

## **NATURAL GAS SYSTEM**

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**City Campus:** Black Hills Energy (BHE) owns, operates and maintains the underground natural gas distribution system that serves city campus.

**East Campus:** UNL owns, operates and maintains the underground natural gas distribution system that serves a portion of East Campus. The balance of east campus is served by BHE.

**Outstate Facilities:** Gas service for outstate facilities should be addressed on a case by case basis with the local natural gas utility and FMP engineering.

**Natural Gas Heat Content:** The heating content of the natural gas distributed by UNL varies monthly and may be obtained directly from the Black Hills Energy.

**Compliance:** The design and construction of all natural gas distribution systems on campus shall be in complete compliance with all applicable Federal and State regulations.

**Distribution Piping:** All distribution piping shall be sized and configured appropriately to serve the ultimate future need for natural gas in the geographical area being served. Valves shall be installed beneath grass areas and/or parkways where possible. Location beneath streets, sidewalks or other paved areas should be avoided. Branch valves should be located as near the mains as practical.

**Building Services:** Each building should be provided with natural gas service only when needed. The location of the service to the building and the meter location should be coordinated with FMP engineering.

**Natural Gas Meters:** These are required at all natural buildings. See *Utility Metering* within these Design Guidelines for details.