



Long Range Utility Services Plan

The Texas Tech University Health Sciences Center meets the Long Range Utility Services Plan, as required by the Texas Administrative Code Title 34, Chapter §19.16. Texas Tech University Health Sciences Center consists of the Main Campus in Lubbock, and Regional Campuses at Amarillo, Odessa, Midland, Abilene, and Dallas. Utility Companies serving these campuses are as follows:

Lubbock:	Electricity	City of Lubbock Utilities (prev. LP&L)
	Gas	Atmos Energy
	Water & Sewer	City of Lubbock Utilities (prev. LP&L)
	District Chilled water	Texas Tech University
	District Steam	Texas Tech University
	RO,CA & E/Power	Texas Tech University
Amarillo:	Electricity	XCEL Energy
	Gas	Atmos Energy
	Water & Sewer	City of Amarillo
Odessa:	Electricity	Reliant Energy
	Gas	Atmos Energy
	Water & Sewer	City of Odessa
Midland:	Electricity	Reliant Energy
	Gas	Atmos Energy
	Water & Sewer	City of Midland
Abilene:	Electricity	Reliant Energy
	Gas	Atmos Energy
	Water & Sewer	City of Abilene
Dallas:	Electricity	Reliant Energy
	Water & Sewer	City of Dallas

All Electric and Gas Utility companies are publicly traded companies with the exception of City of Lubbock Utilities (previously Lubbock Power & Light) and XCEL Energy.

We don't anticipate any utility disruption in any of our buildings except emergency situations such as equipment failures, natural disasters effecting main supply lines etc.





Utility Service Plan

TTUHSC's institutional goals and strategies for long term procurement of utilities are provided for in the table attached. Included are the current contract arrangements for TTUHSC utility procurement for:

- Electricity
- Natural Gas
- Water and Sewer
- Plans for distributed generation, renewable energy and demand response

TTUHSC intends to maintain an ongoing program whereby it will invite proposals from other providers as well as initiate bids for providing electricity in Permian Basin, Dallas, and Abilene areas.

There are no plans at this time for procurement of water and sanitary sewer from suppliers other than the present suppliers. Plans for self-generation and self-distribution of electric power by conventional means (diesel/gas engine driven generators), as well as wind, solar, and fuel cells, are not cost effective. Though our electric providers are implementing renewable energy systems at an aggressive pace.

Current Contract Arrangements:

TTUHSC has a contract with LP&L to supply electricity to Lubbock facilities at a fixed price (\$0.01215/kWh) in addition to the whole sale price rate that LPL purchases power from Xcel Energy until June, 2021. From June 2021, City of Lubbock will be served by ERCOT grid. We have plan to take bids to select electric provider.

TTUHSC has long term contract with Reliant Energy to provide electricity to the Permian Basin and Abilene areas at fixed rates beginning 5/1/2018 and ending 4/30/2026. Negotiations are going on to extend the contract to the Dallas facility until 4/30/2026.

Contracts with the other utility providers are non-existent. Services are provided on an informal basis through contacts with the various local utility suppliers.

On-site generators have been installed to provide power for emergency purposes only. They are not intended to be used for self-generation or load shedding purposes. They are not rated for continuous operation.

On-site generators are located in most of the TTUHSC facilities.



TTUHSC LONG RANGE UTILITY SERVICES PLAN TABLE

ELECTRICITY:	AMARILLO	LUBBOCK	ABILENE	ODESSA	MIDLAND	DALLAS
Current sources (Vendor)	Xcel Energy	City of Lubbock Utilities (prev. LP&L)	Reliant Energy (Provider) & AEP (Transmission/Distribution)	Reliant Energy (Provider) & ONCOR (Transmission/Distribution)	Reliant Energy (Provider) & ONCOR (Transmission/Distribution)	Reliant Energy (Provider) & ONCOR (Transmission/Distribution)
Type of contract	N/A	N/A	Fixed - Unbundled	Fixed - Unbundled	Fixed - Unbundled	Fixed - Unbundled
Rates (per contract or tariff)	SG-Secondary General Service	State University General Service	\$0.035290 per kWh + T&D charge	\$0.035290 per kWh + T&D charge	\$0.035290 per kWh + T&D charge	\$0.041160 per kWh + T&D charge
Time frame	Ongoing/Month-to-Month	Ongoing/Month-to-Month	5/1/2018 to 4/30/2022	5/1/2018 to 4/30/2022	5/1/2018 to 4/30/2022	10/1/2019 to 4/30/2022
Contract duration	Ongoing/Indefinite	Ongoing/Indefinite	4 year contract	4 year contract	4 year contract	31 months
NATURAL GAS:	AMARILLO	LUBBOCK	ABILENE	ODESSA	MIDLAND	DALLAS
Current sources (Vendor)	Atmos Energy	Atmos Energy	Atmos Energy	Atmos Energy	Atmos Energy	N/A
Type of contract	N/A	N/A	N/A	N/A	N/A	N/A
Rates (per contract or tariff)	Commercial-West Texas Division-ICL	Varies: Commercial and Public Authority-Lubbock Division-ICL	Commercial-Mid-Texas Division-ICL	Public Authority-West Texas Division-ICL	Varies: Commercial and Public Authority-West Texas Division-ICL	N/A
Time frame	Ongoing/Month-to-Month	Ongoing/Month-to-Month	Ongoing/Month-to-Month	Ongoing/Month-to-Month	Ongoing/Month-to-Month	N/A
Contract duration	Ongoing/Indefinite	Ongoing/Indefinite	Ongoing/Indefinite	Ongoing/Indefinite	Ongoing/Indefinite	N/A
WATER AND SEWER:	AMARILLO	LUBBOCK	ABILENE	ODESSA	MIDLAND	DALLAS
Current sources (Vendor)	City of Amarillo	City of Lubbock Utilities (prev. LP&L)	City of Abilene	City of Odessa	City of Midland	City of Dallas
Type of contract	N/A	N/A	N/A	N/A	N/A	N/A
Rates (per contract or tariff)	Commercial	State University General Service	Commercial	Commercial	Commercial	Commercial
Time frame	Ongoing/Month-to-Month	Ongoing/Month-to-Month	Ongoing/Month-to-Month	Ongoing/Month-to-Month	Ongoing/Month-to-Month	Ongoing/Month-to-Month
Contract duration	Ongoing/Indefinite	Ongoing/Indefinite	Ongoing/Indefinite	Ongoing/Indefinite	Ongoing/Indefinite	Ongoing/Indefinite
CHACP2 (CHILLED WATER & STEAM):	AMARILLO	LUBBOCK	ABILENE	ODESSA	MIDLAND	DALLAS
Current sources (Vendor)	N/A	Texas Tech University	N/A	N/A	Midland Memorial Hospital	N/A
Type of contract	N/A	Internal/Ongoing	N/A	N/A	N/A	N/A
Rates (per contract or tariff)	N/A	Varies	N/A	N/A	Commercial	N/A
Time frame	N/A	Ongoing/Month-to-Month	N/A	N/A	Ongoing/Month-to-Month	N/A
Contract duration	N/A	Ongoing/Indefinite	N/A	N/A	Ongoing/Indefinite	N/A