



**ADOPTED OPERATING BUDGET &
CAPITAL PROGRAM**

Fiscal Year 2022-23



...securing the future





Lubbock Power & Light
The power is yours.

FY 2022-23
Adopted Operating Budget & Capital Program



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Elected, Appointed and Principal Officials/Key Finance Staff

City Council

Tray Payne	Mayor
Shelia Patterson Harris	Mayor Pro Tem – District 3
Christy Martinez-Garcia	Council Member – District 1
Shelia Patterson Harris	Council Member – District 2
Steve Massengale	Council Member – District 4
Dr. Jennifer Wilson	Council Member – District 5
Latrelle Joy	Council Member – District 6

Electric Utility Board

Daniel L. Odom	Chair
Kevin McMahon	Vice Chair
Gwen Stafford	Secretary
Lewis Harvill	Board Member
Edwin E. “Butch” Davis	Board Member
Solomon Fields	Board Member
Jane U. Henry	Board Member
Eddie Schulz	Board Member
Dan Wilson	Board Member
Mayor Tray Payne	Ex-Officio Member

Principal Officials and Financial Management

Joel Ivy	Director of Electric Utilities
Jenny Smith	General Counsel – LP&L
Harvey Hall	Chief Financial Officer
Blair McGinnis	Chief Operating Officer
Joe Jimenez	Financial Planning and Analysis Manager
Kacey Ortiz	Financial Services Director
Matthew Rose	Government Relations and Public Affairs

FY 2022-23 Adopted Operating Budget & Capital Program

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Lubbock Power & Light Overview

Mission and Purpose

Provide citizens with safe, reliable, and high quality electric service at the most affordable rates while being financially self-sustaining. Lubbock Power & Light (LP&L) provides the following services:

- Operation and maintenance of the generation, transmission, and distribution facilities of the LP&L system.
- Delivery of energy through transmission and distribution lines and substations to our customers.
- Metering, billing, collections, and customer service for LP&L, Water/Wastewater, Solid Waste, and Storm Water customer accounts (City of Lubbock Utilities).

Goals and Objectives

- Four nines uptime – Setting a measurable standard of excellence for reliability; power is up 99.99 percent of the time
- Consistently low rates and efficiency – Operating an effective utility with low rates and supporting customers by helping them save
- Friends and neighbors resolution – Customer service interactions are simple, efficient and solved in one phone call; no transfer or customer follow-up calls needed
- Public stakeholder engagement – Leadership presence in the community engaging with influencers and visionaries interested in Lubbock's future
- Long-term financial sustainability and strong credit ratings
- First-class service to our customers while operating with the highest code of ethics
- Safe environment for all employees and customers

Accomplishments for Fiscal Year (FY) 2021-22

- On February 22, 2022, with the recommendation from the EUB, the City Council voted on an irrevocable decision opting into competition for retail electric service in Lubbock Power & Light's certificated area.
- On January 31, 2022, the PUCT approved an interim filing to increase the TCOS revenue stream from \$15.9 million to \$40.9 million.
- Completed and/or closed 30 capital projects, totaling \$291.98 million, which consisted of the following:
 - Wadsworth Relay Upgrade - \$0.89 million
 - FY 2020-21 Transmission Crew Vehicles & Equipment - \$2.08 million
 - FY 2020-21 Vehicles and Equipment - \$2.65 million
 - Yellow House Canyon Substation - \$13.51 million
 - 69/115kV Line Rebuild: Thompson-Vicksburg - \$3.72 million
 - 115kV Line Construction – Northwest to Mackenzie - \$17.49 million

- 69/115kV Line Rebuild: Chalker-Thompson - \$5.72 million
- Southeast Substation Expansion - \$2.86 million
- 69/115kV Line Rebuild: Erskine-Mackenzie - \$4.15 million
- Autotransformer - Co-op - \$5.02 million
- Autotransformer - Mackenzie - \$5.94 million
- Substation Rebuild - Holly - \$6.87 million
- Substation Rebuild - Oliver - \$6.74 million
- Posey Substation - \$19.9 million
- Yellow House Canyon 345/115kV Transformers - \$9.77 million
- Dunbar 345/115kV Transformers - \$10.77 million
- 69/115kV Line Rebuild: Holly-Southeast - \$9.08 million
- 69/115kV Line Rebuild: Holly-Slaton - \$6.22 million
- 69/115kV Line Rebuild: Southeast-Oliver - \$4.85 million
- Posey to Southeast 115kV Line - \$6.63 million
- Blackwater Draw to Folsom Point 345kV Line - \$39.54 million
- Blackwater Draw to Double Mountain 345kV Line - \$53.79 million
- Double Mountain to Fiddlewood 345kV Line - \$24.93 million
- Substation Rebuild - Northeast - \$1.79 million
- Posey to Oliver 115kV line - \$14.15 million
- Dunbar Station Work - \$0.92 million
- Yellow House Canyon Station Work - \$0.98 million
- Oliver Station Work (to accommodate 115kV lines) - \$0.69 million
- Southeast Station Work (to accommodate 115kV lines) - \$0.68 million
- Dunbar Substation Work - \$9.65 million
- Upgraded the Outage Management System (OMS) mapping process to allow an interface to the GIS System to provide more timely and efficient updates to the switching and public outage maps.
- Revised and maintained compliance strategy and programs for NERC-693 and NERC-CIP mandates.
- Implemented an upgrade to enhance features of the SCADA map.
- Hired an Engineering Manager, four Engineering Associates, and three part time EE Interns reaching full staff in the Supervision and Engineering departments.
- Developed 10-year load forecast and load forecast specific to move of remaining load.
- Successfully streamlined procurement practices to meet project supply needs during a supply chain crisis.
- Created LP&L Standards Committee.
- Developed a working Synergi model to aid in distribution planning.

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- Completed design and started construction of Co-Op Substation Capacity Upgrade.
- Completed design and procured material for Thompson Substation Capacity Upgrade.
- Completed design and construction of Chalker Feeders Project.
- Completed Design and Construction of Southeast Feeders Project.
- Completed Design of Yellow House Phase I Feeders Project.
- Completed Design of Thompson Feeders Project.
- Facilitated internal vendor safety training for employees in First Aid/CPR/AED, hazardous chemicals operations and loss control management.
- Directed vendor activities of high financial risk in the areas of waste management, restoration, groundwater remediation, waste disposal, spill response planning, training qualification verification and pipeline safety operations.
- Facilitated personnel risk assessments for employees and vendors accessing ERCOT MIS electronic systems.
- Facilitated program maintenance and audited electric reliability related to physical and electronic operations.
- Completed 120 new jobs and 296 work orders in the Distribution Underground Department.
- Completed 352 maintenance orders and 47 work orders in the Distribution Overhead Department.
- Completed or started construction of 16 of 30 circuit reconductor and rebuild required for the completion of the remaining 30% integration into ERCOT.
- Responded to 5,772 non-outage orders and 423 outages in the Distribution Customer Service department.
- Added over 11,000 new or missing service points to the GIS system, narrowing the gap between GIS & the Customer Cloud Service (CCS) system.
- Successfully upgraded ArcFM 10.6.1b software.
- Expanded data monitoring dashboard using Power BI, enabling the GIS department to be proactive in identifying and correcting data issues that historically have caused havoc in related systems.
- Added new and missing transmission data to the system, enabling transmission crews to utilize GIS data for inspection workflows.
- Verified and updated wire sizes on all feeders, enabling the Engineering Department to more accurately plan modifications to the distribution system.
- Added over 500 missing streetlight records and updated over 3,900 existing streetlight records with wattage and lamp type (LEDs).
- Conceived, developed, and managed, in real-time, the GIS dashboard utilized by LP&L and multiple City of Lubbock departments during the ERCOT cutover.
- Implemented a monthly streetlight reporting system in order to provide customer service with accurate billing information.
- Implemented Labeltext auto-updater in ArcFM, resulting in GIS labeling capabilities related to wire size identification on conductors and transformers.
- Successfully incorporated City of Lubbock base map data, resulting in more efficient workflows for both the GIS and Construction Engineering departments.
- Continued to expand data analysis capabilities, enabling the GIS department to respond to special requests more quickly and proactively in identifying inaccurate data.
- Added company numbers to over 200 XCEL transformers.
- Began the process to upgrade relays in some of the older substations, transitioning from older electromechanical and legacy microprocessor relays to newer technology relays.
- Began the 5 year cycle of testing and maintenance of protection system components to stay in compliance with the NERC Reliability standards in the Distribution Substation department
- The Electric Meter Shop received and stocked 1,551 AMI demand and non-demand meters for inventory; tested 1,616 single and three phase watt-hour meters; programed 1,016 watt-hour meters; completed 32 tamper reports; completed 54 new transformer rated meter installs; set 247 transformer rated meters at current customer sites; completed 78 field service jobs; completed 206 site checks; tested 1,405 pairs of class 0, class 2, class 3 rubber gloves, and 172 pair of rubber sleeves.
- Transitioned all field service staff to Utility Meter Technicians.
- Successfully completed 98% of the AMI meter upgrade meter exchanges.
- Completed renovations to the USCS building following the 2021 flooding and successfully relocated staff back to the building.
- Successfully reinstated collection and severance activities and reached consistency in our collections efforts in CCS.
- Successfully incorporated additional job duties (To Do tasks) resulting from the CCS implementation.
- Began staff education regarding the Move to Retail Market and assigned dedicated staff to the Market Transaction Manager (MTM) Project.
- Successfully completed all quarterly upgrades to CCS (as well as related interfaces) throughout the year.
- Implemented new or updated rates for all 5 utility services.

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- Scheduled appropriate education and training opportunities for all customer service employees, including SPARK/COLUU; cross training within all to ensure that each employee can succeed at their own job as well as guarantee the utility as a whole succeed; and the continuation of citywide training for the new CIS system.
 - Completed significant meter deployment and network mitigation for AMI.
 - Increased paperless billing by 27%
 - Increased email communications by 35%, sending 2.7 million emails to customers with a monthly average of 52,000 payment reminders. (21% increase); 91,000 new bill notices (17% increase); and 25,000 payment confirmations.
 - Continued to develop and refine a learning customer service organization capable of responding to changing legislative pressures and develop an informed staff, knowledgeable and flexible in their approach to problem solving.
 - Introduced general ERCOT/Retail Competition training to all Customer Service staff and more in-depth, specific topics training to the MTM project core team.
 - Fully staffed new Property Management, Home Builders, and Key Accounts group, providing promotional opportunities to 3 of the 4 employees in the group.
 - Fully staffed the Utility System Support group.
 - Used contemporary business practices within the Customer Service department to update internal processes to ensure we meet customer expectations, maximize operational efficiencies, and maximize financial benefit for the utility and the customers we serve.
 - Decreased post count (days to process exception billing) from 6 to 3 days, with more than 98% completed by day 1.
 - Plan and implement projects to further optimize feeder balance and reliability post ERCOT integration.
 - Begin planning stage of the Distribution System automation. .
 - Complete the following projects: Thompson Substation Capacity Upgrade; Vicksburg Substation Capacity Upgrade; McDonald Substation Capacity Upgrade; Yellow House T2 Substation Capacity Upgrade; Erskine Feeders Project; Slaton Feeders Project; CO-OP Feeders Project; Vicksburg Feeders Project; McDonald Feeders Project; and Yellow House Phase II Feeders Project.
 - Stay ahead in personnel training, commissioning of new assets, system maintenance, and provide lead assistance to our compliance department by ensuring our Protection and Control (PRC) program meets its regulatory obligations.
 - Become more maintenance oriented through proper maintenance of our feeder lines and laterals to ensure that the citizens of Lubbock continue to have reliable service, even when LP&L is no longer the provider.
 - Incorporate a new industry standard Operating Log to comply with multiple NERC 693 Transmission evidence requirements.
 - Stay ahead in Load Dispatching personnel training, hardware and software capabilities, and lead our compliance programs to ensure Lubbock meets its regulatory obligations.
 - Continue to verify and correct LP&L GIS data.
 - Achieve maximum GIS departmental efficiency by optimizing workflows and processes.
 - Achieve optimal synchronization of service point data with the customer information system.
 - Successfully align the system integration project with the new asset management system
 - Ensure all projects critical to full ERCOT integration are completed by May 2023.
 - Continue re-conductor projects to enhance distribution reliability beyond May 2023.
 - Re-start 4kV conversion and removal program after full ERCOT integration is achieved.
 - Allow for continued training opportunities to improve technical knowledge as well as better project management techniques in the Distribution Construction and Engineering department.
 - Publish website improvements to allow customers, builders and contractors to access construction project installation standards, processes, and contacts.
 - Complete construction of downtown series street light conversion.
 - Continue to perform field audits to confirm the accuracy of meter data between the field and the billing system.
 - Update the remaining 2% of legacy meters to AMI.
- ## Objectives for FY 2022-23
- Provide safe and reliable electric service and a safe work environment for all employees, and ensure long-term financial sustainability.
 - Assist departments in identifying new and/or differing electric reliability requirements with system operations in ERCOT and the Texas Reliability Entity (RE) while maintaining compliance efforts for the remaining system operations in the Southwest Power Pool (SPP) and Midwest Reliability Organization (MRO).
 - Complete integration of remaining Load into ERCOT.
 - Implement plan to eliminate 4kV risks to the system.
 - Train LP&L engineers to represent LP&L in ERCOT working groups, currently outsourced.

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- Have all Utility Meter Technicians complete CPR training.
- Update all electric service points with the correct GPS coordinates to better streamline the process from CCS to GIS.
- Review and implement changes mandated by Senate Bill 3.
- Identify job functions, business processes, and address changes needed to accommodate the move to retail market.
- Work with other city departments to ensure the best customer service possible as it relates to those customers that will continue to be COLU customers.
- Continue ongoing education related to the CIS system and the many functions that it performs.
- Continue to realize efficiencies with the implementation of CCS and OFS.
- Continue education for the many software systems utilized by the Collections department during their day-to-day operations, including CCS, OFS, OMS, Cartagraph, and the 811 system.
- Continue to maintain a positive working relationship with all other city utilities in order to provide the best customer service.
- Continue to develop and refine a learning organization capable of responding to changing legislative pressures and develop an informed staff, knowledgeable and flexible in their approach to problem solving. Ensuring that each interaction creates or fosters a safe, productive, constructive working relationship.
- Maintain constructive, ongoing, and regular communication with customers, both internal and external. Ensure that each customer communication and interaction creates or fosters a productive long-term business relationship.
- Monitor employee-customer interactions and provide feedback.
- Solicit interaction specific feedback from customers by placing customer satisfaction survey cards in lobby, and sending customer satisfaction survey to 10 random callers daily, and recognizing and rewarding employees who demonstrate excellence in Customer Service based on the feedback received directly from our customers.
- Continue to use innovative business practices to update internal processes to ensure we meet customer expectations, maximize operational efficiencies, and maximize financial benefit for the utility and the customers we serve.
- Strive to meet an 85% service level in the call center.
- Increase paperless billing by 25% and continue to market new features using onsert.
- Implement phase 2 of the Smart Grid program, which includes Transmission Distribution Service Provider

(TDSP)/Opt into retail competition go-live and hire for new Market Operations Group.

Funding Sources Overview

LP&L is pleased to present a budget that aligns with the previous year's forecast and does not recommend a base rate adjustment for FY 2022-23.

Overall, budgeted revenues increase \$40.56 million, or 13.3 percent, for FY 2022-23 and include the following changes:

- Interest earnings increase \$0.09 million, or 10.8 percent based on higher yields in the pooled investment portfolio, mainly as a result of anticipated Federal Reserve Bank increases to short-term interest rates.
- Uncollectable Metered Revenues decrease \$0.74 million, or 54.3 percent, and are an offset to metered revenues, and based on collections history. Reduction is based on expectation to recover outstanding bills prior to allowing customers moving over to Retail Choice.
- General consumers' metered revenues are relatively flat due to no base rate increase recommendation for FY 2022-23.
- Power Cost Recovery Factor (PCRF): PCRF revenues increase \$32.77 million, or 16.7 percent, mainly due to a \$53.90 million estimated increase in energy costs; offset by a decrease in transmission costs totaling 15.74 million and capacity costs, totaling \$5.39 million. Costs are anticipated to shift to energy as the remaining thirty percent of the load moves from SPP to the ERCOT Market.
- FFE revenues increase \$1.47 million, or 11.8 percent, due to increased purchase power costs.
- TCOS revenues increase \$7.75 million due to the fact that TCOS revenues in FY 2021-22 include four months of revenues from an initial filing, if annualized, total \$15.9 million. The remaining eight months of FY 2021-22 include projected revenues that, if annualized, total \$40.9 million, which consists of the majority of ERCOT integration-related transmission and distribution assets. The FY 2022-23 TCOS revenues include eight months of revenues at the approved \$40.9 million and four months of revenues related to the increased revenue stream once the final filing occurs around May 2023. Final TCOS revenues are subject to PUC approval and could be higher or lower than the forecast. Going forward, TCOS revenues will grow in line with overall system load growth
- ERCOT Hold Harmless payment totals \$22.0 million, and is an offset to TCOS revenues. In PUC Docket No 47576, the order approving LP&L's initial integration into ERCOT, the PUC ordered LP&L to pay \$22 million each year for the first five years, which will be credited to ERCOT wholesale

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transmission customers to mitigate integration costs. This amount is shown as an offset to the TCOS revenues in the model. The payments began in February 2022 (paid for each of the last eight months of FY 2021-22) and will continue monthly until January 2027.

- Fees and Charges increased \$0.42 million, or 16.7 percent based on annual average growth.
- Outside work order revenues increase \$0.08 million, or 7.6 percent, mainly due to a proposed 20% rate increase in the utility recovery fees for commercial and residential developments. This line item also includes increases in service work order requests for new services, street lights, pole sets, and other distribution-related services.
- Miscellaneous revenues increased \$5.49 million due to insurance proceeds expected to be received for the repairs on Massengale turbine.
- Transfer from the debt service fund represents the utilization of restricted bond proceeds to fund the final capitalized interest payment on the 2018 Series Revenue Bonds. This transfer decreased \$1.6 million for FY 22-23, due to the final capitalized interest payment being done in FY 21-22.
- Transfer from other funds decreases \$0.1 million, or 6.8 percent, due to a slight shift in the allocation of the transfer for the utilities' share of the Utility Customer Service Center and AMI debt service, and in the transfer for the vehicle replacement fund. This decrease is offset slightly due to increases in the transfer from the water/wastewater, solid waste, and storm water utilities, for items such as vehicle purchases, and their portion of the AMI debt service.

Expense Overview

Budgeted expenses increased \$33.69 million, or 10.8 percent, for FY 2022-23. The increases are mainly due to higher energy costs and an increase in interest payments for debt servicing. Offsetting these increases are reduced transmission/capacity costs and a decrease in the cash transfer to the capital program due to the use of unallocated cash. These changes are detailed in the following sections:

- Compensation increases \$1.1 million, or 5.6 percent, due primarily to an increase of \$1.1 million in full time pay, driven largely by an average 5.0 percent cost of living adjustment (COLA) to full-time salaries, totaling \$0.88 million and the addition of two full-time equivalent (FTE) positions in the Distribution Load Dispatching department; an increase in part-time pay of \$0.03 million as a result of the expanded use of part-time employment; and an increase in overtime pay in the amount of \$0.09 million based on the current level of overtime used in several Distribution and Transmission departments. The staffing changes are described in the Staffing Overview in the following section.
- Benefits increase \$0.58 million, or 7.0 percent, as a result of the increases in compensation mentioned above.
- Supplies costs increase \$0.11 million or 6.7 percent due to an increase of \$0.05 million related to the inflated costs of safety supplies; an increase of \$0.05 million for the replacement of various machinery and equipment in the Distribution Overhead department; and an increase of \$0.03 million for chemical supplies related to the expanded substation work for ERCOT projects as well as the inflated costs for SF6 gas equipment in the Transmission Substation department. Offsetting the increases is a decrease of \$0.02 million in small tools supplies.
- Energy/fuel costs increase \$51.68 million, or 43.5 percent, due to increased natural gas prices that have contributed to higher costs of energy in the SPP Integrated Marketplace (IM) and ERCOT market. To minimize any power cost volatility in the markets, LP&L has instituted a structured energy procurement process in coordination with a third-party power marketing company (PMC). Together, LP&L and the PMC have developed a hedge program in which LP&L purchases blocks of Firm Liquidated Damages (LD) power to cover the majority of load and to manage price exposure. The remaining unhedged load is purchased in the day-ahead or real-time markets, allowing the Utility to take advantage of current market conditions. LP&L management and the PMC meet weekly, and on a daily basis if needed, to discuss market conditions to monitor any changes or potential threats that arise, with the ability to adjust the hedging strategies at any time, if necessary. Costs are anticipated to shift to energy as the remaining thirty percent of the load moves from SPP to the ERCOT Market
- Transmission costs decrease \$15.74 million, or 29.9 percent. Transmission charges in FY 2022-23 are related to approximately 70% of load in ERCOT and 30% of load in SPP. LP&L will make ERCOT transmission payments, totaling an estimated \$26.9 million. Transmission costs in SPP are expected to total \$6.3 million for FY 2022-23, which is a decrease of \$21.7 million from the prior year as eight required monthly payments were made from June 1, 2021 to May 31, 2022 (due to the one-year lag from SPP for transmission charges for the final 12 months in SPP).
- Capacity costs decrease \$5.40 million, or 31.6 percent. For FY 2022-23, the capacity charges are only related to eight months of the 170MW contract as the contract is set to expire on May 31, 2023.
- Maintenance costs increase \$0.37 million, or 13.7 percent, due largely to an increase of \$0.30 million in costs related to the maintenance of overhead lines and street lights. The overall increase is also driven by a rise in maintenance costs of \$0.05 million for heavy movable equipment in several Distribution and

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Transmission departments based on historical and current level of use as well as increased maintenance costs of \$0.04 million for overhead equipment due to implemented routine line inspections under the proactive preventive maintenance program. Offsetting the increases is a decrease of \$0.02 million in costs related to the maintenance of distribution equipment and a decrease of \$0.01 million in costs related to the maintenance of line transformers.

