



1659 Spencer Road, Denton, TX 76205

MEMORANDUM

DATE: April 13, 2017

TO: Jon Fortune, Assistant City Manager, Utilities

FROM: Phil Williams, General Manager

SUBJECT: Comparison of employment metrics for DME

There are 72 municipally owned electric utilities (MOUs) in Texas. In FY 14-15 according to the American Public Power Association (APPA), Texas has nine of the largest 100 MOUs in the county.

Municipality	Number of Employees	Connected Meters	Annual System Energy Sales (MWH)	Annual Electric Revenue	Miles of Transmission Line	Miles of UG Distribution Line	Miles of OH Distribution Line
San Antonio-CPS Energy	3,022	728,340	22,035,000	\$1,900,000,000	1,515	5,104	7,783
Austin Energy	1,673	448,000	12,270,000	\$1,400,000,000	623	6,068	5,361
Lubbock Power & Light	303	103,475	2,582,902	\$221,215,135	105	-	5,743
Garland Power & Light	251	69,262	1,996,650	\$338,649,382	200	591	388
Bryan Texas Utilities	189	54,243	2,041,057	\$184,541,032	168	379	1,837
Denton Municipal Electric	172	50,059	1,461,406	\$147,487,759	30	443	345
Brownsville PUB	155	48,812	1,300,559	\$146,170,585	51	362	397
College Station Utilities	74.5	38,908	824,919	\$99,889,496	18	267	204
New Braunfels Utilities	51	35,455	1,486,036	\$102,205,000	20	253	632

The number of employees can be influenced by many operational differences and issues within the utilities.

- If the utility has an Energy Management Organization (EMO) or a purchase power agreement to buy electricity
- If the utility owns power plants
- Number and types of customers
- Miles of transmission and/or distribution line
- Service area and population



- Level and types of subcontracting
- Regulatory and compliance requirements vary by size and type of electric provider
- Utilities provide various support services to the City or outside entities

Comparing one utility to another is not as straight forward as it might seem. Unfortunately there is not a comprehensive comparison available that identifies each unique difference in utilities. Most MOUs have developed over time to meet the needs of the City they serve.

DME has several unique operational differences. We are working towards being 70% renewable and building a new power plant. We are in the process of completing an aggressive transmission and substation capital improvement plan. DME is working with TMPA member cities to determine viable options for how we are proceeding with TMPA in the future. The DME Communication department provides radio and fiber support to DME, the City and other outside entities. In addition, the City and DME's service territory has a large amount of undeveloped land which provides the potential for growth in the electric system and customer base, which DME is planning for in our capital improvement program. In addition, growth in the DFW metroplex has resulted in an increased transmission demand on our system as more electricity is moved through our lines into the metroplex.

The comparison below shows DME compared to the top 8 MOUs in Texas.

Municipality	Number of Employees	MWH/ Revenue	Customer Accounts per FTE	MWH's per FTE	Revenue per FTE
San Antonio-CPS Energy	3,022	0.0116	241	7,292	\$628,723
Austin Energy	1,673	0.0088	268	7,334	\$836,820
Lubbock Power & Light	303	0.0117	342	8,524	\$730,083
Garland Power & Light	251	0.0059	276	7,955	\$1,349,201
Bryan Texas Utilities	189	0.0111	287	10,799	\$976,408
Denton Municipal Electric	172	0.0099	291	8,497	\$857,487
Brownsville PUB	155	0.0089	315	8,391	\$943,036
College Station Utilities	75	0.0083	522	11,073	\$1,340,799
New Braunfels Utilities	51	0.0145	695	29,138	\$2,004,020
Average	655	0.0101	360	11,000	\$1,074,064

Staff will be glad to provide additional information to the Public Utility Board upon request.

