



**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

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April 19, 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 item on the Tower Share Request Consent Calendar, which is currently scheduled for a vote at the energy/telecommunications meeting to be held on April 25, 2024. This request may be accessed on the Council's website under "Pending Matters." If you have any questions or concerns regarding this request, please feel free to contact the analyst associated with the request.

Thank you.

MAB

Contact Information:

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TOWER SHARE REQUEST CONSENT CALENDAR – ITEM NO. 11

11. TS-T-MOBILE-064-240328 - T-Mobile request for an order to approve tower sharing at an existing telecommunications facility located at 235-H Brainard Road, Hartford, Connecticut.

This tower is a 100-foot monopole owned by Crown Castle. The underlying property is owned by the Metropolitan District. This facility was approved by the City of Hartford.

The tower currently supports AT&T at the top level and Verizon at the 86-foot level.

T-Mobile intends to install nine 600/700/1900/2100/2500 MHz antennas and six RRUs on platform antenna mounts at the 78-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 power protection cabinet, one battery cabinet, one telco cabinet, one electric meter and one H-frame on a concrete pad within the existing lease area. A GPS antenna, a telco/electric line and conduits, work lights 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 with certain recommendations.

The calculated cumulative worst-case power density would be 33.17% 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;
- Structural modifications shall be performed in accordance with the Structural Analysis prepared by Crown Castle, dated January 10, 2024 and stamped and signed by Drew Stephens;
- Within 45 days following completion of equipment installation, T-Mobile shall provide documentation that its installation complied with the recommendations of the Structural Analysis;
- 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.