- Professional services/training costs increase \$0.43 million, or 4.7 percent, mainly due to a \$0.29 million increase for Kubra web pay and CIS software used in the customer billing function and a \$0.04 million increase for NERC-compliant staff augmentation provided by SHERMCO. Additionally, an increase in contracted services costs of \$0.02 million is due to additional EPS meters that are annually tested and certified by contractors to ensure ERCOT compliance. Increased training cost of \$0.08 million related to the maintenance of NERC, ERCOT, and SCADA credentials as well as the development of leadership skills, also contributed to the overall increase.
- Other Charges decrease \$0.08 million, or 6.0 percent, due to a decrease in computer equipment costs of \$0.07 million as one-time purchases of computer equipment were made in the current FY. In addition, reduced usage of car allowance resulted in reduced costs of \$0.01 million.
- Scheduled charges increase \$3.40 million, or 49.0 percent, due primarily to large increases in property and liability insurance, totaling \$3.32 million. Claims, loss history, and the volatility of the insurance market are the main drivers for the increases. Increases of \$0.18 million in IT charges also contributed to the overall rise in scheduled charges. Offsetting the increases are reduced utility charges of \$0.06 million and telecom charges of \$0.02 million.
- The reimbursement from the Other City Utilities for the customer service function decreased \$0.17 million, or 2.7 percent. The calculation of the reimbursement is based on a negotiated methodology agreed upon by the City and LP&L using audited numbers from FY 2020-21.
- Debt service increased \$4.89 million, or 14.4 percent, due to the increase in principal and interest payments related to the issuance of 20-year revenue bonds to fund approximately \$60.0 million in projects. The projects funded from these bonds were primarily related to the construction of capacity and distribution system upgrades necessary for moving the remaining thirty percent of load over to ERCOT and other major system costs. **Note:** An issuance of 20-year debt is expected to be issued in FY 2022-23 to fund the early termination of LP&L's partial requirements power contract with Southwestern Public Service (SPS).
- Direct purchase revolving note program fees decreased \$0.31 million, or 94.9 percent. The Note Program was used in FY 2019-20 and FY 2020-21 to finance the majority of LP&L's capital expenditures, on an interim basis, including the ERCOT integration transmission assets and other major system capital costs through September 30, 2021. The Note Program will be terminated early as FY 2022-23 bonds were issued to fund major projects. The Note Program Fees account for the cost of issuance, undrawn (standby), and paying agent fees.
- The Indirect Cost Allocation increases \$0.60 million, or 31.6 percent primarily due to increased expenses in the city administrative cost centers.
- FFE and Payment in Lieu of Taxes (PILOT) increase \$1.68 million and \$0.34 million respectively, or 12.7 percent, due to the increase in PCRF revenue mentioned in the Revenue Overview section above.
- The transfer to electric capital decreased \$8.74 million, or 34.3 percent, due to the utilization of unallocated cash related to savings from closed cash-funded capital projects and a reduction in capital costs.

Staffing Overview

The FY 2022-23 Operating Budget incorporates a net increase of two FTE positions. The position changes are summarized as follows:

Two positions are added, as follows:

- Two transmission system operator positions are added to the Distribution Load Dispatching department to eliminate the need to contract these positions resulting in a net savings. The addition of these positions allows the transmission control room to be fully staffed with NERC-certified Transmission System Operators 24 hours a day per NERC standards PER-003 and PER-005.

The net salary and benefits for the added positions totals \$0.24 million.

Capital Program Overview

The FY 2022-23 Capital Program incorporates significant infrastructure that is required for system reliability and strength. In order to facilitate the integration of the remaining load into ERCOT, the capital focus is on the system distribution and capacity upgrades along with minor transmission line rebuilds. With the anticipation of the remainder of customer load moving to ERCOT by May 2023, it is imperative that the distribution system upgrades be completed to allow for the integration. Each of the capital projects are categorized by FERC category/account.

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Following are highlights of the program:

- The overall capital program totals \$353.01 million, which incorporates a significant amount of transmission assets. Long-term financing of these projects has been issued. The term of the bonds for the transmission assets is 30 years, based on the long life of these assets (30+ years). Additionally, all of the transmission assets will be included in the final TCOS filing with ERCOT, resulting in a substantial increase in the TCOS revenue stream, offsetting increased debt service costs. All other debt-funded projects will utilize 20-year financing.
- LP&L has 35 active projects with an appropriation-to-date totaling \$136.92 million.
- The FY 2022-23 Capital Program for LP&L totals approximately \$42.25 million for the following projects:
 - Security Upgrade for Hill Building- \$0.11 million
 - USCS Expansion - \$0.14 million
 - Additional COLU Phone Lines - \$0.17 million
 - Fiberoptic Communications - \$0.25 million
 - GIS Software Upgrades and Interfaces - \$0.25 million
 - NERC Critical Infrastructure Protection Security for Substation - \$0.35 million
 - FY 2020-23 Distribution Meters - \$0.41 million
 - FY 2020-23 Street Lights - \$0.85 million
 - 4kV Distribution Conversion - \$1.65 million
 - FY 2022-23 Vehicles and Equipment - \$1.72 million
 - FY 2020-23 Distribution System Upgrade - \$2.28 million
 - Yellowhouse Substation Capacity Upgrade - \$2.95 million
 - McDonald Substation Capacity Upgrade - \$2.95 million
 - FY 20-23 Overhead Lines - \$3.99 million
 - FY 20-23 Distribution Transformers - \$4.43 million
 - FY 20-23 Underground Distribution - \$4.58 million
 - ERCOT Transmission /Distribution Service Provider System - \$15.19 million.

Financial Model Forecast

The LP&L Financial Model Forecast projects all revenues, operating expenses, and capital expenditures for FY 2022-23 through FY 2027-28. The model considers every line-item for 27 cost centers and applies growth rates that are specific to each line-item in order to project a realistic financial portrait. The model delves into the details, but also incorporates strategic plans that impact the future of LP&L. The financial model incorporates revenues and expenses/expenditures related to the upcoming integration of the remaining load of the utility into ERCOT as well as retail choice. The model anticipates that LP&L will transition to the ERCOT competitive retail electric market by late 2023 and will not operate as a REP or POLR.

Funding Sources

- Base Rates: The financial model does not anticipate base rate adjustments through FY 2027-28. However, LP&L is currently doing a comprehensive Cost of Service (COS) study now that the utility has adequate history from the AMI data and the move to retail choice has been approved. Even though LP&L does not expect to increase rates overall, there may be shifts among rate classes. The COS study will compare customer class revenues to customer class revenue requirements and will indicate the degree to which existing rates recover revenues from each customer class on a COS basis. Once completed, the COS analysis will be the basis for rate design. Generally, the rate design portion of a COS study focuses on designing rates to adequately recover the costs to serve customers and reflect the COS study results for each customer class.
- Uncollectible Metered Revenue: This Write-off line item is a contra revenue, and is expected to occur through late 2023. After that date, all metered revenues will be billed by REPs, who will pass-through our costs in the form of a Transmission & Distribution Utility (TDU) Rate. Therefore, beginning in late 2023, this cost of doing business will be eliminated.
- Power Cost Recovery Factor: PCRF revenues are intended to exactly match power costs throughout the duration of the financial model.
- Franchise Fee Equivalent (FFE): Historically, the FFE charge has been computed as five percent of metered revenues. In order to minimize the financial impact of Opt-In to the City's General Fund, the FFE revenue calculation will be changed to a "cents-per-kilowatt hour" (¢/kWh) charge beginning late 2023.
- Transmission Cost of Service: TCOS revenues are anticipated to increase in May 2023 after an interim TCOS rate filing that will incorporate all of the transmission assets related to the ERCOT integration. After the May 2023 increase, future TCOS revenues will grow in line with overall system load growth.
- ERCOT Hold Harmless: In PUC Docket No 47576, the order approving LP&L's initial integration into ERCOT, the PUC ordered LP&L to pay \$22 million each year for the first five years, which will be credited to ERCOT wholesale transmission customers to mitigate integration costs. This amount is shown as an offset to the TCOS revenues in the model. The payments began in February 2022 and will continue until January 2027.
- Fees and Charges: These customer charges include revenues for reconnect/disconnect fees, administrative fees, meter testing fees, duplicate statement fees, and late charges. In FY 2023-24 revenues will begin to decline due to Opt-In. The future forecasted revenues will include mainly disconnect/reconnect fees and meter testing fees. The bulk of the revenues associated

Lubbock Power & Light Overview

with late charges will be eliminated as those charges will shift to the REPs.

- Miscellaneous: This revenue is made up of sales tax discounts and returned check fees - both of which will be eliminated with Opt-In.

Power Pass-Through Costs

- Energy/Fuel: The model anticipates the elimination of the majority of energy purchases after Opt-In. However, payments for the purchase of energy from a competitive wind power purchase agreement will continue. For the term of the wind power agreement (through May 31, 2032) this wind power facility will operate as a merchant unit, with expenses partially offset by revenues from the SPP IM for energy sold in the market. This line item in the financial model represents the net loss to the utility, averaging approximately \$6.7 million per year.
- Energy/Fuel – LP&L Production: Production costs are included in the PCRF. Beginning in FY 2023-24, costs in those cost centers will be significantly reduced as the generating units are placed in an idled status with minimal operating costs. The results of a review of the energy markets in ERCOT will ultimately determine whether or not the generating units will continue to be operated.

Prior to October 1, 2023, the production units are anticipated to be used to produce power for the City in times where the ERCOT market energy prices are higher than the utility's production costs. As a result, the fuel cost to operate the production units will be netted against the revenues from the ERCOT market and will be included in the PCRF calculation.

- Transmission: The bulk of transmission costs have shifted to ERCOT, in relation to the initial integration. However, a portion of transmission expense from FY 2022-23 through FY 2023-24 is based on projected costs in SPP. Transmission costs in SPP are charged on a one-year lag, therefore, transmission costs are expected to rise dramatically in FY 2023-24, to approximately \$50.4 million as lagging transmission costs are paid in SPP. After FY 2023-24, transmission costs will stabilize at an average of \$43.4 million per year.

Transmission charges in FY 2022-23 are related to approximately 70% of load in ERCOT and approximately 30% of load in SPP. Transmission charges in FY 2023-24 are related to 100% of load in ERCOT and approximately 30% of load in SPP (due to the one-year lag from SPP related to the partial requirements contract). Transmission charges in FY 2024-25 are related to 100% of load in ERCOT, with no additional transmission charges in SPP.

- Capacity and Early Termination of the PR Agreement: In anticipation of the full integration to ERCOT, LP&L and SPS approved a Settlement Agreement on May 27, 2021 to terminate the PR Agreement, which

provides capacity for the remaining customers in SPP. LP&L and SPS identified May 31, 2023 as the estimate of the full ERCOT integration and resulting early termination of the PR Agreement. The impact of the early termination is the elimination of capacity charges in SPP beginning in June 2023. Under the PR Agreement, LP&L pays over \$17.0 million per year for capacity in SPP. With the 1.2 percent annual increase in service, in addition to inflationary impacts, the annual payments will grow well in excess of \$17 million per year into the future. The lump sum termination payment of \$77.5million will be funded with 20-year bonds. Therefore, the termination of the agreement will trade an annual capacity charge with a much lower annual debt service payment, with expected savings exceeding \$10 million per year. Being that ERCOT is an energy-only market there is no capacity requirement, and therefore no capacity costs after full integration into ERCOT, after all lagging transmission charges are paid in SPP.

Departmental Expenses

- Compensation/Benefits – Customer Service: In the Opt-In environment, billing for customers in ERCOT will be performed by REPs, and meter reads (including disconnects/reconnects) will be handled remotely with AMI. These changes will affect the customer/field service departments within the utility. Costs related to these changes are expected to shift to Market Operation salaries once Opt-In is fully implemented.
- Compensation/Benefits – Market Operations: Salaries and benefits within the customer service area include future additional costs related to new capabilities needed to support the changed market environment after Opt-In. The additional capabilities will include data analytics and management; reporting to the PUC, ERCOT, and REPs; market support services; metering support (EPS meters, Electronic Service Identifier IDs, etc.); account managers for market relations; and customer protection and solutions. The costs related to these capabilities are set to begin in late 2023. These new costs will largely be offset by the cost reductions discussed in the bullet above.
- Compensation/Benefits – Production: With Opt-In, and the decision to not operate as the POLR, LP&L anticipates completely exiting the power procurement and power generation business. This move greatly de-risks the operations of the enterprise and transitions LP&L to a pure TDU.
- Compensation/Benefits – Reduction in Workforce: With Opt-In, the decision to not operate as the POLR, and the exit of power generation, LP&L has the ability now to begin training existing employees for new roles, and has the ability to manage the majority of decreases through attrition. The goal is to manage the downsizing of these departments in a manner that has the least impact on employees.

Lubbock Power & Light Overview

- Supplies / Maintenance / Other Charges / Capital Outlay: For the most part, these categories are estimated to grow with inflation throughout the financial model time horizon.
- Scheduled Charges: Scheduled Charges increase for FY 22-23 due to substantial increases in property insurance premiums budgeted at eighteen months and decreases back to normal levels in FY 23-24 due to reducing insurance on our production units as generation is expected to phase out.
- Professional Services/Training: Professional Services costs increase throughout the financial model due to normal inflationary cost pressures in most expense categories. However, costs are also driven higher due to increased operating costs related to Customer Information Systems for the MTM System software and services, totaling roughly \$0.3 million per year beginning in FY 2023-24.
- Reimbursement – City of Lubbock Utilities: The reimbursements for the City of Lubbock Utilities operations will be studied in detail as the structure of the electric utility changes from a non-opt-in entity (NOIE) to a TDU. The future costs related to this portion of the organization, and the reimbursement from the Other City Utilities, is expected to be refined after further analysis prior to transitioning to the retail market.

Fund Level Expenses

- Debt Service: The debt service for LP&L is anticipated to increase throughout the term of the financial model. Annual debt service increases from roughly \$38.86 million in FY 2022-23 to roughly \$43.91 million by FY 2027-28. This is driven largely by the FY 2022-23 issuance of \$77.5 million to fund the early termination of the SPS PR Agreement. Additionally, to facilitate the integration of the remaining load into ERCOT, \$60.0 million of 20-year bonds are being issued for the upgrades to the distribution system. With the anticipation of the remainder of customer load moving to ERCOT by May 2023, it is imperative that the distribution system upgrades be completed to allow for the integration.
- Indirect Cost Allocation: The transfer to the General Fund for indirect costs increases throughout the model in relation to projected inflation.
- PILOT: Historically, the PILOT transfer has been computed as one percent of metered revenues. In order to minimize the financial impact to the City's General Fund of Opt-In, the PILOT transfer calculation is proposed to change to a ¢/kWh beginning on June 1, 2023.
- FFE: In the retail market, the FFE will convert from 5% of metered revenues to a ¢/kWh rate. Total expenses will approximate \$11.5 million per year, and will grow with overall system load growth.
- Transfer to Capital Program: Transfers to the capital program total \$102.28 million from FY 2022-23

through FY 2027-28. The percentage of projects that are cash funded is 47.1 percent over that time horizon, which exceeds the Electric Utility Board's objective of funding 35 percent of the capital program with cash and 65 percent with debt.

- Transfer to Debt Service for General Fund Capital Improvement Project (CIP): The transfer remains fairly stable over the term of the financial model. The transfer is to reimburse the City's Debt Service Fund for LP&L's share of the Citizen's Tower and City of Lubbock Utilities' Customer Service Center.

General Reserve Policy and Reserves

- The City Council passed an ordinance on December 16, 2004, later amended on April 10, 2012, which provides for the creation of a General Reserve which is equal to three months revenue generated from all retail electric sales.



