/mainregs/sec24.pdf>
44. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *Connecticut Noise Control Regulations*, Effective June 15, 1978, Regulations of Connecticut State Agencies §§22a-69-1, et seq., available at <http://www.ct.gov/deep/lib/deep/regulations/22a/22a-69-1through7.pdf>

45. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *2014 Integrated Resource Plan for Connecticut*, March 17, 2015, available at <http://www.dpuc.state.ct.us/DEEP/energy.nsf/c6c6d525f7cdd1168525797d0047c5bf/8e95d81c37c7237085257e0b004770b2?OpenDocument>
46. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *2013 Comprehensive Energy Strategy for Connecticut*, February 19, 2013, available at [http://www.ct.gov/deep/lib/deep/energy/cep/2013\\_ces\\_final.pdf](http://www.ct.gov/deep/lib/deep/energy/cep/2013_ces_final.pdf)
47. STATE OF CONNECTICUT, DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, *2018 Comprehensive Energy Strategy for Connecticut*, February 8, 2018, available at [http://www.ct.gov/deep/lib/deep/energy/ces/2018\\_comprehensive\\_energy\\_strategy.pdf](http://www.ct.gov/deep/lib/deep/energy/ces/2018_comprehensive_energy_strategy.pdf)
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#### **Department of Public Health**

49. STATE OF CONNECTICUT, DEPARTMENT OF PUBLIC HEALTH, *Electric and Magnetic Fields (EMF): Health Concerns Fact Sheet*, April 2008, available at [http://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/environmental\\_health/eoha/pdf/EMFFactSheet2008pdf.pdf?la=en](http://portal.ct.gov/-/media/Departments-and-Agencies/DPH/dph/environmental_health/eoha/pdf/EMFFactSheet2008pdf.pdf?la=en)

#### **Department of Transportation**

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52. STATE OF CONNECTICUT, DEPARTMENT OF TRANSPORTATION, BUREAU OF ENGINEERING AND HIGHWAY OPERATIONS, *Public Service Facility Policy and Procedures for Highways in Connecticut*, November 2008, available at <http://www.ct.gov/dot/lib/dot/documents/dutilities/UtilityPolicyProcedures.pdf>

#### **Other State Agencies**

53. PUBLIC UTILITIES REGULATORY AUTHORITY, *Cybersecurity and Connecticut's Public Utilities*, April 14, 2014, available at [http://www.ct.gov/pura/lib/pura/electric/cyber\\_report\\_041414.pdf](http://www.ct.gov/pura/lib/pura/electric/cyber_report_041414.pdf)
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55. STATE OF CONNECTICUT, DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT, STATE HISTORIC PRESERVATION OFFICE, *Investment in Connecticut: State Historic Preservation Plan 2011-2016*, July 2011, available at [http://www.ct.gov/cct/lib/cct/state\\_historic\\_preservation\\_plan\\_ic.pdf](http://www.ct.gov/cct/lib/cct/state_historic_preservation_plan_ic.pdf)



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57. PUBLIC UTILITIES REGULATORY AUTHORITY, *Docket No. 16-07-11, PURA Review of The United Illuminating Company's 2016 Storm Resiliency Plan*, October 26, 2016, available at <http://www.dpuc.state.ct.us/dockcurr.nsf/8e6fc37a54110e3e852576190052b64d/3456125affe33ddc85258059006408e2?OpenDocument>
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62. GOVERNOR'S STEERING COMMITTEE ON CLIMATE CHANGE, ADAPTATION SUBCOMMITTEE, *Connecticut Climate Change Preparedness Plan, Adaptation Strategies for Agriculture, Infrastructure, Natural Resources and Public Health Climate Change Vulnerabilities*, 2011, available at [http://www.ct.gov/deep/lib/deep/climatechange/connecticut\\_climate\\_preparedness\\_plan\\_2011.pdf](http://www.ct.gov/deep/lib/deep/climatechange/connecticut_climate_preparedness_plan_2011.pdf)
63. STATE OF CONNECTICUT, STATE VEGETATION MANAGEMENT TASK FORCE, *Final Report Issued to the Connecticut Department of Energy and Environmental Protection*, August 28, 2012, available at [http://www.ct.gov/deep/lib/deep/forestry/vmtf/final\\_report/svmtf\\_final\\_report.pdf](http://www.ct.gov/deep/lib/deep/forestry/vmtf/final_report/svmtf_final_report.pdf)

## **TECHNICAL**

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