

APPENDIX F
FORMAL REQUIREMENTS AND MOTION DIRECTORY

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A. PURPOSE OF THE MOTION

In this Motion, UI is requesting that the Council issue a Certificate for the upgrade (relocation and rebuild) and operation of the 115-kV transmission lines located in the City of Shelton in Fairfield County and the cities of Derby and Ansonia in New Haven County. The Project will involve rebuilding UI's existing 115-kV overhead lines on new steel monopoles. The Project is needed to maintain the reliability of the transmission grid by assuring that the UI 115-kV lines conform to current NESC and UI standards.

B. STATUTORY AUTHORITY

UI is submitting this Motion to the Council pursuant to Connecticut General Statutes (Conn. Gen. Stat.) Section 4-181a(b).

C. LEGAL NAME AND ADDRESS OF APPLICANT

UI is a subsidiary of AVANGRID, Inc.

UI's name and permanent place of business is:

The United Illuminating Company
180 Marsh Hill Road
Orange, CT 06477

D. APPLICANT'S CONTACTS

Correspondence and other communications with regard to the Project are to be addressed to, and notices, orders, and other papers may be served upon the following individuals:

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MOTION DIRECTORY

The following table cross-references the information in this Motion’s Exhibit to the Council’s *Application Guide for an Electric and Fuel Transmission Line Facility* (February 2016).

Council’s Application Guide (Section No. and Summary Description)	Project Motion (Exhibit Section Reference)
General Applicants shall consult Conn. Gen. Stat. §§ 16-50g et. seq. and Sections 16-50j-1 et. seq. of the Regulations of Connecticut State Agencies (RCSA) to assure complete compliance with the requirements of those sections.	Motion meets the intent of these requirements.
I. Pre-Application Process (Conn. Gen. Stat. § 16-50l(e)) Requirements for municipal consultation.	N/A for Motion
II. Form of Application (RCSA § 16-50l-2) Review of information to be included in the application.	Motion Formal Requirements (Appendix F) and entire Motion
III. Filing Requirements (RCSA § 16-50j-12) Review of requirements for submission of copies of application (original plus 15 copies), bulk filings (2 copies), Application format, format for exhibits and sworn testimony. All Application fees shall be paid to the Council at the time an application is filed with the Council. Municipal participation fee.	Motion conforms to all Council requirements
IV. Application Filing Fees Proof of Service (Conn. Gen. Stat. § 16-50l(a) and RCSA § 16-50v-1a) Filing fees shall be paid to the Council at the time the Application is filed.	Procedural requirement, completed at Motion submission to the Council
V. Municipal Participation Account (Conn. Gen. Stat. § 16-50bb) Each Motion shall be accompanied by a payment of \$25,000 to be deposited in the Municipal Participation Account.	Procedural requirement, completed at Motion submission to the Council
VI. Contents of Application (Conn. Gen. Stat. § 16-50l; RCA § 16-50j-59) An Application for a Certificate for the construction of an electric substation or switchyard shall include or be accompanied by the following:	
A. An executive summary	Executive Summary
B. A description of the technical specifications, service area, substation connections, and construction methods	Sections 2 and 3, Appendix A
C. A statement describing the need for the project.	Section 1
D. A justification for overhead portions, if any, including life cycle cost studies comparing overhead alternatives with underground alternatives.	Sections 1-3, Section 9
E. A schedule of dates showing the proposed program of ROW or property acquisition, construction, completion and operation.	Section 4
F. Information for property within the proposed project area, including access roads and proposed ROW. To the extent that UI does not own, lease, or otherwise have access to property within proposed project areas, UI shall exert due diligence to seek permission to gain access. In the absence of permission to access, make visual inspections to document existing conditions from public ROWs.	Sections 1-3, Appendix A
G. A proposed route map at a scale no smaller than 1” =2,000’ or a USGS topographic map and aerial photos of suitable scale showing the details of the ROW and proximity to the following: residential areas, public and private schools, licensed daycare centers, licensed youth camps, public playgrounds, hospitals, group homes, forests and parks, recreational areas, scenic areas, historic areas, locations regulated under the Inland Wetlands and Watercourses Act, Coastal Zone Management Act, and Tidal Wetlands Act, public water supplies, hunting or wildlife management areas, and existing transmission lines within 1 mile of the route.	Appendix A
H. A narrative description of the proposed transmission line and transmission line alternatives, including the following:	Sections 1-3, 5, 6, 7, and 9; Appendix A