Lubbock Power & Light - Financial Model

	Amended	Budget	Forecast				
FUNDING SOURCES	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
Interest Earnings	\$ 900,041	997,479	836,738	625,397	489,263	644,202	650,644
Rentals and Recoveries	218,771	123,771	144,734	147,918	151,172	154,498	157,897
Sale of equipment/recycle scrap	77,936	161,428	164,979	168,609	172,318	176,109	179,984
Uncollectible Metered Revenue	(1,366,848)	(624,809)	-	-	-	-	-
General Consumers Metered	68,754,453	69,499,766	69,681,022	69,863,374	70,046,830	70,231,399	70,417,091
Power Cost Recovery Factor (PCRF)	196,165,463	228,933,751	58,128,517	48,870,167	50,352,802	51,846,305	53,422,336
Franchise Fee Equivalent Revenue	12,498,381	13,970,749	11,537,552	11,551,397	11,565,258	11,579,137	11,593,032
Transmission Cost of Service (TCOS)	34,285,989	42,033,048	43,684,400	43,736,821	43,789,305	43,841,853	43,894,463
ERCOT Hold Harmless Payment	(14,666,667)	(22,000,000)	(22,000,000)	(22,000,000)	(22,000,000)	(7,333,333)	-
Fees and Charges	2,562,311	2,989,230	896,769	916,498	936,661	957,268	978,327
Outside Work Orders and Street Lights	1,041,170	1,120,143	1,344,171	1,373,743	1,403,966	1,434,853	1,466,420
Tampering Fees	53,449	53,450	55,828	58,311	60,905	62,245	63,614
Miscellaneous	170,746	5,663,207	-	-	-	-	-
Transfer from Debt Service Fund	1,551,525	-	-	-	-	-	-
Transfer from Other Funds	1,713,786	1,596,802	1,617,709	1,688,164	1,566,868	1,620,150	1,148,893
Total Revenue Sources	\$ 303,960,506	344,518,015	166,092,420	157,000,400	158,535,348	175,214,685	183,972,700
Use of General Reserve	8,429,542	1,557,209	10,476,844	9,868,849	13,176,555	-	-
TOTAL FUNDING SOURCES	\$ 312,390,049	346,075,224	176,569,264	166,869,248	171,711,903	175,214,685	183,972,700
DEPARTMENTAL EXPENSES							
Compensation*	\$ 16,794,337	18,047,239	18,588,524	19,146,059	19,720,334	20,311,852	20,921,130
Benefits*	7,126,199	7,695,250	7,990,214	8,297,233	8,616,827	8,949,544	9,295,952
Supplies Less Purchased Power & Fuel*	1,458,494	1,583,782	1,614,040	1,641,165	1,672,858	1,697,997	1,720,620
Power Pass-Through Costs:							
Energy/Fuel	115,298,686	165,115,257	6,699,279	6,699,279	6,699,279	6,699,279	6,699,279
Energy/Fuel (LP&L Production)	11,345,731	15,224,867	1,016,873	1,043,242	1,070,355	1,098,174	1,126,743
Transmission	52,574,199	36,838,353	50,406,182	41,166,914	42,594,669	44,071,941	45,600,449
Capacity	17,055,032	11,657,500	-	-	-	-	-
Maintenance*	2,350,101	2,738,508	2,798,755	2,860,328	2,923,255	2,987,567	3,053,293
Professional/Training*	8,774,471	9,202,575	10,007,356	9,753,641	9,936,386	10,113,777	10,295,071
Other Charges*	1,359,745	1,278,920	1,307,056	1,335,811	1,365,199	1,395,234	1,425,929
Scheduled Charges*	4,046,208	5,257,092	4,089,515	4,179,485	4,271,433	4,365,405	4,461,444
Capital Outlay/Reimbursements*	22,000	185,000	189,070	193,230	197,481	201,825	206,265
Reimbursement - City of Lubbock Utilities	(6,148,191)	(5,979,283)	(6,581,820)	(7,136,539)	(7,241,631)	(7,620,284)	(8,690,446)
TOTAL DEPARTMENTAL EXPENSES	\$ 232,057,012	268,845,061	98,125,044	89,179,847	91,826,445	94,272,310	96,115,729
FUND LEVEL EXPENSES							
Debt Service - Principal	\$ 20,375,000	19,755,000	22,030,000	21,434,391	22,229,479	22,809,449	22,825,878
Debt Service - Interest	13,601,285	19,110,440	23,491,589	22,576,604	21,752,842	21,224,127	21,088,868
Capitalized Interest	1,551,525	-	-	-	-	-	-
Note Program Fees	323,628	16,482	-	-	-	-	-
Indirect Cost Allocation	1,895,328	2,493,965	2,548,832	2,604,907	2,662,214	2,720,783	2,780,640
Franchise Fee Equivalent - General Fund	13,245,996	14,921,676	11,537,552	11,551,397	11,565,258	11,579,137	11,593,032
Payment In Lieu of Property Tax	2,649,199	2,984,335	2,307,510	2,310,279	2,313,052	2,315,827	2,318,606
Transfer to Capital Program	25,469,731	16,726,908	15,305,000	15,985,000	18,135,000	18,705,000	17,420,000
Transfer to Debt Service for General Fund CIP	1,141,406	1,139,661	1,140,242	1,141,493	1,140,403	1,139,923	1,139,884
Miscellaneous	79,939	81,697	83,494	85,331	87,208	89,127	91,088
TOTAL FUND LEVEL EXPENSES	\$ 80,333,037	77,230,164	78,444,220	77,689,402	79,885,458	80,583,374	79,257,997
Final Compensation Adjustment	-	-	-	-	-	-	-
TOTAL EXPENSES	\$ 312,390,049	346,075,224	176,569,264	166,869,248	171,711,903	174,855,684	175,373,727
GENERAL RESERVE POLICY							
General Reserve Policy^	\$ 69,354,574	78,101,066	34,836,773	32,571,234	32,991,222	33,414,210	33,858,114
GENERAL RESERVE CALCULATION							
Beginning General Reserve**	\$ 79,001,214	70,571,672	69,014,462	58,537,618	48,668,770	35,492,215	35,851,216
Budget Surplus/(Deficit)	(8,429,542)	(1,557,209)	(10,476,844)	(9,868,849)	(13,176,555)	359,001	8,598,973
TOTAL ESTIMATED GENERAL RESERVE	\$ 70,571,672	69,014,462	58,537,618	48,668,770	35,492,215	35,851,216	44,450,189
GENERAL RESERVE EXCESS/(DEFICIT)	1,217,097	(9,086,604)	23,700,846	16,097,535	2,500,993	2,437,006	10,592,075

*Production costs are excluded from these expense categories and are included in the "Energy/Fuel - LP&L Production" line item within Power Pass-Through Costs.

**Beginning General Reserve is as of October 31, 2021.



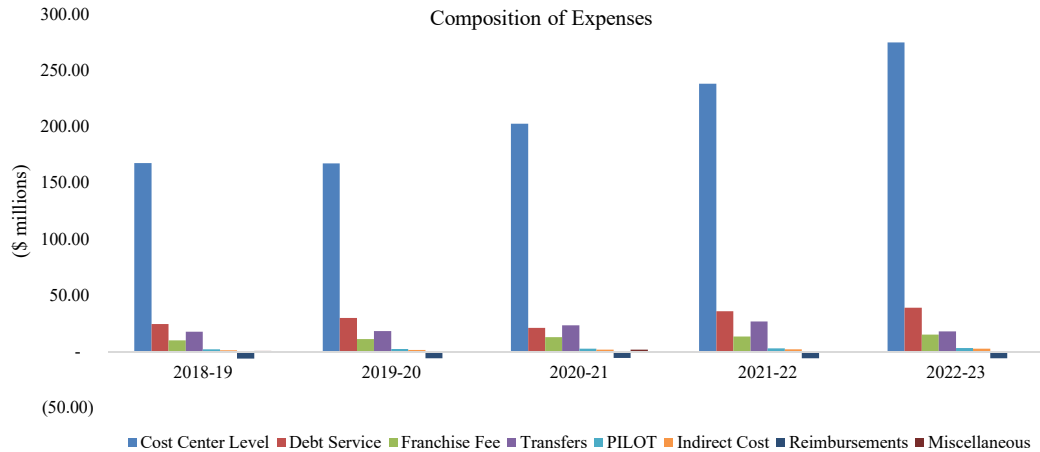
Lubbock Power & Light - Rates

PROJECTED RATE IMPACT	Actual	Budget	Forecast*				
	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
Projected Base Rate Increase	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Residential Standard - Rate 1							
Service Availability	\$ 8.07	\$ 8.07	\$ 8.07	\$ 8.07	\$ 8.07	\$ 8.07	\$ 8.07
Summer Energy (per kWh)	0.03381	0.03381	0.03381	0.03381	0.03381	0.03381	0.03381
Non-Summer Energy (per kWh)	0.03381	0.03381	0.03381	0.03381	0.03381	0.03381	0.03381
Residential All Electric - Rate 3							
Service Availability	8.07	8.07	8.07	8.07	8.07	8.07	8.07
Summer Energy (per kWh)	0.02921	0.02921	0.02921	0.02921	0.02921	0.02921	0.02921
Non-Summer Energy (per kWh)	0.02921	0.02921	0.02921	0.02921	0.02921	0.02921	0.02921
Residential Net Metering - Rate 5							
Service Availability	30.43	30.43	30.43	30.43	30.43	30.43	30.43
Summer Energy ≤1,000kWh (per kWh)	0.01292	0.01292	0.01292	0.01292	0.01292	0.01292	0.01292
Summer Energy >1,000kWh (per kWh)	0.02349	0.02349	0.02349	0.02349	0.02349	0.02349	0.02349
Non-Summer Energy ≤1,000kWh(per kWh)	0.00397	0.00397	0.00397	0.00397	0.00397	0.00397	0.00397
Non-Summer Energy >1,000kWh(per kWh)	0.01175	0.01175	0.01175	0.01175	0.01175	0.01175	0.01175
Small General - Rate 10							
Service Availability	13.55	13.55	13.55	13.55	13.55	13.55	13.55
Energy (per kWh)	0.01987	0.01987	0.01987	0.01987	0.01987	0.01987	0.01987
Small General Net Metering - Rate 11							
Service Availability	28.77	28.77	28.77	28.77	28.77	28.77	28.77
Energy <1,000kWh (per kWh)	0.00076	0.00076	0.00076	0.00076	0.00076	0.00076	0.00076
Energy >1,000kWh (per kWh)	0.01878	0.01878	0.01878	0.01878	0.01878	0.01878	0.01878
Large School - Rate 15							
Service Availability	39.74	39.74	39.74	39.74	39.74	39.74	39.74
Energy (per kWh)	0.00049	0.00049	0.00049	0.00049	0.00049	0.00049	0.00049
Demand (per kW)	5.77410	5.77410	5.77410	5.77410	5.77410	5.77410	5.77410
Secondary Commercial and Net Metering- Rate 16							
Service Availability	28.56	28.56	28.56	28.56	28.56	28.56	28.56
Energy (per kWh)	0.00080	0.00080	0.00080	0.00080	0.00080	0.00080	0.00080
Summer Demand (per kW)	8.00922	8.00922	8.00922	8.00922	8.00922	8.00922	8.00922
Non-Summer Demand (per kW)	4.28400	4.28400	4.28400	4.28400	4.28400	4.28400	4.28400
Primary Commercial - Rate 16P							
Service Availability	310.44	310.44	310.44	310.44	310.44	310.44	310.44
Energy (per kWh)	0.00057	0.00057	0.00057	0.00057	0.00057	0.00057	0.00057
Demand (per kW)	5.15323	5.15323	5.15323	5.15323	5.15323	5.15323	5.15323
Large Municipal - Rate 17							
Service Availability	49.67	49.67	49.67	49.67	49.67	49.67	49.67
Energy (per kWh)	0.00066	0.00066	0.00066	0.00066	0.00066	0.00066	0.00066
Demand (per kW)	5.24014	5.24014	5.24014	5.24014	5.24014	5.24014	5.24014
Street Lighting - Rate 18							
Energy (per kWh)	0.04781	0.04781	0.04781	0.04781	0.04781	0.04781	0.04781
General Religious - Rate 19							
Service Availability	16.77	16.77	16.77	16.77	16.77	16.77	16.77
Energy (per kWh)	0.01847	0.01847	0.01847	0.01847	0.01847	0.01847	0.01847
Small Municipal & School - Rate 21							
Service Availability	12.98	12.98	12.98	12.98	12.98	12.98	12.98
Energy (per kWh)	0.01639	0.01639	0.01639	0.01639	0.01639	0.01639	0.01639

*The financial model does not currently anticipate base rate adjustments throughout the forecast years. LP&L plans to undertake a comprehensive cost of service (COS) study after one year of AMI meter information is collected in 2022. LP&L does not expect the COS to increase rates overall, but may shift costs from one rate class to another.



Lubbock Power & Light - Staffing



ADMINISTRATION

	Actual	Actual	Actual	Amended	Budget	Change
STAFFING	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended
Administration	17	17	17	18	18	-
Regulatory Compliance	6	6	5	5	5	-
Legal	3	3	3	3	3	-
Conservation And Education	2	2	3	2	2	-
TOTAL ADMINISTRATION	28	28	28	28	28	-

PRODUCTION

	Actual	Actual	Actual	Amended	Budget	Change
STAFFING	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended
Production Operations	6	6	5	4	4	-
Production Cooke Station	-	-	-	-	-	-
Production Brandon Station	4	-	-	-	-	-
Production Massengale Station	22	26	26	27	27	-
TOTAL PRODUCTION	32	32	31	31	31	-

DISTRIBUTION

	Actual	Actual	Actual	Amended	Budget	Change
STAFFING	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended
Distribution Supervision & Eng.	7	7	7	7	7	-
Underground Lines	29	34	34	34	34	-
Overhead Lines	32	32	32	31	31	-
Distribution Load Dispatching	14	14	14	15	17	2
Distribution Customer Svc.	12	12	12	12	12	-
Geographic Information Systems	8	8	8	8	8	-
Distribution Substations	14	14	14	14	14	-
Distribution Eng. & Constr. Mgmt.	9	9	9	9	9	-
Distribution Meter Shop	6	6	6	6	6	-
Distribution Street Lights	8	10	10	12	12	-
TOTAL DISTRIBUTION	139	146	146	148	150	2

TRANSMISSION

	Actual	Actual	Actual	Amended	Budget	Change
STAFFING	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended
Transmission Supervision & Eng.	8	8	8	8	8	-
Transmission Overhead Lines	-	-	1	9	9	-
TOTAL TRANSMISSION	8	8	9	17	17	-

CUSTOMER SERVICE

	Actual	Actual	Actual	Amended	Budget	Change
STAFFING	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended
Field Services	21	29	32	29	29	-
Meter Reading	17	6	-	-	-	-
Customer Information Systems	9	9	9	10	10	-
Payment Processing	-	-	-	-	-	-
Customer Service	56	56	60	60	60	-
Collections	19	21	21	23	23	-
TOTAL CUSTOMER SERVICE	122	121	122	122	122	-
TOTAL STAFFING	329	335	336	346	348	2



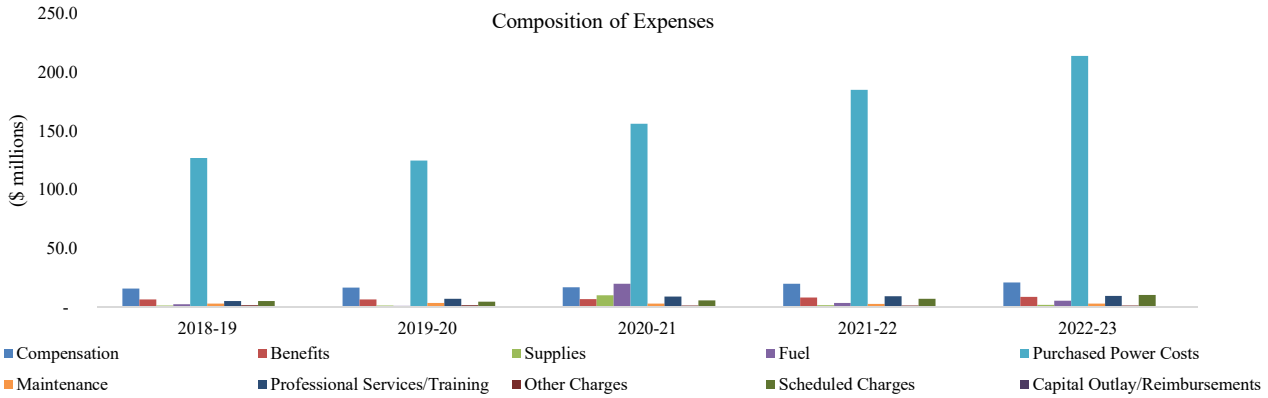
Lubbock Power & Light - Fund Overview

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
FUNDING SOURCES	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Interest Earnings	\$ 1,700,652	1,441,477	813,371	900,041	997,479	97,438	10.8
Rentals and Recoveries	1,207,689	123,900	302,931	218,771	123,771	(95,000)	(43.4)
Sale of equipment/recycle scrap	110,054	53,511	452,629	77,936	161,428	83,492	107.1
Uncollectable Metered Revenue	-	-	(1,719,285)	(1,366,848)	(624,809)	742,039	(54.3)
General Consumers Metered	67,524,201	70,337,904	70,338,992	68,754,453	69,499,766	745,313	1.1
Power Cost Recovery Factor (PCRF)	128,960,928	131,064,840	181,826,347	196,165,463	228,933,751	32,768,288	16.7
Franchise Fee Equivalent Revenue	9,337,517	9,524,817	11,907,195	12,498,381	13,970,749	1,472,368	11.8
Transmission Cost of Service (TCOS)	-	-	5,541,501	34,285,989	42,033,048	7,747,059	22.6
SPS Hold Harmless Reserve Revenue Recognition	-	-	-	-	-	-	-
ERCOT Hold Harmless Payment	-	-	-	(14,666,667)	(22,000,000)	(7,333,333)	50.0
Unit Contingent Sales	(69,960)	-	-	-	-	-	-
Power Marketing Sales	3,071,940	121	-	-	-	-	-
Fees and Charges	2,514,333	1,846,078	3,029,536	2,562,311	2,989,230	426,919	16.7
Outside Work Orders and Street Lights	864,402	1,054,433	936,594	1,041,170	1,120,143	78,972	7.6
Tampering Fees	51,173	13,268	9,825	53,449	53,450	1	0.0
Miscellaneous	244,440	371,396	2,055,889	170,746	5,663,207	5,492,461	3,216.8
Transfer from Debt Service Fund	2,280,536	3,103,050	3,103,050	1,551,525	-	(1,551,525)	(100.0)
Transfer from Other Funds	1,315,028	2,696,690	-	1,713,786	1,596,802	(116,984)	(6.8)
Total Revenue Sources	\$219,112,934	221,631,484	278,598,576	303,960,506	344,518,015	40,557,509	13.3
Utilization of General Reserve	-	2,124,737	-	8,429,542	1,557,209	(6,872,334)	(81.5)
TOTAL FUNDING SOURCES	\$219,112,934	223,756,221	278,598,576	312,390,049	346,075,224	33,685,175	10.8

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
DEPARTMENT LEVEL EXPENSES	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 15,820,383	16,633,233	16,755,100	19,761,531	20,866,237	1,104,706	5.6
Benefits	6,395,597	6,583,155	6,662,677	8,219,842	8,797,997	578,155	7.0
Supplies	1,303,218	1,389,148	9,940,880	1,648,865	1,759,084	110,220	6.7
Fuel	2,303,279	-	-	-	-	-	-
Energy/Fuel	64,438,776	60,067,543	91,546,196	118,774,066	170,455,256	51,681,190	43.5
Transmission	27,441,676	32,849,145	28,311,402	52,574,199	36,838,353	(15,735,846)	(29.9)
Capacity	35,085,238	32,953,188	30,076,810	17,055,032	11,657,500	(5,397,532)	(31.6)
SPS Hold Harmless Payment	-	-	-	-	-	-	-
Maintenance	2,972,963	3,618,461	3,057,184	2,659,274	3,024,592	365,318	13.7
Professional Services/Training	5,065,242	7,082,621	8,978,128	9,170,541	9,598,645	428,104	4.7
Other Charges	1,514,036	1,527,419	1,446,380	1,377,486	1,295,161	(82,325)	(6.0)
Scheduled Charges	5,110,567	4,485,188	5,655,738	6,942,367	10,346,517	3,404,150	49.0
Capital Outlay/Reimbursements	80,082	105,448	90,778	22,000	185,000	163,000	740.9
Reimbursement - Utility Collections	\$ (6,345,949)	(6,014,289)	(5,800,763)	(6,148,191)	(5,979,283)	168,908	(2.7)
TOTAL DEPARTMENT LEVEL EXPENSES	\$161,185,108	161,280,260	196,720,511	232,057,012	268,845,061	36,788,049	15.9

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
FUND LEVEL EXPENSES	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Debt Service	\$ 22,019,432	26,193,206	17,695,673	33,976,285	38,865,440	4,889,155	14.4
Capitalized Interest	2,280,536	3,103,050	3,103,050	1,551,525	-	(1,551,525)	(100.0)
Note Program Fees	-	496,415	134,519	323,628	16,482	(307,146)	(94.9)
Transmission System Inventory	-	-	1,570,016	-	-	-	-
Transfer to Debt Service Reserve Fund	-	-	-	-	-	-	-
Indirect Cost Allocation	1,155,378	1,266,838	1,742,352	1,895,328	2,493,965	598,637	31.6
Franchise Fee Equivalent	9,818,831	10,943,485	12,604,194	13,245,996	14,921,676	1,675,680	12.7
Payment In Lieu of Property Tax	1,963,766	2,188,697	2,520,839	2,649,199	2,984,335	335,136	12.7
Transfer to Capital Program	15,995,000	17,145,000	22,023,600	25,469,731	16,726,908	(8,742,823)	(34.3)
Transfer to Debt Service for General Fund CIP	1,630,198	1,139,270	1,140,119	1,141,406	1,139,661	(1,745)	(0.2)
Miscellaneous	481,452	-	87,894	79,939	81,697	1,758	2.2
TOTAL FUND LEVEL EXPENSES	\$ 55,344,593	62,475,961	62,622,256	80,333,037	77,230,164	(3,102,873)	(3.9)
Final Compensation Adjustment	-	-	-	-	-	-	-
TOTAL EXPENSES	\$216,529,701	223,756,221	259,342,767	312,390,049	346,075,224	33,685,175	10.8

