

CITY OF DENTON
DENTON MUNICIPAL ELECTRIC
ESTIMATED USAGE OF 2017/18 BOND PROCEEDS

Line Item	(000)
Transmission Lines & Substation Related Projects	
New Jim Christal Substation	\$2,042,331
TMPA Spencer Interchange	450,191
Brinker Substation	3,733,293
Hickory Substation	4,035,250
Long Road Substation	3,541,138
Mayhill Substation	3,464,276
Eagle Substation	1,861,156
Underwood Substation	329,408
Bonnie Brae Substation	153,724
Denton North Interchange	543,524
Masch Branch Substation	296,467
NEW Substation NW of Denton North Interchange on Brazos TM Line	329,408
Upgrade Circuit Breakers CT's at Teasley	21,961
Denton West Interchange TMPA	214,115
Denton West Interchange	439,211
Fort Worth Substation	433,721
RD Wells Interchange	10,980
Hartlee Fields Substation	131,763
Replace EPS Metering Ct's at Multiple Stations & Install Auxiliary CT's	150,979
Various Subs RTU Installs	23,059
SCADA Computer Replacement	219,605
Other Substation Projects Ethernet Security/Substation Security	159,214
New Jim Christal Substation TL	675,287
Pockrus - Mayhill TL	499,602
Woodrow - Locust Transmission Line	1,207,830
Hickory - Locust TL	3,546,628
Hickory Substation Transmission Line Upgrades	3,019,575
Spencer Interchange - Spencer Switch TL	159,214
New 138 kV TL to connect Brinker to Loop 288	477,642
New 138 kV TL from Woodrow to Brinker	417,250
New 138 kV TL to connect Brinker to Spencer	400,780
Denton North - ARCO TL Rebuild	3,145,848
Arco-Cooper Creek TL Reconstruction	1,224,300
Convert RD Wells - Hickory TM Line to 138 kW Operation	38,431
Substation Siting & Transmission Line Routing Study	356,859
Substation & Transmission Line ERCOT/NERC Requirements	329,408
Total Substation and Transmission Line Related Projects	\$38,083,431
Distribution Line and Other Related Projects	
Automated Meter Reading	\$1,023,040
Building Construction	164,704
Communication Equipment	231,135
Distribution Transformers	1,752,122
Feeder & Extensions	8,588,476
New Residential & Commercial	3,496,422
Over-Under Conversion/Power Factor Improvements	192,155
Street Lighting	224,536
Other Distribution Projects	243,979
Total Distribution Line and Other Related Projects	\$15,916,569
Total Estimated 2017-18 Bond Proceeds Usage	\$54,000,000