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1. Existing Conditions a. The ecological communities of the wetlands, watercourses and upland systems, and their functional significance including, but not limited to: i. Floral associations; ii. Inventory of wildlife habitat with observed and expected wildlife users; iii. Species of Special Concern and rare or endangered species, including their habitats; iv. Inventory of breeding birds and their habitats; v. Riparian environments and buffer vegetation; and vi. Fishery habitat and cold water fisheries.	Sections 5 and 6; Appendix A	
b. Existing infrastructure:		Sections 1-3; Appendix A
i. Existing ROW boundaries;		Sections 1-3; Appendix A
ii. Components of existing transmission line; and		Sections 1-3; Appendix A
iii. Other improvements within existing and proposed ROWs.		Sections 1-3; Appendix A
2. Proposed Conditions		Sections 2, 3, and 6; Appendix A
a. Areas of disturbance (temporary and permanent)	Sections 3, 6; Appendix A	
b. Proposed construction staging areas, conductor pulling sites, material marshaling yards, and construction field offices	Section 3; Appendix A	
c. Proposed access roads and opportunities for alternative access	Section 3; Appendix A	
d. Proposed structure location envelopes	Appendix A	
e. Proposed blasting, grading, and changes to drainage	Sections 3 and 6; Appendix A	
I. Proposed route plans, at a scale no smaller than 1" = 100', showing the existing conditions and certain proposed transmission line changes, expanding on the narrative descriptions in Section H.	Appendix A	
1. Existing Conditions		
a. Identification of existing and proposed ROW boundaries;	Appendix A	
b. Location of any existing transmission line structures and accessways;	Appendix A	
c. Contour mapping at 2' intervals;	Appendix A	
d. Inland and tidal wetlands boundaries, vernal pools, and intermittent and perennial watercourses, as determined in the field, unless existing mapping is adequate, with a 50 foot buffer shown for wetlands and a 100 foot buffer shown for vernal pools and watercourses;	Appendix A	
e. Coastal Management Zone boundaries;	Appendix A	
f. 100-year flood plain boundaries as identified by the Federal Emergency Management Agency;	Appendix A	
g. Locations of protected and special concern species;	Section 5; Appendix A	
h. Areas susceptible to soil erosion;	Section 5	
i. Habitat for protected and special concern species, including those represented by the CT DEEP Natural Diversity Data Base (confidential data provided in an appropriate manner); and	Section 5; Appendix B; Appendix A	
j. Fishery habitat and cold water fisheries.	Fishery habitat described in Section 5 and Appendix B; streams illustrated on the Appendix A maps	
2. Changes to existing conditions for the proposed transmission line:	Sections 1-3; Appendix A maps and cross-sections	
a. Additional ROW width required;	Appendix A	
b. Anticipated transmission line structure location envelopes;	Appendix A	
c. Anticipated areas of disturbance (temporary and permanent);	Sections 3 and 6; Appendix A	

Council's Application Guide (Section No. and Summary Description)	Project Motion (Exhibit Section Reference)
d. Anticipated area of disturbance to an inland wetland buffer boundary or to an inland wetland;	Section 6; Appendix A
e. Anticipated area of disturbance for material staging and conductor pulling sites;	Section 3
f. Anticipated access roads and opportunities for alternative access;	Appendix A
g. Substation connections; and	Sections 1-3; Appendix A
h. Other sensitive areas requiring special attention.	Sections 5 and 6; Appendix A
J. Justification for the adoption of the route selected, including a comparison of alternative routes which are environmentally, technically, and economically practical. Justification for overhead portions of transmission lines, including comparative cost studies and a comparative analysis of effects described in Conn. Gen. Stat. § 16-50pl (a)(1)(A) and Section K (below) for undergrounding. Include enough information for a complete comparison between the proposed route and any alternative route contemplated	Sections 1-3, and 9
K. A description of the effect that the proposed facility would have on the environment, ecology, and scenic, historic, and recreational values, including effects on:	Sections 6 and 7; supporting reports in Appendices B-D
1. Public health and safety;	Section 7; Appendix E
2. Local, state, and federal land use plans;	Sections 5 and 6
3. Existing and future development;	Sections 5 and 6
4. Roads;	Sections 3, 5, and 6
5. Wetland crossings;	Sections 5 and 6; Appendices A and B
6. Wildlife and vegetation, including rare and endangered species, and species of special concern, with documentation by the CT DEEP Natural Diversity Data Base;	Sections 5 and 6; Appendix B
7. Water supply areas;	Section 5; Appendix A
8. Archaeological and historic resources, with documentation by the SHPO; and	Sections 5 and 6; Appendix C
9. Other environmental concerns identified by the applicant, the Council, or any public agency:	Sections 5 and 6, Appendix A
▪ Coastal Consistency Analysis	Sections 5 and 6, Appendix A
▪ Connecticut Heritage Areas	N/A
▪ Ridgeline Protection Zones	N/A
▪ Aquifer Protection Zones	Sections 5 and 6, Appendix A
▪ DOT Scenic Lands	N/A
▪ State Parks and Forests	Sections 5 and 6, Appendix A
▪ Agricultural Lands	Sections 5 and 6; Appendix A
▪ Wild and Scenic Rivers	N/A
▪ Protected Rivers	N/A
▪ Endangered, Threatened, and Special Concern Species	Sections 5 and 6; Appendices A and B
L. A statement explaining mitigation measures for the proposed facility, including:	Motion
1. Description of proposed site clearing for access, including type of vegetation scheduled for removal and quantity of trees greater than 6" diameter at breast height and involvement with wetlands.	Sections 3 and 6; Appendix A
2. Construction techniques designed specifically to minimize adverse effects on natural areas and sensitive areas;	Sections 3 and 6
3. Special routing or design features made specifically to avoid or minimize adverse effects on natural areas and sensitive areas;	Sections 3, 5, 6 and 9; Appendix A
4. Justification for maintaining retired or unused facilities on the ROW if removal is not planned;	Sections 2 and 3
5. Methods to prevent and discourage unauthorized use of the ROW;	

