



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Web Site: portal.ct.gov/csc

May 31, 2024

TO: Council Members

FROM: Melanie Bachman, Executive Director

MAB

RE: Tower Share Request Consent Calendar

For your review, staff has enclosed a summary of the pending items on the Tower Share Request Consent Calendar, which is currently scheduled for a vote at the energy/telecommunications meeting to be held on June 6, 2024. These requests may be accessed on the Council's website under "Pending Matters." If you have any questions or concerns regarding these requests, please feel free to contact the analyst associated with the request.

Thank you.

MAB

Contact Information:

All Filings - Adam Morrone (860) 827-2939 Adam.N.Morrone@ct.gov

TOWER SHARE REQUEST CONSENT CALENDAR – ITEM NO. 11-12

- 11. TS-VER-132-240509** - Cellco Partnership d/b/a Verizon Wireless request for an order to approve tower sharing at an existing telecommunications facility located at 575 Pleasant Valley Road, South Windsor, Connecticut.

This tower is a 174-foot monopole owned by the Town of South Windsor (Town). The underlying property is also owned by the Town. This facility was approved by the Town.

The tower does not currently support any wireless carriers.

Verizon intends to install nine 750/850/1900/2100 MHz antennas and nine RRUs on a platform antenna mount at the 130-foot level and two cables within the tower. The antennas would be capable of providing 5G services. Verizon also intends to install one equipment cabinet, one battery cabinet, one fiber enclosure, one work light with switch, one 30kW diesel backup generator and one H-frame on a concrete pad within the existing lease area. A GPS antenna, a telco/electric line and conduits, and ice bridge would also be installed.

A Professional Engineer duly licensed in the State of Connecticut has certified that the structure is adequate to support the proposed loading.

The calculated cumulative worst-case power density would be 3.93% of the applicable limit at ground level using a far field approximation.

If approved, staff recommends the following conditions:

- Approval of any changes be delegated to Council staff;
- RF access restriction and caution signage shall be installed at the site in compliance with FCC guidance; and
- Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable.

- 12. TS-T-MOBILE-052-240516** – T-Mobile request for an order to approve tower sharing at an existing telecommunications facility located at 190 Colt Highway, Farmington, Connecticut.

This tower is a 1,290-foot guyed lattice tower owned by Communications Site Management, LLC. The underlying property is also owned by Communications Site Management, LLC. This facility was approved by the Town of Farmington.

The tower currently supports AT&T at the 221-foot level and Verizon at the 120-foot and 106-foot levels.

T-Mobile intends to install nine 600/700/1900/2100/2500 MHz antennas and six RRUs on three sector antenna mounts at the 160-foot level and three cables within the tower. The antennas would be capable of providing 5G services. T-Mobile also intends to install one equipment cabinet, one battery cabinet, one fiber enclosure, and one H-frame pad within the existing equipment building. A telco/electric line and conduits would also be installed.

A Professional Engineer duly licensed in the State of Connecticut has certified that the structure is adequate to support the proposed loading.

The calculated cumulative worst-case power density would be 25.69% of the applicable limit at ground level using a far field approximation.

If approved, staff recommends the following conditions:

- Approval of any changes be delegated to Council staff;
- RF access restriction and caution signage shall be installed at the site in compliance with FCC guidance; and
- Deployment of any 5G services must comply with FCC and FAA guidance relative to air navigation, as applicable.