Lubbock Power & Light - Department Overview



	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 15,820,383	16,633,233	16,755,100	19,761,531	20,866,237	1,104,706	5.6
Benefits	6,395,597	6,583,155	6,662,677	8,219,842	8,797,997	578,155	7.0
Supplies	1,303,218	1,389,148	9,940,880	1,648,865	1,759,084	110,220	6.7
Fuel	2,303,279	1,203,657	19,951,275	3,475,380	5,339,999	1,864,619	53.7
Purchased Power Costs	126,965,690	124,666,220	156,070,208	184,927,918	213,611,110	28,683,192	15.5
Maintenance	2,972,963	3,618,461	3,057,184	2,659,274	3,024,592	365,318	13.7
Professional Services/Training	5,065,242	7,082,621	8,978,128	9,170,541	9,598,645	428,104	4.7
Other Charges	1,514,036	1,527,419	1,446,380	1,377,486	1,295,161	(82,325)	(6.0)
Scheduled Charges	5,110,567	4,485,188	5,655,738	6,942,367	10,346,517	3,404,150	49.0
Capital Outlay/Reimbursements	80,082	105,448	90,778	22,000	185,000	163,000	740.9
Reimbursement - Utility Collections	(6,345,949)	(6,014,289)	(5,800,763)	(6,148,191)	(5,979,283)	168,908	(2.7)
TOTAL EXPENSES BY CATEGORY	\$ 161,185,108	161,280,259	222,807,586	232,057,012	268,845,061	36,788,049	15.9

ADMINISTRATION

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY FUNCTION	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Administration	\$ 3,104,992	2,885,486	3,038,725	3,162,082	3,317,123	155,041	4.9
Regulatory Compliance	616,177	734,767	695,177	866,532	863,215	(3,316)	(0.4)
Legal	967,547	1,728,495	1,532,139	1,494,347	1,505,382	11,035	0.7
Conservation And Education	327,316	280,533	359,702	597,986	644,033	46,047	7.7
TOTAL ADMINISTRATION	\$ 5,016,033	5,629,282	5,625,743	6,120,946	6,329,753	208,807	3.4

POWER PASS-THROUGH

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY FUNCTION	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Production Operations	\$ 960,977	904,216	793,540	845,763	636,631	(209,132)	(24.7)
Purchased Power	128,120,414	125,869,876	184,697,679	184,927,918	213,611,110	28,683,192	15.5
Production Cooke Station	433,495	556,222	676,448	1,348,882	2,186,410	837,528	62.1
Production Brandon Station	870,799	568,816	1,033,866	1,622,805	2,318,264	695,460	42.9
Production Massengale Station	5,138,697	3,291,958	3,575,148	7,528,281	10,083,561	2,555,280	33.9
Reg Market Admin & Compliance	209,991	13,939	-	-	-	-	-
TOTAL POWER PASS-THROUGH	\$ 135,734,373	131,205,027	190,776,681	196,273,649	228,835,977	32,562,328	16.6

DISTRIBUTION

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY FUNCTION	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Distribution Supervision & Eng.	\$ 743,090	799,556	716,357	620,662	676,914	56,253	9.1
Underground Lines	2,471,896	3,337,097	2,838,693	3,210,133	3,397,762	187,630	5.8
Overhead Lines	2,681,800	2,895,954	2,840,544	2,893,148	3,358,214	465,065	16.1
Distribution Load Dispatching	1,003,083	1,347,521	1,623,526	2,114,791	2,294,550	179,758	8.5
Distribution Customer Svc.	3,493,801	3,747,163	3,484,023	3,611,923	3,705,207	93,285	2.6
Geographic Information Systems	509,057	834,680	749,242	912,937	975,197	62,260	6.8
Distribution Substations	991,866	959,045	1,545,367	1,671,659	2,679,061	1,007,402	60.3
Distribution Eng. & Constr. Mgmt.	424,772	484,916	478,002	499,235	526,988	27,753	5.6
Distribution Meter Shop	704,990	734,186	781,187	745,762	788,120	42,358	5.7
Distribution Street Lights	1,193,477	1,420,854	1,537,279	1,744,160	1,934,052	189,892	10.9
TOTAL DISTRIBUTION	\$ 14,217,833	16,560,972	16,594,220	18,024,410	20,336,065	2,311,655	12.8

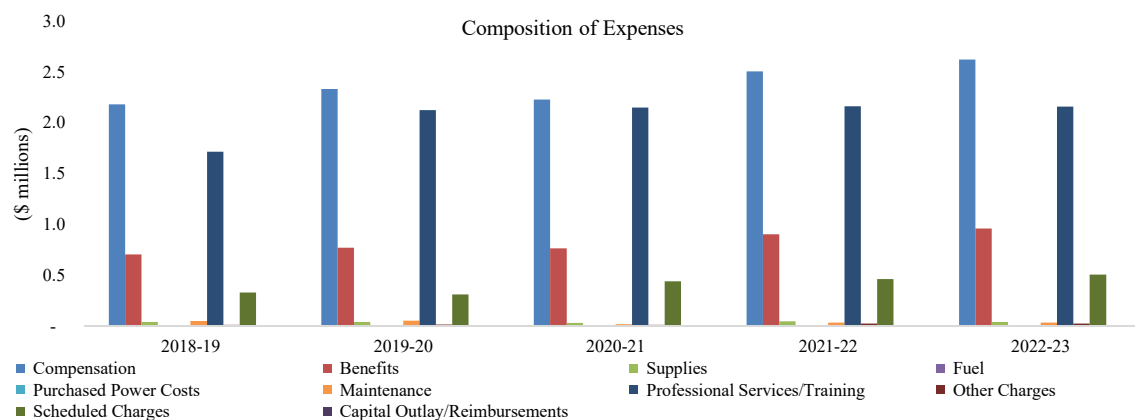
TRANSMISSION

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY FUNCTION	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Transmission Supervision & Eng.	\$ 1,098,982	1,752,995	1,777,982	1,109,232	1,204,480	95,248	8.6
Transmission Overhead Lines	48,430	151,327	265,890	1,277,804	1,427,829	150,025	11.7
Transmission Load Dispatching	602,376	849,471	1,168,672	1,720,924	1,915,920	194,996	11.3
Transmission Substation	451,351	307,651	456,497	490,776	669,762	178,987	36.5
TOTAL TRANSMISSION	\$ 2,201,139	3,061,445	3,669,040	4,598,737	5,217,992	619,256	13.5

CUSTOMER SERVICE

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY FUNCTION	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Field Services	\$ 1,303,892	1,256,121	1,923,777	2,192,776	2,340,596	147,820	6.7
Meter Reading	1,197,415	1,035,893	-	-	-	-	-
Customer Information Systems	3,737,656	4,386,363	5,349,458	5,372,611	5,771,673	399,062	7.4
Payment Processing	-	-	-	-	-	-	-
Customer Service	2,924,972	2,867,838	3,322,494	3,924,007	4,070,578	146,571	3.7
Collections	1,197,744	1,291,607	1,346,935	1,698,067	1,921,710	223,643	13.2
Reimbursement - Utility Collections	(6,345,949)	(6,014,289)	(5,800,763)	(6,148,191)	(5,979,283)	168,908	(2.7)
TOTAL CUSTOMER SERVICE	\$ 4,015,731	4,823,532	6,141,901	7,039,270	8,125,273	1,086,003	15.4

Lubbock Power & Light - Administration

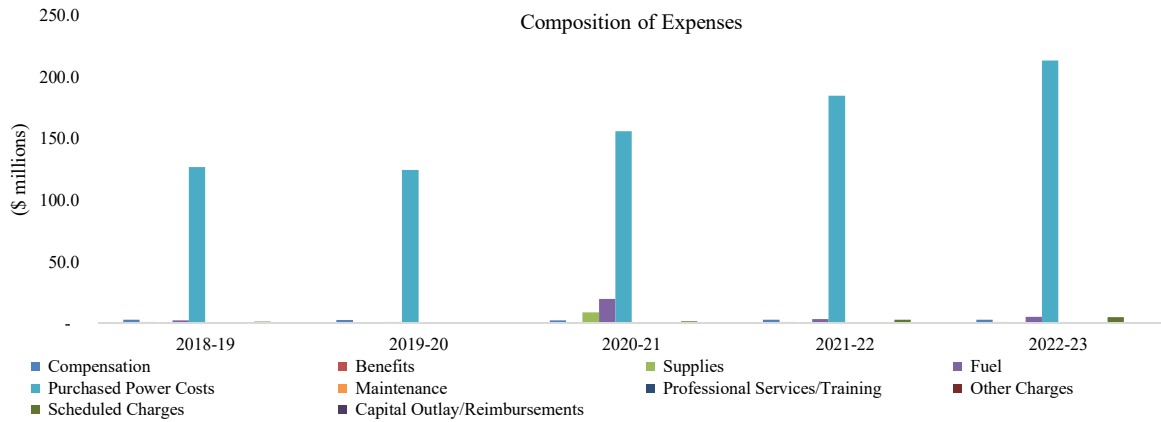


EXPENSES BY CATEGORY	Actual FY 2018-19	Actual FY 2019-20	Actual FY 2020-21	Amended FY 2021-22	Budget FY 2022-23	\$ Change from Amended	% Change from Amended
Compensation	\$ 2,179,590	2,329,240	2,227,328	2,504,521	2,619,897	115,376	4.6
Benefits	700,759	768,330	761,533	899,818	957,467	57,649	6.4
Supplies	38,555	37,905	28,708	42,690	38,096	(4,594)	(10.8)
Fuel	-	-	-	-	-	-	-
Purchased Power Costs	-	-	-	-	-	-	-
Maintenance	47,694	50,113	14,637	30,735	30,867	132	0.4
Professional Services/Training	1,712,585	2,123,486	2,147,876	2,160,687	2,157,124	(3,563)	(0.2)
Other Charges	9,147	11,276	9,189	21,880	21,880	0	0.0
Scheduled Charges	327,702	308,931	436,471	460,615	504,422	43,807	9.5
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL EXPENSES BY CATEGORY	\$ 5,016,033	5,629,282	5,625,743	6,120,946	6,329,753	208,807	3.4

ADMINISTRATION

EXPENSES BY FUNCTION	Actual FY 2018-19	Actual FY 2019-20	Actual FY 2020-21	Amended FY 2021-22	Budget FY 2022-23	\$ Change from Amended	% Change from Amended
Administration	\$ 3,104,992	2,885,486	3,038,725	3,162,082	3,317,123	155,041	4.9
Regulatory Compliance	616,177	734,767	695,177	866,532	863,215	(3,316)	(0.4)
Legal	967,547	1,728,495	1,532,139	1,494,347	1,505,382	11,035	0.7
Conservation And Education	327,316	280,533	359,702	597,986	644,033	46,047	7.7
TOTAL ADMINISTRATION	\$ 5,016,033	5,629,282	5,625,743	6,120,946	6,329,753	208,807	3.4

Lubbock Power & Light - Power Pass-Through

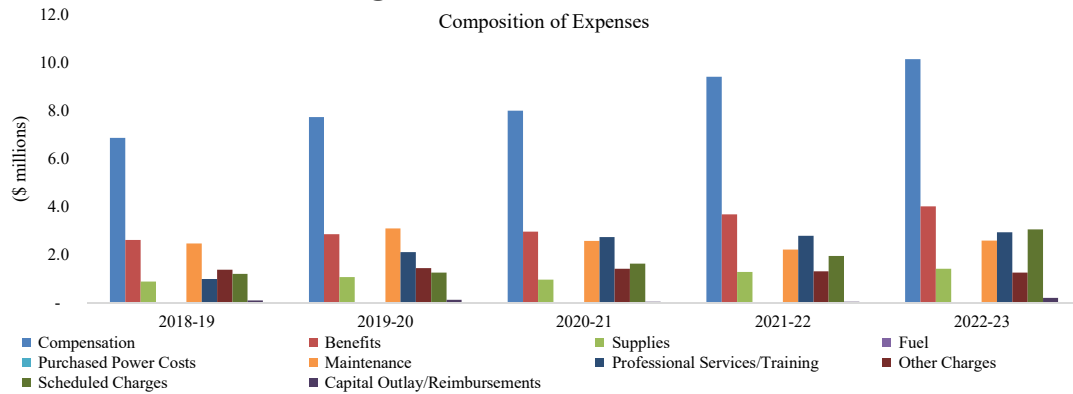


	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 2,884,302	2,659,077	2,441,769	2,967,195	2,818,999	(148,196)	(5.0)
Benefits	1,033,755	972,439	896,552	1,093,643	1,102,748	9,105	0.8
Supplies	255,879	175,701	8,839,075	190,371	175,302	(15,069)	(7.9)
Fuel	2,303,279	1,203,657	19,951,275	3,475,380	5,339,999	1,864,619	53.7
Purchased Power Costs	126,965,690	124,666,220	156,070,208	184,927,918	213,611,110	28,683,192	15.5
Maintenance	285,573	351,987	315,820	309,173	286,084	(23,089)	(7.5)
Professional Services/Training	672,000	320,293	621,219	396,070	396,070	-	-
Other Charges	12,769	10,696	18,938	17,741	16,241	(1,500)	(8.5)
Scheduled Charges	1,321,125	844,958	1,553,397	2,896,159	5,089,425	2,193,266	75.7
Capital Outlay/Reimbursements	-	-	68,428	-	-	-	-
TOTAL EXPENSES BY CATEGORY	\$ 135,734,373	131,205,027	190,776,681	196,273,649	228,835,977	32,562,328	16.6

POWER PASS-THROUGH

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY FUNCTION	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Production Operations	\$ 960,977	904,216	793,540	845,763	636,631	(209,132)	(24.7)
Purchased Power	128,120,414	125,869,876	184,697,679	184,927,918	213,611,110	28,683,192	15.5
Production Cooke Station	433,495	556,222	676,448	1,348,882	2,186,410	837,528	62.1
Production Brandon Station	870,799	568,816	1,033,866	1,622,805	2,318,264	695,460	42.9
Production Massengale Station	5,138,697	3,291,958	3,575,148	7,528,281	10,083,561	2,555,280	33.9
Reg Market Admin & Compliance	209,991	13,939	-	-	-	-	-
TOTAL POWER PASS-THROUGH	\$ 135,734,373	131,205,027	190,776,681	196,273,649	228,835,977	32,562,328	16.6

Lubbock Power & Light - Distribution & Transmission



	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 6,869,874	7,737,263	8,004,579	9,420,003	10,159,482	739,480	7.9
Benefits	2,607,391	2,847,874	2,951,502	3,678,840	4,012,649	333,809	9.1
Supplies	868,150	1,060,717	954,263	1,272,406	1,404,067	131,661	10.3
Fuel	-	-	-	-	-	-	-
Purchased Power Costs	-	-	-	-	-	-	-
Maintenance	2,466,428	3,094,558	2,574,131	2,202,969	2,580,230	377,261	17.1
Professional Services/Training	972,659	2,098,795	2,731,102	2,785,264	2,924,209	138,945	5.0
Other Charges	1,366,006	1,429,644	1,410,796	1,297,279	1,243,335	(53,944)	(4.2)
Scheduled Charges	1,188,384	1,248,119	1,614,536	1,944,386	3,045,085	1,100,699	56.6
Capital Outlay/Reimbursements	80,082	105,448	22,350	22,000	185,000	163,000	740.9
TOTAL EXPENSES BY CATEGORY	\$ 16,418,972	19,622,417	20,263,260	22,623,147	25,554,057	2,930,910	13.0

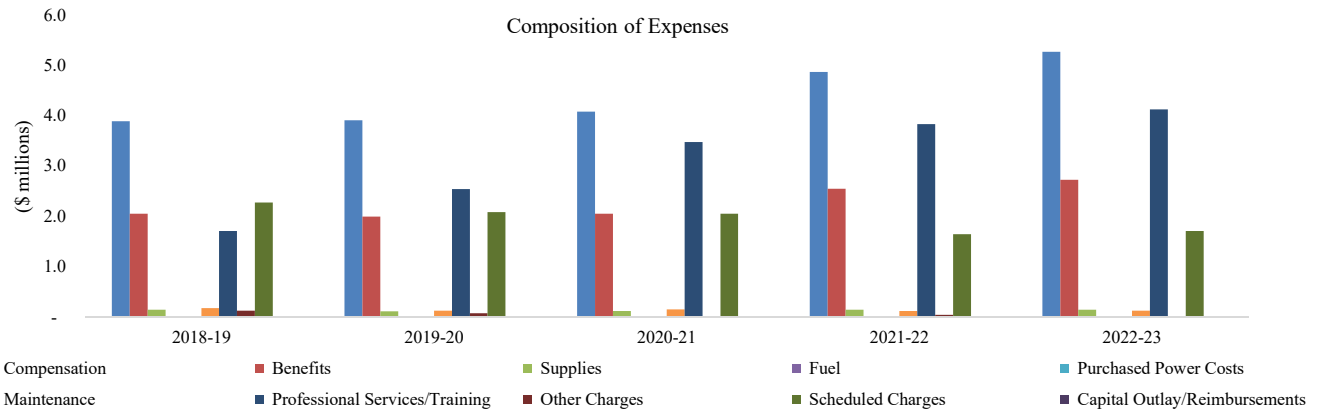
DISTRIBUTION

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY FUNCTION	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Distribution Supervision & Eng.	\$ 743,090	799,556	716,357	620,662	676,914	56,253	9.1
Underground Lines	2,471,896	3,337,097	2,838,693	3,210,133	3,397,762	187,630	5.8
Overhead Lines	2,681,800	2,895,954	2,840,544	2,893,148	3,358,214	465,065	16.1
Distribution Load Dispatching	1,003,083	1,347,521	1,623,526	2,114,791	2,294,550	179,758	8.5
Distribution Customer Svc.	3,493,801	3,747,163	3,484,023	3,611,923	3,705,207	93,285	2.6
Geographic Information Systems	509,057	834,680	749,242	912,937	975,197	62,260	6.8
Distribution Substations	991,866	959,045	1,545,367	1,671,659	2,679,061	1,007,402	60.3
Distribution Eng. & Constr. Mgmt.	424,772	484,916	478,002	499,235	526,988	27,753	5.6
Distribution Meter Shop	704,990	734,186	781,187	745,762	788,120	42,358	5.7
Distribution Street Lights	1,193,477	1,420,854	1,537,279	1,744,160	1,934,052	189,892	10.9
TOTAL DISTRIBUTION	\$ 14,217,833	16,560,972	16,594,220	18,024,410	20,336,065	2,311,655	12.8

TRANSMISSION

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY FUNCTION	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Transmission Supervision & Eng.	\$ 1,098,982	1,752,995	1,777,982	1,109,232	1,204,480	95,248	8.6
Transmission Overhead Lines	48,430	151,327	265,890	1,277,804	1,427,829	150,025	11.7
Transmission Load Dispatching	602,376	849,471	1,168,672	1,720,924	1,915,920	194,996	11.3
Transmission Substation	451,351	307,651	456,497	490,776	669,762	178,987	36.5
TOTAL TRANSMISSION	\$ 2,201,139	3,061,445	3,669,040	4,598,737	5,217,992	619,256	13.5

Lubbock Power & Light - Customer Service



	Actual	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 3,940,186	3,886,617	3,907,652	4,081,424	4,869,813	5,267,859	398,046	8.2
Benefits	1,996,421	2,053,693	1,994,512	2,053,089	2,547,541	2,725,134	177,593	7.0
Supplies	176,353	140,634	114,825	118,833	143,398	141,620	(1,778)	(1.2)
Fuel	-	-	-	-	-	-	-	-
Purchased Power Costs	-	-	-	-	-	-	-	-
Maintenance	105,582	173,269	121,802	152,596	116,396	127,411	11,015	9.5
Professional Services/Training	2,178,835	1,707,998	2,540,047	3,477,931	3,828,520	4,121,242	292,722	7.6
Other Charges	169,055	126,114	75,804	7,457	40,586	13,705	(26,881)	(66.2)
Scheduled Charges	2,238,849	2,273,355	2,083,180	2,051,335	1,641,207	1,707,586	66,379	4.0
Capital Outlay/Reimbursements	-	-	-	-	-	-	-	-
TOTAL EXPENSES BY CATEGORY	\$ 10,805,280	10,361,679	10,837,821	11,942,664	13,187,461	14,104,556	917,095	7.0

CUSTOMER SERVICE	Actual	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY FUNCTION	FY 2017-18	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Field Services	\$ 998,644	1,303,892	1,256,121	1,923,777	2,192,776	2,340,596	147,820	6.7
Meter Reading	1,519,307	1,197,415	1,035,893	-	-	-	-	-
Customer Information Systems	1,864,824	3,737,656	4,386,363	5,349,458	5,372,611	5,771,673	399,062	7.4
Payment Processing	2,890,870	-	-	-	-	-	-	-
Customer Service	2,724,671	2,924,972	2,867,838	3,322,494	3,924,007	4,070,578	146,571	3.7
Collections	806,964	1,197,744	1,291,607	1,346,935	1,698,067	1,921,710	223,643	13.2
TOTAL CUSTOMER SERVICE	\$ 10,805,280	10,361,679	10,837,821	11,942,664	13,187,461	14,104,556	917,095	7.0

*This page excludes the reimbursements from the Other City Utilities, which is shown on the Department Overview summary.