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6. Establishment of vegetation proposed near residential, recreational, and scenic areas and at road crossings, waterways, ridgelines, and areas where the line would be exposed to view;	Views of existing lines already present
7. Methods for preservation of vegetation for wildlife habitat and screening.	Sections 3 and 6; Appendix A
M. Safety and reliability information, including: 1. Provisions for emergency operations and shutdowns; and 2. Fire suppression technology	Section 3
N. Justification that the location of the proposed facility would not pose an undue safety or health hazard to persons or property along the area traversed by the proposed facility, including:	Section 7; Appendix E
1. Measurements of existing EMF at site boundaries and at boundaries of adjacent schools, daycare facilities, playgrounds, and hospitals (and any other facilities described in Conn. Gen. Stat. § 16-50l, with extrapolated calculations of exposure levels during expected normal and peak normal line loading;	
2. Calculations of expected EMF levels at the above-listed locations that would occur during normal and peak normal operation of the transmission line;	
3. A statement describing consistency with the Council's "Best Management Practices for Electric and Magnetic Fields", as amended; and	
4. A description of siting security measures for the proposed facility, consistent with the Council's "White Paper on the Security of Siting Energy Facilities", as amended.	Section 3
O. A schedule of proposed program for ROW or property acquisitions, construction, rehabilitation, testing and operation.	Section 4
P. Identification of each federal, state, regional, district and municipal agency with which proposed route or site reviews have been undertaken or will be undertaken, including a copy of each written agency position on such route or site, and a schedule for obtaining approvals not yet received.	Section 8; Appendices B and D
Q. Bulk filing of the most recent conservation, inland wetland, zoning, and plan of development documents of the municipality, including a description of the zoning classification of the site and surrounding areas, and a narrative summary of the consistency of the project with the Town's regulations and plans.	Appendix A (zoning classifications) Bulk filing submitted to Council separately
R. Such information any department or agency of the state exercising environmental controls may, by regulation, require.	Motion
S. Pursuant to Conn. Gen. Stat. § 16-50o , the applicant shall submit into the record the full text of the terms of any agreement, and a statement of any consideration therefore, if not contained in such agreement, entered into by the applicant and any party to the certification proceeding, or any third party, in connection with the construction or operation of the facility. This provision shall not require the public disclosure of proprietary information of trade secrets.	N/A
T. Such information the applicant may consider relevant.	Motion
VII. Proof of Service (Conn. Gen. Stat. § 16-50l) Each application shall be accompanied by proof of service of such Motion on: A. The chief elected official, the zoning commission, planning commission, the planning and zoning commissions, and the conservation and wetlands commissions of the site municipality and any adjoining municipality having a boundary not more than 2,500 feet from the facility;	Procedural requirement, completed at Motion submission to the Council

Council's Application Guide (Section No. and Summary Description)	Project Motion (Exhibit Section Reference)
<ul style="list-style-type: none"> B. The regional planning agency that encompasses the route municipalities; C. The State Attorney General; D. Each member of the Legislature in whose district the facility is proposed; E. Any federal agency with jurisdiction over the proposed facility; and F. The state departments of Energy and Environmental Protection, Public Health, Public Utilities Regulatory Authority, Economic and Community Development, Agriculture, Transportation; Council on Environmental Quality; and the Office of Policy and Management; and G. Other state and municipal bodies as the Council may designate by regulation, including but not limited to the State Historic Preservation Officer of the Commission on Culture and Tourism and the Department of Emergency Services and Public Protection. 	
<p>VIII. Notice to Community Organizations The applicant shall use reasonable efforts to provide notice of the Application on the following:</p> <ul style="list-style-type: none"> A. Affected community groups including Chambers of Commerce, land trusts, environmental groups, trail organizations, historic preservation groups, advocacy groups for the protection of Long Island Sound, and river protection organizations within the watershed affected by the proposed facility that have been identified by the municipality where the facility is proposed to be located or that have registered with the Council to be provided notice; and B. Any affected water company that would provide water to, or be within the watershed affected by, the proposed facility. 	<p>Section 8 provides summary information; UI's community outreach program</p>
<p>IX. Public Notice (Conn. Gen. Stat. § 16-50f) Provide appropriate notice of the Application, pursuant to the Council's regulations. Notice must be published at least twice prior to the filing of the application, in a newspaper having general circulation in the site municipalities and shall be in a format as specified by the Council's requirements.</p>	<p>Completed as part of Motion submission process</p>
<p>X. Notice in Utility Bills (Conn. Gen. Stat. § 16-50f) For electric transmission facilities, notice shall also be provided to each electric company customer in the municipality where the facility is proposed on a separate enclosure with each customer's monthly bill. Such notice shall include information as specified in the Council's requirements.</p>	<p>Completed as part of Motion submission process; refer to Formal Requirements</p>