



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	Currently Lease Contract (Gexa Energy)

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

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 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 presently under discussion and evaluation. No firm commitment has been made at this time.

Current Contract Arrangements:

TTUHSC has a contract with LP&L to supply electricity to Lubbock facilities at a fixed price (\$1.4/kWh) in addition to the whole sale price rate that LPL purchases power from Xcel Energy until 2019.

TTUHSC also has a 4-year contract with Reliant Energy to provide electricity to the Permian Basin and Abilene areas at a fixed rate beginning 5/1/2018 and ending 4/30/2022.

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.





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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)	Currently Lease Contract
Type of contract	N/A	N/A	Fixed - Unbundled	Fixed - Unbundled	Fixed - Unbundled	N/A
Rates (per contract or tariff)	SG-Secondary General Service	State University General Service	\$0.035290 per kWh	\$0.035290 per kWh	\$0.035290 per kWh	\$0.044760 per kWh
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	Ongoing/Month-to-Month
Contract duration	Ongoing/Indefinite	Ongoing/Indefinite	4 year contract	4 year contract	4 year contract	April 2019
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 Lubbock	City of Odessa	City of Midland	N/A
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	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
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