



Baird Substation Rebuild Project: Fact Sheet

Why is UI proposing a new substation?

- UI has completed a comprehensive Condition Assessment and Needs Assessment of the existing 50-year old substation equipment and has determined that there are compliance and aging infrastructure needs that need to be addressed.
- Based on the needs identified, UI prepared a Solution Study that compared an In-Kind Replacement and a Full Rebuild. Due to the risk and complexity of working in and around an energized substation, the Full Rebuild option was the more reliable/least cost alternative.

Where is UI proposing its new substation be built?

- UI examined 12 potential sites for the new substation and determined that the property adjacent to 1770 Stratford Avenue is the preferred location based on reliability, cost and long term expansion of the electric grid.

What type of substation is UI proposing for Stratford?

- UI is proposing an open air 50MVA substation be built on the UI owned 2 acre parcel adjacent to 1770 Stratford Avenue. Estimated cost is \$30M to \$35M.
- The substation will be constructed in the vacant parking lot to the west of the Two Roads Brewery and along the south side of the existing railroad/transmission line right-of-way.
- The substation's footprint would be approximately 210' by 270'.
- The tallest structure within the substation fence line would be 70 feet.
- The tallest structure along the railroad would be 95 feet.
- The substation would be surrounded by a 14 foot chain link fence topped with 1 foot of barbed wire and equipped with opaque slats.

The substation will be located adjacent to a main road, will there be impacts?

- UI will submit electric and magnetic field calculations as part of the application.
- The noise emitted from the substation will comply with all Town of Stratford noise ordinances as they relate to nearby homes and businesses. UI is filing a noise assessment study with the Siting Council that will provide further details.
- The Substation will look similar to the existing substation that exists at 1770 Stratford Avenue. The existing substation is planned to be taken out of service but maintained as a Substation Training Facility.



Are there any other proposals for the design of the substation?

- The current design of the substation meets siting criteria with considerations for cost, environmental impact and current need. The design provides the ability for future expansion.

What is the process once the application is filed?

- The Siting Council will consider UI's application following the procedures set forth in the Council's statutes and regulations. This process will include a field visit to the proposed site which will be followed by a public hearing in Stratford.
- The Council may hold one or more days of evidentiary hearings on UI's application at its offices in New Britain.

Does UI have a time line for when it wants the substation in service?

- Yes. For reliability and compliance purposes we would like the substation to be in operation by December of 2017.