

## **WE ENERGIES POLE ATTACHMENT REQUIREMENTS**

1. Before any pole attachments can be approved a fully executed Pole Attachment Agreement and Operating Procedures must be in place between We Energies and the party desiring to make pole attachments.
2. An “Application – Permit for Pole Attachments” (permit) must be submitted to the We Energies Joint Use Administration Group as a request to attach to poles before any attachments can be made. A maximum of 100 poles may be included on a permit. Each permit shall include the following information:
  - a. Route drawing with We Energies pole numbers shown.
  - b. Street names and closed intersecting street.
  - c. North arrow.
  - d. Height of proposed attachment indicated on drawing.
  - e. Pole profile sheet for each pole with attachment heights shown for the lowest electric supply facility and all facilities below that point.
  - f. NESC clearance violations must be identified and recommended corrective action suggested.
  - g. Identify poles requiring “make ready” work and the specific proposed corrective action required.
  - h. Evidence that wind, sag, ice loading, and pole loading calculations were performed for all poles.
  - i. Proposed riser location/quadrant must be shown on drawing. Climbing space cannot be violated. Maximum of 3 u-guards on adjacent quadrants only. Communication risers are not allowed on electric conduit risers. Communication risers are not allowed on poles with Line Tension Disconnect Switches or Gang Operated Switches with a switch Handle.
  - j. Insulator height for Gang Operated Switch Handles should be noted on profile.
  - k. Proposed anchors and guys must be shown.
  - l. Slack spans are limited to short spans, Generally 30’ or less all other spans require proper guying
  - m. Proof of Acquired rights will be required for any work on or spans crossing private property. Proof must be provided in writing.
  - n. Min Ground clearance of 15’6” required or as dictated by code.
3. If no “make ready” is required, attachments can be made after the approved permit has been returned by We Energies to the party requesting the attachment. A copy of the approved permit must be with the crew at the time of installation.
4. Estimated costs for any required “make ready” work will be provided by the local We Energies office. Attachments cannot be made until the cost estimate is approved, payment is made to We Energies, and the requesting party is notified by We Energies that the “make ready” work has been completed in the field.

5. A photo showing the entire pole must be included. Two photos are preferred to be sure any risers or other equipment are not hidden on the back side of the pole.
6. An ownership tag showing the attaching party's name and emergency contact telephone number shall be attached to the facility at each pole.
7. All pole attachments must meet any and all applicable codes.
8. All anchor and guys must be installed prior to messenger installation. Guy insulators are required on all guys. Guys can not be used as grounds.
9. Pole attachments may be sample inspected following installation for billing accuracy and code compliance, at the option of We Energies, and at the expense of the attaching party.
10. All telecommunications equipment proposed to be attached to We Energies poles must be reviewed and approved by We Energies prior to attachment. Telecommunications equipment can be mounted either directly to the pole or on an arm. When mounted on an arm the equipment shall be mounted a minimum of 6 inches horizontally from the pole. Any other equipment required such as a service disconnect or meter socket shall be mounted a minimum of 2 feet vertically surface to surface from any other telecommunications equipment.
11. Additional requirements for Wi-Fi units and other telecommunications equipment:
  - a. Unit antennas must be facing downward to eliminate the possibility of injury to We Energies personnel working above the unit. The other option is the use of flexible antennas.
  - b. The unit cannot be placed on an equipment pole.
  - c. The unit cannot be placed on a system corner pole.
  - d. The unit cannot be placed on an ornamental light pole.
  - e. The unit cannot be placed in the climbing space on the pole.
  - f. The unit cannot be attached to a lighting bracket or arm.
  - g. The unit cannot prevent other communication companies from accessing their facilities.
  - h. Service will be metered unless the unit's power consumption is less than 25 watts, in which case an un-metered option is available.
  - i. The service entrance conductors must be #10 solid conductors.
  - j. A service entrance weatherproof fused disconnect is required.
  - k. A grounding grid separate from any We Energies ground that may be on the pole is required.
  - l. Service must meet all applicable codes and We Energies Service and Metering Manual requirements.
  - m. The weather head must be mounted between 4" and 6" below We Energies secondary.

- n. The riser pipe must be schedule 80 non-metallic conduit. If metal conduit is used it must be covered with a non-metallic covering 40" above and 72" below any communications attachment.
- o. The weather head and Wi-Fi unit must be mounted on the same quadrant of the pole.
- p. The unit may have to be relocated, at the owner's expense, should the pole be needed for We Energies business purposes.