Project Narrative
Shakopee Public Utilities (SPU)
East Shakopee Substation (Project)

The proposed Project is to be located in the southwest corner of Hansen Avenue and Maras Street on a 2.5-acre site. The Project will include:

- Xcel-Energy steel I-beam box structures to provide a high-voltage connection to the existing Xcel Energy transmission line that runs in an east-west direction along the north side of Hansen Avenue.
- 115-kV circuit breakers to protect the power transformers
- 115-kV bus work to connect the 115-kV circuit breakers to the power transformers
- Power transformers to convert the high-voltage transmission source to medium voltage for local distribution circuits.
- Switchgear buildings to provide circuit breakers to protect the distribution circuits.
- Underground duct banks for the distribution circuits
- An infiltration basin to hold stormwater from the site.
- An access road off Hansen Avenue

The over-height structures will include:

- 90-foot-tall Xcel Energy steel I-beam box structures for the high-voltage connections
- 80-foot-tall, galvanized steel static shield poles for lightning protection of the SPU equipment
- 80-foot-tall antenna pole for communicating with the supervisory control and data acquisition (SCADA) equipment in the SPU service center
- 8-foot-tall chain-link perimeter fence around substation equipment