Lubbock Power & Light - Department Expenses

Administration

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 1,559,349	1,608,610	1,629,142	1,750,525	1,827,199	76,674	4.4
Benefits	508,725	540,176	554,285	625,130	663,320	38,190	6.1
Supplies	29,231	28,438	20,197	29,986	25,057	(4,929)	(16.4)
Maintenance	37,034	40,681	12,887	28,160	28,267	107	0.4
Professional Services/Training	694,835	404,747	462,089	347,551	350,371	2,820	0.8
Other Charges	7,050	9,772	7,103	10,300	10,300	-	-
Scheduled Charges	268,768	253,063	353,023	370,430	412,608	42,179	11.4
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL ADMINISTRATION	\$ 3,104,992	2,885,487	3,038,725	3,162,082	3,317,123	155,041	4.9

Regulatory Compliance

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 257,273	274,900	218,753	239,199	251,463	12,265	5.1
Benefits	86,045	88,121	91,118	90,893	96,469	5,576	6.1
Supplies	7,948	7,050	4,293	8,806	8,952	146	1.7
Maintenance	10,660	9,432	1,750	2,325	2,350	25	1.1
Professional Services/Training	214,641	317,099	324,833	465,091	443,708	(21,383)	(4.6)
Other Charges	487	181	229	5,580	5,580	0	0.0
Scheduled Charges	39,124	37,983	54,202	54,638	54,693	55	0.1
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL REGULATORY COMPLIANCE	\$ 616,177	\$ 734,767	\$ 695,177	\$ 866,532	\$ 863,215	(3,316)	(0.4)

Legal

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 322,459	404,118	291,775	326,108	332,483	6,375	2.0
Benefits	91,785	125,567	101,275	111,576	116,650	5,074	4.5
Supplies	1,026	1,697	1,841	3,080	3,080	-	-
Maintenance	-	-	-	-	-	-	-
Professional Services/Training	534,758	1,181,205	1,109,744	1,020,610	1,020,610	-	-
Other Charges	1,610	1,323	1,857	1,000	1,000	-	-
Scheduled Charges	15,908	14,585	25,647	31,973	31,559	(414)	(1.3)
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL LEGAL	\$ 967,547	1,728,495	1,532,139	1,494,347	1,505,382	11,035	0.7

Conservation And Education

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 40,509	41,612	87,658	188,689	208,752	20,062	10.6
Benefits	14,204	14,466	14,856	72,220	81,028	8,808	12.2
Supplies	350	720	2,378	818	1,007	189	23.1
Maintenance	-	-	-	250	250	-	-
Professional Services/Training	268,351	220,435	251,210	327,435	342,435	15,000	4.6
Other Charges	-	-	-	5,000	5,000	-	-
Scheduled Charges	3,903	3,300	3,599	3,574	5,561	1,987	55.6
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL CONSERVATION AND EDUCATION	\$ 327,316	280,533	359,702	597,986	644,033	46,047	7.7

Production Operations

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 592,410	571,979	466,785	512,613	355,585	(157,027)	(30.6)
Benefits	202,352	208,321	171,644	186,536	132,475	(54,061)	(29.0)
Supplies	6,580	10,294	2,808	5,512	5,000	(512)	(9.3)
Maintenance	2,062	6,415	11,871	3,010	3,117	107	3.5
Professional Services/Training	62,138	91,758	87,210	76,400	76,400	-	-
Other Charges	1,484	3,282	5,084	8,141	6,641	(1,500)	(18.4)
Scheduled Charges	93,951	12,166	48,138	53,551	57,412	3,861	7.2
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL PRODUCTION OPERATIONS	\$ 960,977	904,216	793,540	845,763	636,631	(209,132)	(24.7)

Purchased Power

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ -	-	-	-	-	-	-
Benefits	-	-	-	-	-	-	-
Supplies	-	-	8,670,306	-	-	-	-
Fuel	1,154,724	1,203,657	19,951,275	-	-	-	-
Purchased Power Costs	126,965,690	124,666,220	156,070,208	184,927,918	213,611,110	28,683,192	15.5
Maintenance	-	-	-	-	-	-	-
Professional Services/Training	-	-	5,890	-	-	-	-
Other Charges	-	-	-	-	-	-	-
Scheduled Charges	-	-	-	-	-	-	-
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL PURCHASED POWER	\$ 128,120,414	125,869,876	184,697,679	184,927,918	213,611,110	28,683,192	15.5

Production Cooke Station

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 72,707	141,707	88,615	157,154	90,725	(66,429)	(42.3)
Benefits	30,355	54,162	31,404	59,410	35,179	(24,231)	(40.8)
Supplies	24,975	26,712	15,483	19,102	23,444	4,342	22.7
Fuel	-	-	-	134,922	180,401	45,479	33.7
Maintenance	49,631	35,506	78,035	54,959	55,167	208	0.4
Professional Services/Training	84,340	49,867	10,512	45,650	45,650	-	-
Other Charges	1,828	479	799	1,500	1,500	-	-
Scheduled Charges	169,661	247,790	451,599	876,186	1,754,345	878,159	100.2
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL PRODUCTION COOKE STATION	\$ 433,495	556,222	676,448	1,348,882	2,186,410	837,528	62.1

Production Brandon Station

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 328,652	139,206	132,373	296,234	291,579	(4,656)	(1.6)
Benefits	120,851	76,556	49,815	108,566	110,795	2,229	2.1
Supplies	23,624	15,137	27,705	22,132	19,400	(2,732)	(12.3)
Fuel	48,712	-	-	674,608	902,005	227,397	33.7
Maintenance	94,962	158,617	41,713	88,640	86,350	(2,290)	(2.6)
Professional Services/Training	21,759	7,689	411,860	45,400	45,400	-	-
Other Charges	969	68	8,345	2,500	2,500	-	-
Scheduled Charges	231,270	171,544	293,628	384,725	860,236	475,511	123.6
Capital Outlay/Reimbursements	-	-	68,428	-	-	-	-
TOTAL PRODUCTION BRANDON STATION	\$ 870,799	568,816	1,033,866	1,622,805	2,318,264	695,460	42.9

Production Massengale Station

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 1,890,532	1,806,186	1,753,996	2,001,194	2,081,110	79,916	4.0
Benefits	680,198	633,400	643,689	739,131	824,299	85,167	11.5
Supplies	200,701	123,557	122,774	143,625	127,458	(16,167)	(11.3)
Fuel	1,099,843	-	-	2,665,850	4,257,593	1,591,743	59.7
Maintenance	138,919	151,449	184,200	162,562	141,450	(21,112)	(13.0)
Professional Services/Training	293,772	157,039	105,747	228,620	228,620	-	-
Other Charges	8,489	6,868	4,710	5,600	5,600	-	-
Scheduled Charges	826,243	413,459	760,032	1,581,698	2,417,432	835,734	52.8
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL PRODUCTION MASSENGALE STATION	\$ 5,138,697	3,291,958	3,575,148	7,528,281	10,083,561	2,555,280	33.9

Reg Market Admin & Compliance

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ -	-	-	-	-	-	-
Benefits	-	-	-	-	-	-	-
Supplies	-	-	-	-	-	-	-
Maintenance	-	-	-	-	-	-	-
Professional Services/Training	209,991	13,939	-	-	-	-	-
Other Charges	-	-	-	-	-	-	-
Scheduled Charges	-	-	-	-	-	-	-
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL REG MARKET ADMIN & COMPLIANCE	\$ 209,991	13,939	-	-	-	-	-

Distribution Supervision & Eng.

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 265,899	381,342	378,834	290,792	302,438	11,647	4.0
Benefits	145,638	152,633	147,158	120,925	127,131	6,206	5.1
Supplies	34,558	21,501	14,299	18,523	19,972	1,449	7.8
Maintenance	19,303	13,126	9,857	16,799	10,400	(6,399)	(38.1)
Professional Services/Training	40,206	35,894	52,401	49,635	45,585	(4,050)	(8.2)
Other Charges	25,773	7,078	16,987	8,400	7,545	(855)	(10.2)
Scheduled Charges	211,713	187,982	96,820	115,588	163,843	48,255	41.7
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL DISTRIBUTION SUPERVISION & ENG.	\$ 743,090	799,556	716,357	620,662	676,914	56,253	9.1

Underground Lines

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 985,855	1,451,225	1,260,335	1,459,703	1,531,678	71,975	4.9
Benefits	394,465	508,863	501,062	592,767	622,379	29,612	5.0
Supplies	215,873	308,731	255,192	314,840	344,348	29,508	9.4
Maintenance	522,738	866,266	599,579	569,225	575,662	6,437	1.1
Professional Services/Training	51,336	45,050	33,689	68,030	78,915	10,885	16.0
Other Charges	92,891	9,226	3,087	2,500	2,500	-	-
Scheduled Charges	168,159	137,595	185,749	203,067	242,281	39,213	19.3
Capital Outlay/Reimbursements	40,579	10,141	-	-	-	-	-
TOTAL UNDERGROUND LINES	\$ 2,471,896	3,337,097	2,838,693	3,210,133	3,397,762	187,630	5.8

Overhead Lines

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 980,547	974,897	913,513	1,114,179	1,175,475	61,296	5.5
Benefits	387,325	368,623	369,891	463,350	494,516	31,166	6.7
Supplies	227,088	303,517	266,797	304,844	438,043	133,199	43.7
Maintenance	920,968	1,054,902	922,699	698,499	880,913	182,414	26.1
Professional Services/Training	58,869	85,210	59,163	117,446	136,131	18,685	15.9
Other Charges	11,462	2,805	116,465	500	500	-	-
Scheduled Charges	90,344	95,859	192,015	194,331	232,636	38,306	19.7
Capital Outlay/Reimbursements	5,196	10,141	-	-	-	-	-
TOTAL OVERHEAD LINES	\$ 2,681,800	2,895,954	2,840,544	2,893,148	3,358,214	465,065	16.1

Distribution Load Dispatching

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 625,001	713,435	809,967	923,272	1,030,247	106,975	11.6
Benefits	213,918	245,002	271,323	322,094	375,701	53,607	16.6
Supplies	6,840	6,908	8,540	10,099	9,457	(642)	(6.4)
Maintenance	10,250	10,401	10,751	12,591	12,959	368	2.9
Professional Services/Training	82,043	280,113	404,949	748,550	748,550	-	-
Other Charges	898	2,737	9,394	14,600	11,400	(3,200)	(21.9)
Scheduled Charges	64,133	88,925	108,603	83,586	106,236	22,651	27.1
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL DISTRIBUTION LOAD DISPATCHING	\$ 1,003,083	1,347,521	1,623,526	2,114,791	2,294,550	179,758	8.5

Distribution Customer Svc.

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 1,071,635	1,261,210	1,206,192	1,292,766	1,320,119	27,353	2.1
Benefits	392,667	441,896	424,612	462,412	482,981	20,569	4.4
Supplies	139,919	133,494	124,465	166,543	177,457	10,914	6.6
Maintenance	294,489	291,550	251,612	257,570	267,810	10,240	4.0
Professional Services/Training	25,628	26,129	22,401	18,500	18,500	-	-
Other Charges	1,211,838	1,217,897	1,167,017	1,201,300	1,200,600	(700)	(0.1)
Scheduled Charges	357,624	374,986	287,725	212,832	237,740	24,908	11.7
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL DISTRIBUTION CUSTOMER SVC.	\$ 3,493,801	3,747,163	3,484,023	3,611,923	3,705,207	93,285	2.6

Geographic Information Systems

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 344,551	461,372	449,140	498,960	540,430	41,470	8.3
Benefits	118,146	189,454	183,606	204,160	221,229	17,069	8.4
Supplies	12,439	11,673	13,922	12,941	12,785	(156)	(1.2)
Maintenance	470	5,733	2,066	2,000	2,000	-	-
Professional Services/Training	28,130	9,427	16,232	154,941	159,639	4,698	3.0
Other Charges	4,829	145,776	66,833	22,829	9,465	(13,364)	(58.5)
Scheduled Charges	491	11,246	17,443	17,106	29,649	12,543	73.3
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL GEOGRAPHIC INFORMATION SYSTEMS	\$ 509,057	834,680	749,242	912,937	975,197	62,260	6.8

Distribution Substations

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 355,432	290,275	429,014	393,202	425,725	32,523	8.3
Benefits	109,700	107,870	128,789	156,888	172,526	15,637	10.0
Supplies	89,465	99,828	69,592	112,179	108,642	(3,537)	(3.2)
Maintenance	139,923	68,981	54,443	95,899	82,460	(13,439)	(14.0)
Professional Services/Training	73,803	49,799	298,755	37,726	69,231	31,505	83.5
Other Charges	457	2,792	7,713	1,000	1,000	-	-
Scheduled Charges	223,086	259,576	534,713	874,765	1,726,977	852,212	97.4
Capital Outlay/Reimbursements	-	79,924	22,350	-	92,500	92,500	-
TOTAL DISTRIBUTION SUBSTATIONS	\$ 991,866	959,045	1,545,367	1,671,659	2,679,061	1,007,402	60.3

Distribution Eng. & Constr. Mgmt.

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 276,615	228,280	263,591	214,636	220,909	6,272	2.9
Benefits	94,087	95,853	97,659	92,765	96,036	3,270	3.5
Supplies	16,062	17,798	16,876	25,063	24,565	(498)	(2.0)
Maintenance	7,291	23,026	6,713	9,000	9,000	-	-
Professional Services/Training	20,468	91,853	60,214	130,508	134,119	3,611	2.8
Other Charges	9,556	10,402	3,745	-	2,380	2,380	-
Scheduled Charges	692	17,705	29,203	27,263	39,980	12,717	46.6
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL DISTRIBUTION ENG. & CONSTR. MGMT.	\$ 424,772	484,916	478,002	499,235	526,988	27,753	5.6

Distribution Meter Shop

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 428,510	442,376	482,967	410,327	433,732	23,405	5.7
Benefits	173,689	163,989	173,239	159,400	170,870	11,470	7.2
Supplies	23,896	29,946	36,410	31,545	35,662	4,117	13.0
Maintenance	31,300	39,811	31,230	24,099	24,300	201	0.8
Professional Services/Training	5,379	4,347	2,973	31,707	54,762	23,055	72.7
Other Charges	666	9,191	3,555	1,900	1,900	-	-
Scheduled Charges	41,549	44,526	50,814	64,783	66,893	2,110	3.3
Capital Outlay/Reimbursements	-	-	-	22,000	-	(22,000)	(100.0)
TOTAL DISTRIBUTION METER SHOP	\$ 704,990	734,186	781,187	745,762	788,120	42,358	5.7

Distribution Street Lights

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 486,005	485,393	575,142	842,749	862,887	20,138	2.4
Benefits	188,792	188,554	226,190	352,161	367,737	15,576	4.4
Supplies	42,222	42,491	62,441	61,766	71,909	10,143	16.4
Maintenance	453,033	682,723	621,184	434,587	560,584	125,997	29.0
Professional Services/Training	4,355	5,559	10,023	12,072	16,393	4,321	35.8
Other Charges	-	6,057	435	-	-	-	-
Scheduled Charges	19,069	10,078	41,863	40,826	54,543	13,717	33.6
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL DISTRIBUTION STREET LIGHTS	\$ 1,193,477	1,420,854	1,537,279	1,744,160	1,934,052	189,892	10.9

Transmission Supervision & Eng.

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 411,577	406,499	409,945	382,229	456,157	73,929	19.3
Benefits	154,669	157,550	148,340	144,200	164,622	20,422	14.2
Supplies	4,654	5,933	5,388	7,882	7,590	(292)	(3.7)
Maintenance	1,303	7,913	2,607	1,200	3,500	2,300	191.7
Professional Services/Training	517,075	1,155,691	1,140,994	508,609	500,239	(8,370)	(1.6)
Other Charges	2,884	657	1,806	-	545	545	-
Scheduled Charges	6,820	18,753	68,903	65,112	71,827	6,715	10.3
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL TRANSMISSION SUPERVISION & ENG.	\$ 1,098,982	1,752,995	1,777,982	1,109,232	1,204,480	95,248	8.6

Transmission Overhead Lines

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 3,939	60,869	137,330	669,844	751,924	82,079	12.3
Benefits	1,511	21,876	44,171	264,678	302,873	38,195	14.4
Supplies	24,991	47,807	29,942	183,982	122,687	(61,295)	(33.3)
Maintenance	5,426	1,463	1,439	40,000	100,642	60,642	151.6
Professional Services/Training	12,150	19,312	50,992	75,000	86,555	11,555	15.4
Other Charges	412	1	1,748	42,500	-	(42,500)	(100.0)
Scheduled Charges	-	-	268	1,800	63,149	61,349	3,408.3
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL TRANSMISSION OVERHEAD LINES	\$ 48,430	151,327	265,890	1,277,804	1,427,829	150,025	11.7

Transmission Load Dispatching

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 395,696	427,523	447,729	639,744	788,078	148,335	23.2
Benefits	143,426	147,962	145,657	230,204	286,562	56,358	24.5
Supplies	-	12	46	1,000	200	(800)	(80.0)
Maintenance	19,636	657	7,604	10,000	10,000	-	-
Professional Services/Training	39,224	259,416	561,597	795,150	816,250	21,100	2.7
Other Charges	23	13,506	6,038	1,500	5,500	4,000	266.7
Scheduled Charges	4,371	395	-	43,327	9,330	(33,996)	(78.5)
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL TRANSMISSION LOAD DISPATCHING	\$ 602,376	849,471	1,168,672	1,720,924	1,915,920	194,996	11.3

Transmission Substation

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 238,611	152,568	240,880	287,600	319,684	32,085	11.2
Benefits	89,358	57,750	89,805	112,836	127,488	14,652	13.0
Supplies	30,141	31,077	50,354	21,200	30,750	9,550	45.0
Maintenance	40,297	28,005	52,346	31,500	40,000	8,500	27.0
Professional Services/Training	13,990	30,996	16,718	37,390	59,340	21,950	58.7
Other Charges	4,316	1,519	5,975	250	-	(250)	(100.0)
Scheduled Charges	331	494	418	-	-	-	-
Capital Outlay/Reimbursements	34,307	5,243	-	-	92,500	92,500	-
TOTAL TRANSMISSION SUBSTATION	\$ 451,351	307,651	456,497	490,776	669,762	178,987	36.5

Field Services

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 664,646	653,693	973,203	1,139,658	1,252,628	112,970	9.9
Benefits	351,264	319,636	537,553	615,812	655,530	39,718	6.4
Supplies	33,219	30,348	94,480	117,913	116,757	(1,156)	(1.0)
Maintenance	89,131	54,885	132,180	106,354	117,369	11,015	10.4
Professional Services/Training	5,947	2,345	10,996	9,270	6,000	(3,270)	(35.3)
Other Charges	2,151	23,851	2,526	9,861	2,000	(7,861)	(79.7)
Scheduled Charges	157,534	171,362	172,839	193,907	190,311	(3,596)	(1.9)
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL FIELD SERVICES	\$ 1,303,892	1,256,121	1,923,777	2,192,776	2,340,596	147,820	6.7

Meter Reading

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 612,915	430,341	-	-	-	-	-
Benefits	340,075	287,554	-	-	-	-	-
Supplies	84,793	64,663	-	-	-	-	-
Maintenance	70,436	51,691	-	-	-	-	-
Professional Services/Training	3,083	13,747	-	-	-	-	-
Other Charges	17,333	1,872	-	-	-	-	-
Scheduled Charges	68,781	186,025	-	-	-	-	-
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL METER READING	\$ 1,197,415	1,035,893	-	-	-	-	-

Customer Information Systems

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 350,848	401,707	431,494	555,221	609,550	54,330	9.8
Benefits	149,183	158,146	183,049	250,233	262,872	12,638	5.1
Supplies	2,178	1,943	2,558	2,893	3,082	189	6.5
Maintenance	-	1,000	4,312	9,542	9,542	-	-
Professional Services/Training	1,536,037	2,374,797	3,355,056	3,640,092	3,939,112	299,020	8.2
Other Charges	103,905	40,901	3,204	2,705	2,705	-	-
Scheduled Charges	1,595,506	1,407,870	1,369,786	911,925	944,810	32,885	3.6
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL CUSTOMER INFORMATION SYSTEMS	\$ 3,737,656	4,386,363	5,349,458	5,372,611	5,771,673	399,062	7.4

