

UIL Holdings Corporation
157 Church Street
PO Box 1564
New Haven CT 06506-0901
Phone 203.499.2000



October 9, 2012

Robert Stein
Chairman
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Statewide Telecommunications Coverage Plan Pursuant to CGS §16-50ee

Dear Chairman Stein:

I enclose an original and twenty (20) copies of The United Illuminating Company's responses to the Connecticut Siting Council's interrogatories regarding state-wide telecommunications coverage. If you have any questions about this filing, please do not hesitate to contact me at 203-499-2422.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Bruce L. McDermott', written over a horizontal line.

Bruce L. McDermott
Managing Counsel – Operations
On Behalf of The United Illuminating Company

Enclosures

Connecticut Siting Council
Statewide Telecommunications Coverage Plan
Sec. 16-50ee of the Connecticut General Statutes
Interrogatory CSC-1

The United Illuminating Company

Witnesses: Guy Cattaruzza
Robert Pellegrini
Steven Shingara

Docket No. Undocketed

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Q-CSC-1: For what purposes does UI use wireless telecommunications?

A-CSC-1: UI utilizes wireless telecommunications for: 1) cell phone communications via the public carriers for day-to-day operations and communications with the field/office workforce; 2) Mobile Workforce Management ("MWM") communications for the mobile laptops installed in the company vehicles; 3) two-way radio communications from the dispatch areas to the field workforce vehicles; 4) Advanced Metering Infrastructure ("AMI") communications; 5) automatic reclosure communications; 6) substation remote security cameras; 7) capacitor bank power factor correction; 8) substation emergency communication radio; and 9) various other equipment for distribution and transmission operations.

Connecticut Siting Council
Statewide Telecommunications Coverage Plan
Sec. 16-50ee of the Connecticut General Statutes
Interrogatory CSC-2

The United Illuminating Company

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Docket No. Undocketed

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Q-CSC-2: What frequencies does UI use for its wireless telecommunications purposes?

A-CSC-2: UI currently utilizes the public carriers for basic cell phone/email/data services, MWM communications and some site specific meter reading technologies. The AMI and reclosure projects utilize the unlicensed frequency band of 902MHz to 928Mhz. The two-way radios, security cameras, power factor correction equipment, emergency substation communications and various other transmission and distribution equipment utilize the following licensed frequencies (all frequencies are in megahertz MHz): 37.6, 47.82, 47.94, 48.36, 48.46, 48.92, 49.08, 49.22, 173, 451.075, 451.15, 451.2, 456.075, 456.15, 814.0625, 859.0625, and 952.6938.

Connecticut Siting Council
Statewide Telecommunications Coverage Plan
Sec. 16-50ee of the Connecticut General Statutes
Interrogatory CSC-3

The United Illuminating Company

Witnesses: Guy Cattaruzza
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Docket No. Undocketed

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Q-CSC-3: The federal government has adopted a goal of making more spectrum available for the commercial wireless carriers. Is there a danger that in making this spectrum available to the commercial carriers, the federal government could take away the frequencies that UI currently uses?

A-CSC-3: UI does not believe that additional spectrum for the public carriers would negatively impact UI as long as the additional spectrum is not taken from the unlicensed frequency bands or the current licensed frequency bands that UI operates in.

Connecticut Siting Council
Statewide Telecommunications Coverage Plan
Sec. 16-50ee of the Connecticut General Statutes
Interrogatory CSC-4

The United Illuminating Company

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Steven Shingara

Docket No. Undocketed

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Q-CSC-4: How will the requirements for advanced metering systems of Public Act 07-242, An Act Concerning Electricity and Energy Efficiency, affect UI's wireless telecommunications needs and operations?

A-CSC-4: UI began its deployment of advanced metering systems in 1999 with approval from the Public Utilities Regulatory Authority ("PURA"). In July 2007, UI submitted, in response to PA 07-242, its advanced metering infrastructure plan. PURA opened Docket No. 07-07-02: Application of The United Illuminating Company for Approval of Metering Plan and the plan was approved in its entirety in March 2008. Today, UI has an AMI system deployed throughout its service territory and has met or exceeded the requirements set forth in PA 07-242. Since UI's AMI system operates in the unlicensed frequency bands, there are no additional telecommunication requirements needed for its operation.

Connecticut Siting Council
Statewide Telecommunications Coverage Plan
Sec. 16-50ee of the Connecticut General Statutes
Interrogatory CSC-5

The United Illuminating Company

Witnesses: Guy Cattaruzza
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Steven Shingara

Docket No. Undocketed

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Q-CSC-5: Briefly describe UI's DSCADA system and summarize any plans for its expansion or improvement likely to occur in the next five years.

A-CSC-5: UI's T/D SCADA (Supervisory Control and Data Acquisition System) system is a robust remote control and monitoring system which monitors and controls all of UI's 115KV, 345KV and 13.8KV devices through a fiber Optic communications network privately owned by UI. The network is arranged in a "ring" topography to allow redundancy for failure of any one telecommunication link. The SCADA system has recently been upgraded (both hardware and software) in October of 2011. Additionally, UI has plans to upgrade the core system in 2013. UI is just beginning to evaluate its current and future communication technologies with respect to transmission and distribution operations. This evaluation will cover all aspects of the systems including obsolescence, reliability and redundancy for voice and data communications, distribution automation, transmission operations, SCADA and public communications during storm/emergency events.