Customer Service

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 1,615,798	1,665,633	1,902,957	2,223,428	2,301,343	77,915	3.5
Benefits	889,400	879,413	951,085	1,195,548	1,258,438	62,890	5.3
Supplies	13,389	14,416	18,364	16,468	16,657	189	1.1
Maintenance	13,611	14,093	16,104	-	-	-	-
Professional Services/Training	14,439	15,846	18,456	20,658	27,630	6,972	33.7
Other Charges	1,551	1,126	1,487	24,120	7,000	(17,120)	(71.0)
Scheduled Charges	376,784	277,310	414,042	443,785	459,510	15,725	3.5
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL CUSTOMER SERVICE	\$ 2,924,972	2,867,838	3,322,494	3,924,007	4,070,578	146,571	3.7

Collections

	Actual	Actual	Actual	Amended	Budget	\$ Change	% Change
EXPENSES BY CATEGORY	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	from Amended	from Amended
Compensation	\$ 642,411	756,278	773,770	951,506	1,104,338	152,831	16.1
Benefits	323,771	349,763	381,403	485,947	548,293	62,347	12.8
Supplies	7,055	3,455	3,431	6,124	5,124	(1,000)	(16.3)
Maintenance	90	133	-	500	500	-	-
Professional Services/Training	148,492	133,313	93,423	158,500	148,500	(10,000)	(6.3)
Other Charges	1,174	8,053	241	3,900	2,000	(1,900)	(48.7)
Scheduled Charges	74,751	40,613	94,668	91,590	112,955	21,365	23.3
Capital Outlay/Reimbursements	-	-	-	-	-	-	-
TOTAL COLLECTIONS	\$ 1,197,744	1,291,607	1,346,935	1,698,067	1,921,710	223,643	13.2



Lubbock Power and Light Utility

Appropriation Summary

	Project Name	Appropriation to Date	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	Total Appropriation
CAPACITY UPGRADES									
92680	Substation Capacity Upgrade - Northeast	\$ 7,505,000	-	-	-	-	-	-	7,505,000
92727	Substation Capacity Upgrade - Co-op	7,070,000	-	-	-	-	-	-	7,070,000
92728	Substation Capacity Upgrade - Thompson	4,740,000	-	-	-	-	2,765,000	6,970,000	14,475,000
92729	Substation Capacity Upgrade - Vicksburg	12,417,891	-	-	-	-	-	-	12,417,891
92731	Yellowhouse Substation Capacity upgrade	4,657,891	2,950,000	-	-	-	-	-	7,607,891
92732	McDonald Substation Capacity upgrade	5,257,890	2,950,000	-	-	-	-	-	8,207,890
2012098	Substation Capacity Upgrade - Erskine	-	-	730,000	2,540,000	5,570,000	-	-	8,840,000
2015029	Substation Capacity Upgrade - Mackenzie	-	-	-	-	-	815,000	2,830,000	3,645,000
2022300	Substation Capacity Upgrade - McCullough	-	-	-	-	450,000	2,165,000	5,385,000	8,000,000
SUBSTATION PROJECTS									
92380	Feeder Circuits - Northwest	1,184,200	-	310,000	329,000	-	-	-	1,823,200
92484	Substation Upgrades	5,350,000	-	700,000	728,000	755,000	785,000	820,000	9,138,000
TRANSMISSION PROJECTS									
92331	Fiberoptic Communications	2,440,000	250,000	275,000	278,500	285,000	290,000	290,000	4,108,500
92681	ERCOT Conversion Work	297,639	-	-	-	-	-	-	297,639
92710	Fiddlwood to Farmland 345kV Transmission Line	5,000,000	-	-	-	-	-	-	5,000,000
2019116	115kV Line Rebuild - Coop to McCullough	-	-	-	-	-	800,000	13,645,000	14,445,000
2019117	115kV Line Rebuild - McDonald to Northwest	-	-	-	-	-	4,365,000	4,365,000	8,730,000
2019118	69/115kV Line Rebuild: Brandon-Red Raider	-	-	-	-	1,140,000	4,260,000	4,260,000	9,660,000
2019119	69/115kV Line Rebuild: Brandon-Erskine	-	-	-	1,115,000	5,160,000	5,270,000	-	11,545,000
DISTRIBUTION PROJECTS									
8626	Distribution Planning	338,000	-	-	-	-	-	-	338,000
92586	Dunbar-Manhattan Heights Underground Conversion	210,000	-	-	-	-	-	-	210,000
92606	South Plains Mall Expansion	835,000	-	-	-	-	-	-	835,000
92608	Red Raider Substation Distribution Feeders	4,915,000	-	-	-	-	-	-	4,915,000
92693	Distribution System Upgrade-Improvements-Expansion	16,554,565	-	-	-	-	-	-	16,554,565
92695	Downtown Facility Upgrades	2,375,000	-	915,000	-	-	-	-	3,290,000
92730	Cooke Facility Remodel	205,000	-	-	-	-	1,300,000	-	1,505,000
92788	4kV Distribution Conversion	-	1,654,273	1,090,000	1,115,000	1,140,000	1,165,000	1,165,000	7,329,273
2021070	Overhead/Underground Training Facility	-	-	110,000	290,000	-	-	-	400,000
2021071	Distribution Equipment SCADA integration	-	-	-	-	-	500,000	750,000	1,250,000
ANNUAL PROJECTS									
92683	FY 2020-23 Service Distribution Meters	621,000	412,500	510,000	500,000	500,000	500,000	500,000	3,543,500
92684	FY 2020-23 Distribution Transformers	6,900,000	4,425,000	3,000,000	3,150,000	3,250,000	3,550,000	3,700,000	27,975,000
92685	FY 2020-23 Distribution System Upgrade	7,275,000	2,275,000	3,000,000	3,280,000	2,655,000	2,150,000	2,150,000	22,785,000
92686	FY 2020-23 Overhead Lines	4,848,000	3,997,500	2,935,000	3,200,000	3,520,000	3,670,000	3,870,000	26,040,500
92687	FY 2020-23 Street Lights	1,634,600	847,500	585,000	600,000	620,000	640,000	640,000	5,567,100
92688	FY 2020-23 Underground Distribution	5,842,000	4,575,000	3,000,000	3,150,000	3,250,000	3,430,000	3,430,000	26,677,000

Lubbock Power and Light Utility

Appropriation Summary

	Project Name	Appropriation to Date	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	Total Appropriation
	DISPATCH/GIS/SCADA								
8625	Field Asset Inventory & Data Verification	\$ 2,350,862	-	-	-	-	-	-	2,350,862
92537	GIS Software Upgrades and Interfaces	2,185,000	250,000	-	-	-	-	-	2,435,000
92605	Operations System Upgrades	1,115,000	-	-	-	-	-	-	1,115,000
92634	LP&L - GIS Office Renovations	1,115,000	-	-	-	-	-	-	1,115,000
	Production								
92736	Cooke Station Gas Turbine #2 (GT2) and Gas Turbine #3 (GT3) Control System Replacement	1,442,000	-	-	-	-	-	-	1,442,000
92755	Massengale Station Gas Turbine #8 Repairs	7,750,000	-	-	-	-	-	-	7,750,000
	OTHER								
92689	ERCOT Transmission/Distribution Service Provider System	8,696,137	15,185,000	-	-	-	-	-	23,881,137
92690	East Broadway Series Street Light Conversion	720,000	-	-	-	-	-	-	720,000
92733	DNV-GL Cascade Upgrades	250,000	-	-	-	-	-	-	250,000
92734	Additional COLU Phone Lines	202,246	168,000	-	-	-	-	-	370,246
92735	FY 2021-22 Vehicles and Equipment	2,625,000	-	-	-	-	-	-	2,625,000
92789	NERC Critical Infrastructure Protection Security for Substation	-	350,000	400,000	-	-	-	-	750,000
92790	Security upgrade for Hill building	-	110,000	-	-	-	-	-	110,000
92791	USCS Expansion	-	138,000	-	-	-	-	-	138,000
92792	FY 2022-23 Vehicles and Equipment	-	1,715,000	1,765,000	1,815,000	1,865,000	1,915,000	1,965,000	11,040,000
2020016	Substation Building	-	-	-	-	1,335,000	-	-	1,335,000
2020029	Street Light LED Conversion	-	-	-	-	1,140,000	1,165,000	1,165,000	3,470,000
2022305	Cafeteria Remodel	-	-	-	-	-	385,000	-	385,000
Total	Lubbock Power and Light Utility	\$ 136,924,921	42,252,773	19,325,000	22,090,500	32,635,000	41,885,000	57,900,000	353,013,194

Lubbock Power and Light

FERC Category Summary

FERC Category	Appropriation to Date	2022-23	Unappropriated Planning Years					Total Appropriation
			2023-24	2024-25	2025-26	2026-27	2027-28	
Regional/General	\$ 12,493,383	17,068,000	1,765,000	1,815,000	3,005,000	3,080,000	3,130,000	42,356,383
Distribution	100,386,037	24,684,773	16,830,000	18,344,000	22,525,000	23,235,000	31,680,000	237,684,810
Production	9,192,000	-	-	-	-	-	-	9,192,000
T&D	6,765,862	250,000	-	-	-	-	-	7,015,862
Transmission	8,087,639	250,000	975,000	2,121,500	7,340,000	15,770,000	23,090,000	57,634,139
	\$ 136,924,921	42,252,773	19,570,000	22,280,500	32,870,000	42,085,000	57,900,000	353,883,194

Lubbock Power and Light

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding	
		2022-23	2023-24	2024-25	2025-26	2026-27	2027-28		
PAY-AS-YOU-GO									
FY 2014 LP&L Pay-As-You-Go	\$ 250,000	-	-	-	-	-	-	250,000	
FY 2016 LP&L Pay-As-You-Go	204,200	-	-	-	-	-	-	204,200	
FY 2017 LP&L Pay-As-You-Go	-	777,811	-	-	-	-	-	777,811	
FY 2018 LP&L Pay-As-You-Go	335,000	1,114,918	-	-	-	-	-	1,449,918	
FY 2019 LP&L Pay-As-You-Go	2,768,099	13,166	-	-	-	-	-	2,781,265	
FY 2020 LP&L Pay-As-You-Go	1,453,916	523,553	-	-	-	-	-	1,977,469	
FY 2021 LP&L Pay-As-You-Go	15,756,100	107,144	-	-	-	-	-	15,863,244	
FY 2022 LP&L Pay-As-You-Go	26,669,731	-	-	-	-	-	-	26,669,731	
FY 2023 LP&L Pay-As-You-Go	-	16,726,908	-	-	-	-	-	16,726,908	
FY 2024 LP&L Pay-As-You-Go	-	-	15,305,000	-	-	-	-	15,305,000	
FY 2025 LP&L Pay-As-You-Go	-	-	-	15,985,000	-	-	-	15,985,000	
FY 2026 LP&L Pay-As-You-Go	-	-	-	-	18,135,000	-	-	18,135,000	
FY 2027 LP&L Pay-As-You-Go	-	-	-	-	-	18,705,000	-	18,705,000	
FY 2028 LP&L Pay-As-You-Go	-	-	-	-	-	-	17,420,000	17,420,000	
Total Pay-As-You-Go	\$ 47,437,046	19,263,500	15,305,000	15,985,000	18,135,000	18,705,000	17,420,000	152,250,546	
		102,276,908	216,958,273	47.1%					

10-YEAR LP&L REVENUE BONDS								
FY 2014 10-Year LP&L Revenue Bonds	\$ 612	-	-	-	-	-	-	612
FY 2016 10-Year LP&L Revenue Bonds	250	-	-	-	-	-	-	250
FY 2018 10-Year LP&L Revenue Bonds	4,065,000	-	-	-	-	-	-	4,065,000
Total 10-Year LP&L Revenue Bonds	\$ 4,065,862	-	-	-	-	-	-	4,065,862

Lubbock Power and Light

Funding Summary

Funding Source	Funding to Date	Unappropriated Planning Years						Total Funding	
		2022-23	2023-24	2024-25	2025-26	2026-27	2027-28		
20-YEAR LP&L REVENUE BONDS									
FY 2014 20-Year LP&L Revenue Bonds	\$ 248,289	-	-	-	-	-	-	248,289	
FY 2015 20-Year LP&L Revenue Bonds	200,000	-	-	-	-	-	-	200,000	
FY 2016 20-Year LP&L Revenue Bonds	304,222	-	-	-	-	-	-	304,222	
FY 2017 20-Year LP&L Revenue Bonds	16,449	-	-	-	-	-	-	16,449	
FY 2018 20-Year LP&L Revenue Bonds	965,225	-	-	-	-	-	-	965,225	
FY 2021 20-Year LP&L Revenue Bonds	18,011,137	-	-	-	-	-	-	18,011,137	
FY 2022 20-Year LP&L Revenue Bonds	33,362,489	16,839,273	-	-	-	-	-	50,201,762	
FY 2024 20-Year LP&L Revenue Bonds	-	-	3,045,000	-	-	-	-	3,045,000	
FY 2025 20-Year LP&L Revenue Bonds	-	-	-	3,984,000	-	-	-	3,984,000	
FY 2026 20-Year LP&L Revenue Bonds	-	-	-	-	7,160,000	-	-	7,160,000	
FY 2027 20-Year LP&L Revenue Bonds	-	-	-	-	-	7,410,000	-	7,410,000	
FY 2028 20-Year LP&L Revenue Bonds	-	-	-	-	-	-	17,100,000	17,100,000	
Total 20-Year LP&L Revenue Bonds	\$ 53,107,811	16,839,273	3,045,000	3,984,000	7,160,000	7,410,000	17,100,000	108,646,084	
30-YEAR LP&L REVENUE BONDS									
FY 2017 30-Year LP&L Revenue Bonds	\$ 1,439,128	-	-	-	-	-	-	1,439,128	
FY 2018 30-Year LP&L Revenue Bonds	2,074,632	-	-	-	-	-	-	2,074,632	
FY 2021 30-Year LP&L Revenue Bonds	25,152,204	-	-	-	-	-	-	25,152,204	
FY 2022 30-Year LP&L Revenue Bonds	3,648,238	6,150,000	-	-	-	-	-	9,798,238	
FY 2024 30-Year LP&L Revenue Bonds	-	-	975,000	-	-	-	-	975,000	
FY 2025 30-Year LP&L Revenue Bonds	-	-	-	2,121,500	-	-	-	2,121,500	
FY 2026 30-Year LP&L Revenue Bonds	-	-	-	-	7,340,000	-	-	7,340,000	
FY 2027 30-Year LP&L Revenue Bonds	-	-	-	-	-	15,770,000	-	15,770,000	
FY 2028 30-Year LP&L Revenue Bonds	-	-	-	-	-	-	23,380,000	23,380,000	
Total 30-Year LP&L Revenue Bonds	\$ 32,314,202	6,150,000	975,000	2,121,500	7,340,000	15,770,000	23,380,000	88,050,702	
Lubbock Power and Light	\$ 136,924,921	42,252,773	19,325,000	22,090,500	32,635,000	41,885,000	57,900,000	353,013,194	

Managing Department **7711-Regional Market Admin & Compliance**Project Manager **Jeff Baker**Project Classification **Master Plans/Studies**Project Status **Approved***Project Scope*

Acquisition and verification of all Geographic Information System (GIS)-required outside plant data, utilizing both in-house personnel and external contractors. Acquisition of equipment, software and training to effectively execute the project.

Project Justification

The LP&L GIS is the system of record for the LP&L distribution system and is made up of two parts – the data representing LP&L's infrastructure and the software used to view and maintain this data. With approximately 3,000 edits per week, the LP&L GIS represents an electrical distribution system in a constant state of transformation and growth. Due to multiple data sets from LP&L and Xcel, and inaccuracies as a result, GIS operations must work in a constant state of reactive behavior in response to problems caused by inaccurate data. The fiber communication needs to be verified and documented. The productivity of both the Engineering and Operations Departments is negatively affected as a result. LP&L is making substantial investments in new software systems that will depend on accurate data for processing and analysis. The goal of this project is to ensure that the GIS data and fiber is worthy of these new systems and can be relied upon by everyone who depends on this information.

FERC Accounts: 383

Estimated Useful Life: 10 years

Project History

\$2,650,862 was appropriated in the FY 2017-18 Budget, Ord. No. 2017-O0111, October 1, 2017.

Decreased \$300,000 in the Appropriation-To-Date in the FY 2020-21 Budget.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Technology	2,350,862	0	0	0	0	0	0	2,350,862
Total Project Appropriation	2,350,862	0	0	0	0	0	0	2,350,862

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2014 10-Year LP&L Revenue Bonds	612	0	0	0	0	0	0	612
FY 2016 10-Year LP&L Revenue Bonds	250	0	0	0	0	0	0	250
FY 2018 10-Year LP&L Revenue Bonds	2,350,000	0	0	0	0	0	0	2,350,000
Total Funding Sources	2,350,862	0	0	0	0	0	0	2,350,862

Managing Department **7411-Distribution Supervision & Engineering**Project Manager **Luke Miller**Project Classification **Master Plans/Studies**Project Status **Approved***Project Scope*

Perform a near-term and long-term planning assessment of the entire distribution system. The project will consist of collecting data, performing engineering calculations to model the system, performing analyses on all substations and feeders, and creating a near and long term plan for both the LP&L distribution system and the purchased Xcel/SPS distribution system. This project includes the estimated engineering and contract cost associated with performing this assessment.

Project Justification

Examination of the existing state of the distribution grid substantiates the necessity for the planning assessments of the LP&L power distribution grid. Studies need to be performed, such as reactive resources, system stability, automation, load balancing, voltage control, and power quality. As the grid continues to grow, planning must be one-step ahead to strengthen the reliability and operations of the LP&L grid.

FERC Accounts: 588.13

Estimated Useful Life: 10

Project History

\$345,000 was appropriated in the FY 2017-18 Budget, Ord. No. 2017-00111, October 1, 2017.

August 15, 2018 Reduced \$250,000 FY 2018 LP&L Cash and moved to 92529 FY 2017-18 Underground Distribution.

\$355,000 was appropriated in the FY 2018-19 Budget, Ord. No. 2018-00109, October 1, 2018.

\$230,000 was appropriated in the FY 2019-20 Budget, Ord. No. 2019-00129, October 1, 2019.

Decreased appropriation by \$342,000 in the FY 2021-22 Budget, Ord. No. 2022-00046, April 12, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Other Activities	338,000	0	0	0	0	0	0	338,000
Total Project Appropriation	338,000	0	0	0	0	0	0	338,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2018 LP&L Cash	95,000	0	0	0	0	0	0	95,000
FY 2019 LP&L Cash	243,000	0	0	0	0	0	0	243,000
Total Funding Sources	338,000	0	0	0	0	0	0	338,000

Managing Department **7418-Transmission Supervision & Engineering**

Project Manager **Lee Roy Martinez**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Install optical ground wire (OPGW) and All-Dielectric Self Supporting (ADSS) cable on existing transmission and distribution lines. The OPGW will directly replace the existing static/neutral conductor on the transmission lines, and upgrade Skywrap to OPGW and 24 count fiber to 96 count fiber. The ADSS will connect existing substations that do not currently have fiber capabilities.

ADSS is a self supporting cable that is ideal for installation on distribution as well as transmission lines with the added benefit of containing fibers which can be used for telecommunications purposes.

OPGW is a dual functioning conductor/cable, meaning it serves two purposes. It is designed to replace traditional static/shield/earth wires on overhead transmission lines with the added benefit of containing optical fibers which can be used for telecommunications purposes.

The Project will include the engineering analysis, facilities audit, design, materials and construction costs for the installation in and out of the substations. The engineering analysis includes a pole loading analysis to verify the existing pole designs before the installation of OPGW/ADSS. The fiber analysis and testing will be done to verify the integrity of the fiber. The materials include the OPGW/ADSS conductors, steel poles and foundations, and all fiber equipment and hardware required to terminate, test and route fiber into the control building at each substation location. This will include any fiberoptic splicing deemed necessary in substations or out in the field by contractors or LP&L employees.

Project Justification

The installation of this fiber will facilitate communication for LP&L by connecting substations via fiber. The new fiber will create new communication channels for the following: Supervisory Control and Data Acquisition (SCADA) communication between the substation Remote Terminal Unit (RTU) and the master station in the control room, communication between protective relays on the transmission lines, and redundant communication channels for a Token Ring fiber network by absorbing these substations. Upgrading all Skywrap and 24 fiber counts to 96 fiber counts will enable LP&L to effectively communicate with each substation for compliance and provide maximum redundancy in the event of fiber loss/damage.

Project History

\$250,000 was appropriated in the FY 2013-14 Budget, Ord. No. 2013-O0087, September 10, 2013.

\$155,000 was appropriated in the FY 2016-17 Budget, Ord. No. 2016-O0135, September 8, 2016.

\$1,195,000 was appropriated in the FY 2017-18 Budget, Ord. No. 2017-O0111, October 1, 2017.

BCR No. 1718-08 decreased 2018 Electric Light & System Revenue Bonds by \$344,694.58; Reallocated 2017 Electric Light & System Revenue Bonds, Series 2017 by \$344,694.58.

\$1,000,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-O0126, October 1, 2021.

\$1,000,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-O0126, October 1, 2021.

Decreased appropriation by \$160,000 in the FY 2021-22, BCR# 2022-24, July 25, 22.

\$250,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-O0136, October 1, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	2,240,000	200,000	200,000	200,000	200,000	200,000	200,000	3,440,000
Design and Engineering	200,000	50,000	75,000	78,500	85,000	90,000	90,000	668,500
Total Project Appropriation	2,440,000	250,000	275,000	278,500	285,000	290,000	290,000	4,108,500

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2014 LP&L Cash	90,000	0	0	0	0	0	0	90,000
FY 2017 30-Year LP&L Revenue Bonds	499,695	0	0	0	0	0	0	499,695
FY 2018 30-Year LP&L Revenue Bonds	947,067	0	0	0	0	0	0	947,067
FY 2022 30-Year LP&L Revenue Bonds	903,238	250,000	0	0	0	0	0	1,153,238
FY 2024 30-Year LP&L Revenue Bonds	0	0	275,000	0	0	0	0	275,000
FY 2025 30-Year LP&L Revenue Bonds	0	0	0	278,500	0	0	0	278,500
FY 2026 30-Year LP&L Revenue Bonds	0	0	0	0	285,000	0	0	285,000
FY 2027 30-Year LP&L Revenue Bonds	0	0	0	0	0	290,000	0	290,000
FY 2028 LP&L 30-Year Revenue Bonds	0	0	0	0	0	0	290,000	290,000
Total Funding Sources	2,440,000	250,000	275,000	278,500	285,000	290,000	290,000	4,108,500

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **7411-Distribution Supervision & Engineering**

Project Manager **Jubal Mann**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Construct six (6) new distribution feeders exiting the Northwest Substation.

Project Justification

The Northwest Substation was built and energized in 2008; however, only two (2) distribution feeders were constructed for this eight (8) circuit substation. New feeders must be built to keep up with growing electrical load in northwest Lubbock.

FERC Accounts: 361, 364, 365, 366, 367, 368

Estimated Useful Life: 30 years

Project History

\$200,000 was appropriated in the FY 2014-15 Budget, Ord. No. 2014-00122, September 11, 2014.

\$204,200 was appropriated in the FY 2015-16 Budget, Ord. No. 2015-00094, September 10, 2015.

\$205,000 was appropriated in the FY 2016-17 Budget, Ord. No. 2016-00135, September 8, 2016.

\$240,000 was appropriated in the FY 2017-18 Budget, Ord. No. 2017-00111, October 1, 2017.

\$250,000 was appropriated in the FY 2018-19 Budget, Ord. No. 2018-00109, October 1, 2018.

\$285,000 was appropriated in FY 2019-20, BCR# 1920-03, November 1, 2019.

Decreased appropriation by \$200,000 in the FY 2021-22 Budget, Ord. No. 2022-00046, April 12, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	1,184,200	0	310,000	329,000	0	0	0	1,823,200
Total Project Appropriation	1,184,200	0	310,000	329,000	0	0	0	1,823,200

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2014 LP&L Revenue Bonds	205,000	0	0	0	0	0	0	205,000
FY 2015 LP&L Revenue Bonds	200,000	0	0	0	0	0	0	200,000
FY 2016 LP&L Cash	204,200	0	0	0	0	0	0	204,200
FY 2018 LP&L Cash	240,000	0	0	0	0	0	0	240,000
FY 2019 LP&L Cash	50,000	0	0	0	0	0	0	50,000
FY 2021 20-Year LP&L Revenue Bonds	285,000	0	0	0	0	0	0	285,000
FY 2024 20-Year LP&L Revenue Bonds	0	0	310,000	0	0	0	0	310,000
FY 2025 20-Year LP&L Revenue Bonds	0	0	0	329,000	0	0	0	329,000
Total Funding Sources	1,184,200	0	310,000	329,000	0	0	0	1,823,200

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **7611-Transmission Supervision & Engineering**

Project Manager **Luke Miller**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

Replace the relay protection on the substations with older relays and assess the substations to determine if any modifications or upgrades are required in preparation for the new system configuration. The assessment includes but is not limited to: analyzing the power flows through the substations and verifying the existing equipment will handle/carry the power/currents safely; and analyzing the existing Alternating Current (AC) Voltage and Direct Current (DC) Voltage system requirements. The project includes the engineering, design, materials, and construction costs associated with upgrading the following substations: Wadsworth, Erskine, Brandon, Northwest, McCullough, Mackenzie, and Thompson.

Project Justification

The existing antiquated protection relays in the affected substations do not provide adequate protection or safety features. The installation of microprocessor relays will allow LP&L to further improve the reliability of the system by providing adequate and redundant protection while improving the safety of personnel by implementing features such as hot line tag. These new digital relays will constantly monitor the health of the system, instantly alarm for abnormal conditions, and more importantly clear system disturbances quickly and as necessary. The current transformers (CTs) in the existing circuit breakers do not have the proper ratings required, thereby reducing the rating of the line. The line rating is what determines how much power the lines can safely carry. Some equipment will need to be replaced if the current ratings do not meet or exceed the requirements.

FERC Accounts: 353

Estimated Useful Life: 30 years

Project History

\$510,000 was appropriated in the FY 2016-17 Budget, Ord. No. 2016-00135, September 8, 2016.

Appropriated \$105,000 in FY 2016-17 Budget Amendment No. 28, Ord. No. 2017-00058, May 25, 2017.

\$3,510,000 was appropriated in the FY 2017-18 Budget, Ord. No. 2017-00111, October 1, 2017.

Reduced funding by \$2.4 million in FY 2017-18 Budget Amendment No. 13, Ord. No. 2018-00057, May 24, 2018.

\$1,410,000 was appropriated in the FY 2018-19 Budget, Ord. No. 2018-00109, October 1, 2018.

\$2,215,000 was appropriated in the FY 2019-20 Budget, Ord. No. 2019-00129, October 1, 2019.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	5,350,000	0	700,000	728,000	755,000	785,000	820,000	9,138,000
Total Project Appropriation	5,350,000	0	700,000	728,000	755,000	785,000	820,000	9,138,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2017 30-Year LP&L Revenue Bonds	615,000	0	0	0	0	0	0	615,000
FY 2018 30-Year LP&L Revenue Bonds	1,110,000	0	0	0	0	0	0	1,110,000
FY 2021 30-Year LP&L Revenue Bonds	3,625,000	0	0	0	0	0	0	3,625,000
FY 2024 30-Year LP&L Revenue Bonds	0	0	700,000	0	0	0	0	700,000
FY 2025 30-Year LP&L Revenue Bonds	0	0	0	728,000	0	0	0	728,000
FY 2026 30-Year LP&L Revenue Bonds	0	0	0	0	755,000	0	0	755,000
FY 2027 30-Year LP&L Revenue Bonds	0	0	0	0	0	785,000	0	785,000
FY 2028 LP&L 30-Year Revenue Bonds	0	0	0	0	0	0	820,000	820,000
Total Funding Sources	5,350,000	0	700,000	728,000	755,000	785,000	820,000	9,138,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **7711-Regional Market Admin & Compliance***Project Manager* **Jeff Baker***Project Classification* **Administrative***Project Status* **Approved***Project Scope*

Installation and configuration of Geographic Information Systems (GIS) software and equipment to replace the existing Smallworld system, including training of Engineering and GIS personnel. The project also includes the acquisition of software, equipment and training for other GIS-related systems.

Project Justification

LP&L will utilize the GIS Software to obtain:

- Industry-specific quality assurance/quality control tools to validate, verify and correct data, as well as integrated and efficient engineering and design functionality;
- Reduced engineering and design workload by automating cost estimates and materials list generation using compatible units, complemented by built-in overhead design analysis tools;
- Compatibility with existing City of Lubbock, GIS datasets, enabling “drag and drop” sharing of information with other City departments and eliminating redundant work;
- Enhanced web map publishing capabilities to deliver the latest up-to-date network data throughout the organization & enhanced mobile capabilities for viewing and collecting network data; and
- Development and implementation of customizations and integrations with related software systems.

The LP&L GIS is the data backbone of the Distribution Operations and Engineering Departments. The Outage Management System depends on GIS data for an accurate representation of LP&L facilities. Additionally, the Construction Engineering Department routinely has 150-200 projects in progress in the GIS at any given time.

FERC Accounts: 382,383,390

Estimated Useful Life: 10 years

Project History

\$2,115,000 was appropriated in the FY 2017-18 Budget, Ord. No. 2017-O0111, October 1, 2017.

Reduced appropriation by \$900,000 per BCR 1718-08 on 8/15/18 and decreasing issuance of 10 year Electric Light & System Revenue Bonds, Series 2018.

\$510,000 was appropriated in the FY 2018-19 Budget, Ord. No. 2018-O0109, October 1, 2018.

\$440,000 was appropriated in the FY 2019-20 Budget, Ord. No. 2019-O0129, October 1, 2019.

Decreased \$400,000 in the Appropriation-To-Date in the FY 2020-21 Budget.

\$420,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-O0126, October 1, 2021.

\$250,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-O0136, October 1, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Technology	2,185,000	250,000	0	0	0	0	0	2,435,000
Total Project Appropriation	2,185,000	250,000	0	0	0	0	0	2,435,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2018 10-Year LP&L Revenue Bonds	1,215,000	0	0	0	0	0	0	1,215,000
FY 2019 LP&L Cash	510,000	0	0	0	0	0	0	510,000
FY 2020 LP&L Cash	40,000	0	0	0	0	0	0	40,000
FY 2022 LP&L Cash	420,000	0	0	0	0	0	0	420,000
FY 2023 LP&L Cash	0	250,000	0	0	0	0	0	250,000
Total Funding Sources	2,185,000	250,000	0	0	0	0	0	2,435,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **7418-Distribution Engineering Construction**Project Manager **Jarrold Huse**Project Classification **Upgrade/Major Maintenance**Project Status **Approved****Project Scope**

Geographic project boundaries are as follows: E. 28th St/Canyon Lake Dr. to the north, Canyon Lake Dr. to the east, Lubbock Cemetery to the south and Teak Ave. to the west. Installation of new underground electric distribution system to serve existing residential neighborhood, currently served by overhead facilities. Installation of new underground feeder line through alley between E 30th St & Lubbock Cemetery. Relocation of street light feeds to underground. Removal of overhead electric facilities. This includes all necessary material, labor, equipment, engineering & project management costs. Excluded from this project's scope are applicable costs to telecommunication companies to relocate their facilities underground and to vacate poles for removal. Also excluded are hiring electrician(s) to relocate customer owned electric facilities underground on private property to meet new service pedestals in alleys.

Project Justification

Older Lubbock neighborhoods constructed prior to 1978 are served by overhead facilities. Councilwoman Sheila Patterson Harris has requested the project to improve aesthetics in this historic neighborhood.

Project History

\$1,210,000 was appropriated in the FY 2018-19 Budget, Ord. No. 2018-00109, October 1, 2018.

Decreased \$1,000,000 in the Appropriation-to-Date in the FY 2022-23 Budget.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	210,000	0	0	0	0	0	0	210,000
Total Project Appropriation	210,000	0	0	0	0	0	0	210,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 20-Year LP&L Revenue Bonds	210,000	0	0	0	0	0	0	210,000
Total Funding Sources	210,000	0	0	0	0	0	0	210,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0



Managing Department **7414-Distribution Load Dispatching**

Project Manager **Melissa Saddler**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Supervisory Control and Data Acquisition (SCADA) System equipment for the backup control center; Outage Management System (OMS) interface to the new Geographic Information System (GIS); OMS system interface to the new Advanced Metering Infrastructure (AMI) system; OMS system interface to new Customer Information System (CIS); OMS system interface to new Asset Management System (AMS); and Network Restore.

Project Justification

SCADA System equipment for the backup control center: North American Electric Reliability Corporation (NERC) regulations require a backup control system. The SCADA system provides system monitoring of the tie lines and components deemed as transmission assets. These transmission assets are subject to NERC regulations. The SCADA system provides transmission and generation data to the Southwest Power Pool (SPP) through an Inter-Control Center Communications Protocol (ICCP) link. LP&L must maintain full and continuous supervision and control of power system operations during major and unexpected emergencies without loss of current and historical operational data. The SCADA system is currently housed in one location. A disaster would cause detrimental down time and loss of historical data.

SCADA System Upgrade:

Upgrade SCADA system hardware and software. The upgrade is necessary to ensure the software is up to date to continue vendor support, security, and enhancements. The upgrade will replace servers that are approaching over five (5) years in production. This project will also upgrade all software of the SCADA and supporting systems.

OMS interface to the new GIS: The GIS model is exported into the SCADA system. The data model, data tables, conversion process and program scripts will need to be written for use with new data tables and information.

OMS Interface Update to GIS:

The GIS system will implement an upgrade of the software and the data model. The interface to the OMS will require an update to be able to accommodate the changes in the GIS model.

OMS system interface to the new AMI system: An AMI system serves different purposes for an electric utility. A major purpose is reporting outages to an OMS. The OMS currently relies on either an event from the SCADA system or calls reported by customers in order to predict the most likely source of the outage. The addition of meter status from the AMI meters will provide more accurate reporting of outages and will allow for more precise outage source location prediction.

OMS system interface to the new CIS system: The OMS customer database is provided by a daily data exchange file from the CIS. If there are changes to customer accounts after the data update, the operations center is not updated with this information. Work order information between the CIS system and OMS system must be exchanged. Currently there is no interface between the two systems, thus requiring the Operations department to use paper tickets generated from the CIS system that are routed to the printer. These orders are entered into the OMS system for accurate historic capturing and for field dispatching. A report from the OMS system is generated for completion of meter orders in the CIS system. This is currently done by manual entry. An interface will allow data exchange between the two systems, updating of both systems as needed and eliminate the need for manual entry.

OMS system interface to the new AMS: The OMS provides the real time system and work order information for the crews in the field and for the System Operators to the system map. Any work being done on the system must be reflected on the dynamic, real time system map for safety, outage restoration and real time decisions. An interface is needed so that work entered in for the crews is represented on the system map and network map and time tracking is reported back to the AMS.

Restore: A system that will allow automatic/scheduled backups for the SCADA system. During a recent audit the auditors recommended an automated backup system for protected cyber assets.

Vulnerability and Risk Management Software: Purchase software to help identify vulnerabilities and risks to LP&L's cyber systems. This software will assist in providing support for NERC CIP requirements.

Equipment and Software Upgrades: Hardware and equipment upgrades to meet a five (5) year hardware change out program, the addition of vulnerability and risk management software, upgrades to interfaces (OMS, GIS, CCS), and additional equipment that may be required by NERC Standards.

FERC Accounts: 382, 383, 390

Estimated Useful Life: 10 years

Project History

\$615,000 was appropriated in the FY 2018-19 Budget, Ord. No. 2018-00109, October 1, 2018.

\$200,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$300,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Furnishings, Fixtures, and Equipment	1,115,000	0	0	0	0	0	0	1,115,000
Total Project Appropriation	1,115,000	0	0	0	0	0	0	1,115,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2019 LP&L Cash	615,000	0	0	0	0	0	0	615,000
FY 2021 LP&L Cash	200,000	0	0	0	0	0	0	200,000
FY 2022 LP&L Cash	300,000	0	0	0	0	0	0	300,000
Total Funding Sources	1,115,000	0	0	0	0	0	0	1,115,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

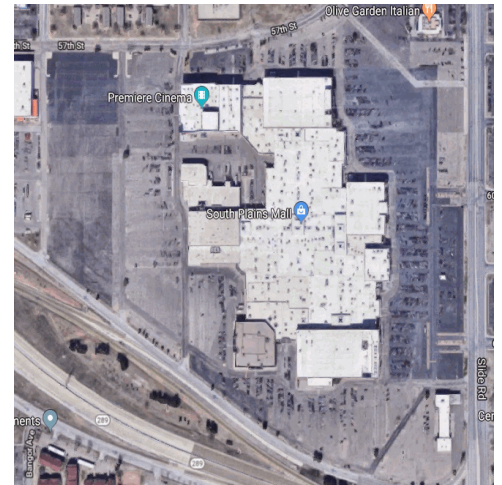


Managing Department **7411-Distribution Supervision & Engineering**

Project Manager **Lee Roy Martinez**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Upgrade, re-route, replace & install new distribution facilities as needed on South Plains Mall property to accommodate major expansion. This includes all necessary material, equipment, labor, contract, and engineering services.

Project Justification

In February of 2018, South Plains Mall approached LP&L about an ambitious plan for expansion. Due to delays related to the global pandemic COVID-19 and other items, their schedule has been pushed back, targeting completion to late 2023 to early 2024. This expansion calls for multiple primary lines to be re-routed or removed in addition to new installations to serve new tenants at the mall.

FERC Account: 366, 367, 368, 374

Estimated Useful Life: 40 years

Project History

\$410,000 was appropriated in the FY 2018-19 Budget, Ord. No. 2018-00109, October 1, 2018.

\$425,000 was appropriated in the FY 2019-20 Budget, Ord. No. 2019-00129, October 1, 2019.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	835,000	0	0	0	0	0	0	835,000
Total Project Appropriation	835,000	0	0	0	0	0	0	835,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 20-Year LP&L Revenue Bonds	835,000	0	0	0	0	0	0	835,000
Total Funding Sources	835,000	0	0	0	0	0	0	835,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **7418-Distribution Supervision & Engineering**

Project Manager **Lee Roy Martinez**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

Install eight new distribution feeder lines from Red Raider Substation. This includes 4 dedicated circuits for TTU that will be routed from Quaker Ave east to absorb load from Texas Tech University (TTU) system properties, including but not limited to the Health Sciences Center. The remaining 4-circuits are dedicated to LP&L system feeders to absorb load from neighboring substation feeders. This project includes the engineering, material and construction costs associated with building new and re-configuring existing distribution lines to accommodate new circuits from the Red Raider substation.

Project Justification

Red Raider Substation was built to serve LP&L's system distribution needs as well as provide additional circuits to handle increasing electrical demand from TTU. These new feeder circuits will connect the new substation to existing circuits both on and off campus.

Project History

\$4,985,000 was appropriated in the FY 2018-19 Budget Amendment No. 5, Ord. No. 2019-O0001, January 22, 2019.

\$515,000 was appropriated in the FY 2019-20 Budget, Ord. No. 2019-00129, October 1, 2019.

Decreased \$1,500,000 in the Appropriation-To-Date in the FY 2020-21 Budget.

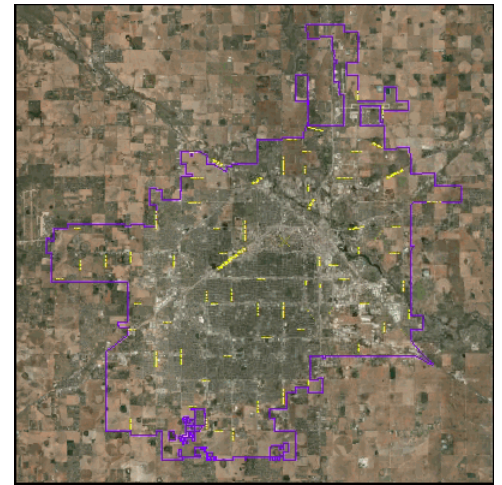
\$1,565,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Decreased \$650,000 in the Appropriation-to-Date in the FY 2022-23 Budget.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	4,915,000	0	0	0	0	0	0	4,915,000
Total Project Appropriation	4,915,000	0	0	0	0	0	0	4,915,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 20-Year LP&L Revenue Bonds	4,000,000	0	0	0	0	0	0	4,000,000
FY 2022 LP&L Revenue Bonds	915,000	0	0	0	0	0	0	915,000
Total Funding Sources	4,915,000	0	0	0	0	0	0	4,915,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Facilities Management***Project Manager* **Wesley Everett***Project Classification* **New Facility***Project Status* **Approved***Project Scope*

Construction of a facility measuring approximately 2,500 sq. ft. to house the Geographic Information Systems (GIS) staff and operations. The facility will connect to the existing LP&L Engineering at Municipal Hill. Project will include furniture, equipment, servers and other related equipment for the operations of the GIS department.

FY 2022-2023 Project will be closed.

Project Justification

Current GIS staff have out grown current space. LP&L will relocate to the Citizens Tower and GIS will relocate to Municipal Hill.

FERC Accounts: 390, 391

Estimated Useful Life: 30 years

Project History

GIS was located in the Lubbock Business Center when LP&L purchased and renovated the facility in the mid 90's. Due to the consolidation of City services, LP&L will relocate to the Citizens Tower. GIS will relocate to Municipal Hill.

FY 19-20 Design bid awarded, project design commenced.

FY 20-21 Design completed, construction bid awarded, construction started with project completion scheduled for August, 2021.

\$1,115,000 was appropriated in the FY 2019-20 Budget, Ord. No. 2019-00129, October 1, 2019.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	1,006,500	0	0	0	0	0	0	1,006,500
Design and Engineering	108,500	0	0	0	0	0	0	108,500
Total Project Appropriation	1,115,000	0	0	0	0	0	0	1,115,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 20-Year LP&L Revenue Bonds	1,115,000	0	0	0	0	0	0	1,115,000
Total Funding Sources	1,115,000	0	0	0	0	0	0	1,115,000

Managing Department **7611- Transmission Supervision & Engineering**Project Manager **Joseph Kidd**Project Classification **Upgrade/Major Maintenance**Project Status **Approved***Project Scope*

This project will replace the Northeast substation's existing switchgear and power transformers. The relay protection upgrade includes; relay protection for the additional feeders and 69kV bus protection. This project will include the engineering, materials, and construction costs associated with the project. This project will also require the purchase of additional land from LEDA (Lubbock Economic Development Alliance).

Project Justification

The switchgear replacement is required to conform to the new LP&L standard substation design. Each of the transformers will connect to new overhead open air distribution busses that will serve 4 distribution feeder circuits. This new open air design configuration is easily expandable and safer than the existing metal-clad switchgear.

The new relay protection for the transformers, feeders, and busses is required to implement the new LP&L standard design for a fully integrated substation protection package. This protection is designed to quickly isolate faulted parts of the distribution and transmission system in order to protect the equipment, protect the unaffected parts of the system, and to improve the reliability of the electric network. The relay protection includes primary and backup protection for all protection areas/schemes.

Project History

\$600,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$7,555,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Decreased appropriation by \$650,000 in FY 2021-22, BCR# 2022-28, September 14, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	7,505,000	0	0	0	0	0	0	7,505,000
Total Project Appropriation	7,505,000	0	0	0	0	0	0	7,505,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2018 20-Year LP&L Revenue Bonds	600,000	0	0	0	0	0	0	600,000
FY 2022 LP&L Revenue Bonds	6,905,000	0	0	0	0	0	0	6,905,000
Total Funding Sources	7,505,000	0	0	0	0	0	0	7,505,000

Managing Department **Transmission***Project Manager* **Luke Miller***Project Classification* **Infrastructure Improvements***Project Status* **Approved***Project Scope*

Engineering, testing, and construction efforts to support the cutover of the remainder of the LP&L system from the Southwest Power Pool (SPP) to the Electric Reliability Council of Texas (ERCOT) grid. Both external and internal resources must be available to facilitate physical work required during the cutover sequence and immediately respond to any issues that are found during the cutover.

Project Justification

LP&L is planning to move the remainder of its load from the SPP to the ERCOT grid.

Project History

\$375,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$75,000 was appropriated in FY 2020-21, BCR# 2021-8, March 22, 2021.

Decreased \$125,000 in FY 2021-22, BCR# 2022-25, July 25, 2022.

Decreased \$27,361 in the Appropriation-to-Date in the FY 2022-23 Budget.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	150,000	0	0	0	0	0	0	150,000
Design and Engineering	147,639	0	0	0	0	0	0	147,639
Total Project Appropriation	297,639	0	0	0	0	0	0	297,639

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2017 30-Year LP&L Revenue Bonds	199,433	0	0	0	0	0	0	199,433
FY 2018 30-Year LP&L Revenue Bonds	17,565	0	0	0	0	0	0	17,565
FY 2021 30-Year LP&L Revenue Bonds	80,641	0	0	0	0	0	0	80,641
Total Funding Sources	297,639	0	0	0	0	0	0	297,639

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **7419-Distribution Meter Shop**Project Manager **Ronny Smith**Project Classification **Replacement Infrastructure**Project Status **Approved***Project Scope*

This project is for the purchase of The Advanced Metering Infrastructure (AMI) meters, meter bases, potential transformers, current transformers, meter sockets, and related equipment and materials for metering customers.

Project Justification

Provide for the purchase of Advanced Metering Infrastructure (AMI) meters and related equipment to be used for the registration of electric kilowatt hours and demand.

Project History

\$226,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$235,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

\$160,000 was appropriated in the FY 2021-22, BCR# 2022-24, July 26, 2022.

\$412,500 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	621,000	412,500	510,000	500,000	500,000	500,000	500,000	3,543,500
Total Project Appropriation	621,000	412,500	510,000	500,000	500,000	500,000	500,000	3,543,500

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2014 LP&L Cash	160,000	0	0	0	0	0	0	160,000
FY 2021 LP&L Cash	226,000	0	0	0	0	0	0	226,000
FY 2022 LP&L Cash	235,000	0	0	0	0	0	0	235,000
FY 2023 LP&L Cash	0	412,500	0	0	0	0	0	412,500
FY 2024 LP&L Cash	0	0	510,000	0	0	0	0	510,000
FY 2025 LP&L Cash	0	0	0	500,000	0	0	0	500,000
FY 2026 LP&L Cash	0	0	0	0	500,000	0	0	500,000
FY 2027 LP&L Cash	0	0	0	0	0	500,000	0	500,000
FY 2028 LP&L Cash	0	0	0	0	0	0	500,000	500,000
Total Funding Sources	621,000	412,500	510,000	500,000	500,000	500,000	500,000	3,543,500

Managing Department **7411-Distribution Supervision & Engineering**

Project Manager **Mark Clay**

Project Classification **Replacement Infrastructure**

Project Status **Approved**



Project Scope

The project is for the purchase of overhead transformers, pad mount transformers, switchgear and other related equipment.

Project Justification

These items will be used for maintenance, capacity upgrades and new services within LP&L's service territory.

FERC Accounts: 368

Estimated Useful Life: 30 years.

Project History

\$3,500,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-O0123, October 1, 2020.

\$2,200,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-O0126, October 1, 2021.

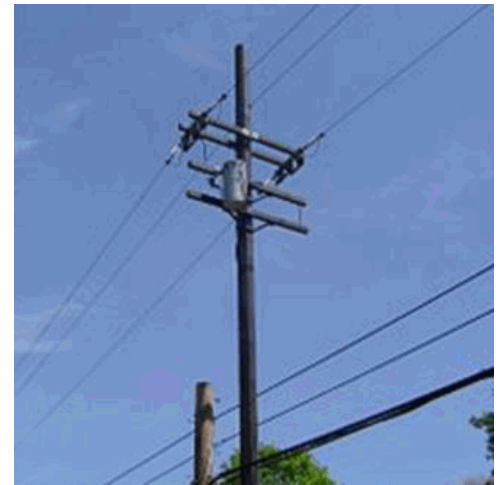
\$1,200,000 was appropriated in the FY 2021-22, BCR# 2022-24, July 25, 2022.

\$4,425,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-O0136, October 1, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	6,900,000	4,425,000	3,000,000	3,150,000	3,250,000	3,550,000	3,700,000	27,975,000
Total Project Appropriation	6,900,000	4,425,000	3,000,000	3,150,000	3,250,000	3,550,000	3,700,000	27,975,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2017 LP&L Cash	0	777,811	0	0	0	0	0	777,811
FY 2018 LP&L Cash	0	1,114,918	0	0	0	0	0	1,114,918
FY 2019 LP&L Cash	0	13,166	0	0	0	0	0	13,166
FY 2020 LP&L Cash	0	523,553	0	0	0	0	0	523,553
FY 2021 20-Year LP&L Revenue Bonds	1,200,000	0	0	0	0	0	0	1,200,000
FY 2021 LP&L Cash	3,500,000	107,144	0	0	0	0	0	3,607,144
FY 2022 LP&L Cash	2,200,000	0	0	0	0	0	0	2,200,000
FY 2023 LP&L Cash	0	1,888,408	0	0	0	0	0	1,888,408
FY 2024 LP&L Cash	0	0	3,000,000	0	0	0	0	3,000,000
FY 2025 LP&L Cash	0	0	0	3,150,000	0	0	0	3,150,000
FY 2026 LP&L Cash	0	0	0	0	3,250,000	0	0	3,250,000
FY 2027 LP&L Cash	0	0	0	0	0	3,550,000	0	3,550,000
FY 2028 LP&L Cash	0	0	0	0	0	0	3,700,000	3,700,000
Total Funding Sources	6,900,000	4,425,000	3,000,000	3,150,000	3,250,000	3,550,000	3,700,000	27,975,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Distribution***Project Manager* **Jubal Mann***Project Classification* **Infrastructure Improvements***Project Status* **Approved***Project Scope*

This project consist of any required work in upgrading the distribution system be reconductoring or rebuilding existing lines that require capacity upgrades or lines that have exceeded their life expectancy. This project includes the engineering, material and construction cost associated with re-conducting, rebuilding or removal of 4, 15 and/or 23kv circuits on the distribution system to improve system efficiency and reliability.

Project Justification

The majority of LP&L's distribution lines have exceeded their life expectancy. It is critical that the utility begins to replace these lines over time.

Project History

\$5,625,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

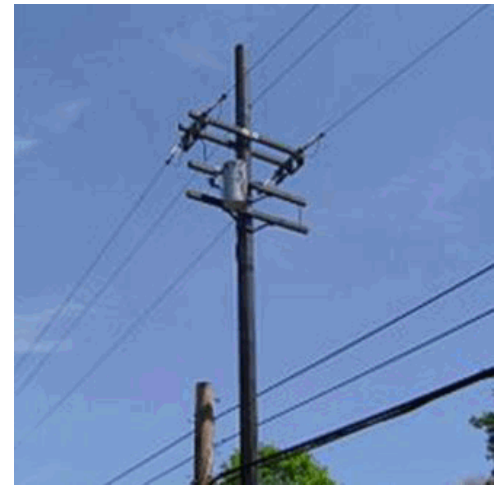
\$2,250,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Decreased appropriation \$600,000 in the FY 2021-22, BCR# 2022-24, July 25, 2022.

\$2,275,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	7,025,000	2,000,000	2,700,000	2,951,950	2,392,000	1,940,000	1,940,000	20,948,950
Design and Engineering	250,000	275,000	300,000	328,050	263,000	210,000	210,000	1,836,050
Total Project Appropriation	7,275,000	2,275,000	3,000,000	3,280,000	2,655,000	2,150,000	2,150,000	22,785,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 LP&L Cash	5,025,000	0	0	0	0	0	0	5,025,000
FY 2022 LP&L Cash	2,250,000	0	0	0	0	0	0	2,250,000
FY 2023 LP&L Cash	0	2,275,000	0	0	0	0	0	2,275,000
FY 2024 LP&L Cash	0	0	3,000,000	0	0	0	0	3,000,000
FY 2025 LP&L Cash	0	0	0	3,280,000	0	0	0	3,280,000
FY 2026 LP&L Cash	0	0	0	0	2,655,000	0	0	2,655,000
FY 2027 LP&L Cash	0	0	0	0	0	2,150,000	0	2,150,000
FY 2028 LP&L Cash	0	0	0	0	0	0	2,150,000	2,150,000
Total Funding Sources	7,275,000	2,275,000	3,000,000	3,280,000	2,655,000	2,150,000	2,150,000	22,785,000

Managing Department **7418-Distribution Engineering Construction***Project Manager* **Tim Stice***Project Classification* **Infrastructure Improvements***Project Status* **Approved***Project Scope*

Purchase of materials and the installation or extension of new overhead distribution lines to serve customers of LP&L.

Project Justification

Provide for upgrades and the new overhead primary and/or secondary lines to include poles, wire, insulators, ties, guy wires, and any other equipment necessary for the installation of overhead lines, and employment of independent contractors for larger projects.

Project History

\$2,424,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$2,424,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

\$3,997,500 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	4,363,200	3,500,000	2,641,500	2,880,000	3,168,000	3,283,000	3,483,000	23,318,700
Design and Engineering	484,800	497,500	293,500	320,000	352,000	387,000	387,000	2,721,800
Total Project Appropriation	4,848,000	3,997,500	2,935,000	3,200,000	3,520,000	3,670,000	3,870,000	26,040,500

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 LP&L Cash	2,424,000	0	0	0	0	0	0	2,424,000
FY 2022 LP&L Cash	2,424,000	0	0	0	0	0	0	2,424,000
FY 2023 LP&L Cash	0	3,997,500	0	0	0	0	0	3,997,500
FY 2024 LP&L Cash	0	0	2,935,000	0	0	0	0	2,935,000
FY 2025 LP&L Cash	0	0	0	3,200,000	0	0	0	3,200,000
FY 2026 LP&L Cash	0	0	0	0	3,520,000	0	0	3,520,000
FY 2027 LP&L Cash	0	0	0	0	0	3,670,000	0	3,670,000
FY 2028 LP&L Cash	0	0	0	0	0	0	3,870,000	3,870,000
Total Funding Sources	4,848,000	3,997,500	2,935,000	3,200,000	3,520,000	3,670,000	3,870,000	26,040,500

Managing Department **7418-Distribution Engineering Construction***Project Manager* **Greg Pillow***Project Classification* **Infrastructure Improvements***Project Status* **Approved***Project Scope*

Purchase and installation of approximately 175 light-emitting diode (LED) residential street lights annually inside the city limits. The project includes street light poles, arms, lights and any conductors, cables or materials needed to power the lights. Purchase and installation of street lights for ordinance compliance and relocation within developed areas of the city.

Project Justification

LP&L has been tasked with the installation of street lights throughout the City of Lubbock. Per ordinance developers are charged \$2,500 for each residential street light plus \$70 for inspection.

Project History

\$484,600 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$550,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

\$600,000 was appropriated in the FY 2021-22, BCR# 2022-24, July 25, 2022.

\$847,500 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	1,536,140	800,000	526,500	540,000	558,000	576,000	576,000	5,112,640
Design and Engineering	98,460	47,500	58,500	60,000	62,000	64,000	64,000	454,460
Total Project Appropriation	1,634,600	847,500	585,000	600,000	620,000	640,000	640,000	5,567,100

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 LP&L Cash	1,084,600	0	0	0	0	0	0	1,084,600
FY 2022 LP&L Cash	550,000	0	0	0	0	0	0	550,000
FY 2023 LP&L Cash	0	847,500	0	0	0	0	0	847,500
FY 2024 LP&L Cash	0	0	585,000	0	0	0	0	585,000
FY 2025 LP&L Cash	0	0	0	600,000	0	0	0	600,000
FY 2026 LP&L Cash	0	0	0	0	620,000	0	0	620,000
FY 2027 LP&L Cash	0	0	0	0	0	640,000	0	640,000
FY 2028 LP&L Cash	0	0	0	0	0	0	640,000	640,000
Total Funding Sources	1,634,600	847,500	585,000	600,000	620,000	640,000	640,000	5,567,100

Managing Department **7418-Distribution Supervision & Engineering**

Project Manager **David Stinebaugh**

Project Classification **Infrastructure Improvements**

Project Status **Approved**



Project Scope

Purchase and installation of the new underground system for LP&L to serve new and existing customers.

Project Justification

Provide for the installation of new or replacement underground primary and/or secondary lines used to provide electric services to new and existing customers.

Project History

\$2,876,500 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$2,965,500 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

\$4,575,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	5,257,850	4,100,000	2,700,000	2,850,000	2,950,000	3,086,000	3,086,000	24,029,850
Design and Engineering	584,150	475,000	300,000	300,000	300,000	344,000	344,000	2,647,150
Total Project Appropriation	5,842,000	4,575,000	3,000,000	3,150,000	3,250,000	3,430,000	3,430,000	26,677,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 LP&L Cash	2,876,500	0	0	0	0	0	0	2,876,500
FY 2022 LP&L Cash	2,965,500	0	0	0	0	0	0	2,965,500
FY 2023 LP&L Cash	0	4,575,000	0	0	0	0	0	4,575,000
FY 2024 LP&L Cash	0	0	3,000,000	0	0	0	0	3,000,000
FY 2025 LP&L Cash	0	0	0	3,150,000	0	0	0	3,150,000
FY 2026 LP&L Cash	0	0	0	0	3,250,000	0	0	3,250,000
FY 2027 LP&L Cash	0	0	0	0	0	3,430,000	0	3,430,000
FY 2028 LP&L Cash	0	0	0	0	0	0	3,430,000	3,430,000
Total Funding Sources	5,842,000	4,575,000	3,000,000	3,150,000	3,250,000	3,430,000	3,430,000	26,677,000

Managing Department **7512-Customer Service**Project Manager **Jamie Wood**Project Classification **Administrative**Project Status **Approved***Project Scope*

This project is for the technology upgrade, implementation, training, legal and consultant services needed as LP&L creates a system required to provide data for the Electric Reliability Council of Texas (ERCOT) Transmission/Distribution Service Provider (TDSP). Technology upgrades to the Oracle Customer Cloud Service (CCS) include the project management, Q A, testing, and training consultants. Managed Services as well as implementation/project management consulting will be necessary due to the legalistic and technical nature of the project as well as the timing of the project work in concurrence with other high profile projects. This project cost includes a new software application, interface work, and associated personnel costs.

The following are key components required to create a system that relays LP&L's information to TDSP:

- Technology Upgrade to Oracle CCS (conversion of electric data)
- Complete ERCOT Municipally Owned Utility (MOU) and Electric Cooperatives (EC) opt-in checklist.
- Obtain management consultants, personnel resources, update policies and procedures, and provide training for internal staff.
- Communication between ERCOT/REP
- ERCOT in flight testing
- Interface to Energov

Project Justification

As LP&L transitions into the ERCOT market there is compliance reporting and information that must be reported to ERCOT by LP&L for retailers and public use which includes data sets and their characteristics. The technology and training for creating and transferring the data is a task that will require the assistance of outsourced companies in order to receive the proper training and resources needed to complete the task.

Project History

\$3,550,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-O0123, October 1, 2020.
 Reduced appropriation by \$850,000 in FY 2020-21, BCR# 2021-04, January 13, 2021.
 Reduced appropriation by \$1,200,000 in FY 2020-21, BCR# 2021-10, April 16, 2021.
 \$7,365,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-O0126, October 1, 2021.
 Reduced appropriation by \$1,000,000 in FY 2021-22, BCR# 2022-9, December 15, 2021.
 Reduced appropriation by \$300,000 in FY 2021-22, BCR 2022-2, February 28, 2022.
 Increased \$1,131,137 in the Appropriation-To-Date in the FY 2022-23 Budget.
 \$15,185,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-O0136, October 1, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Design and Engineering	8,696,137	15,185,000	0	0	0	0	0	23,881,137
Total Project Appropriation	8,696,137	15,185,000	0	0	0	0	0	23,881,137

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2018 10-Year LP&L Revenue Bonds	500,000	0	0	0	0	0	0	500,000
FY 2019 LP&L Cash	1,038,099	0	0	0	0	0	0	1,038,099
FY 2020 LP&L Cash	1,183,916	0	0	0	0	0	0	1,183,916
FY 2021 20-Year LP&L Revenue Bonds	1,131,137	0	0	0	0	0	0	1,131,137
FY 2022 LP&L Cash	4,842,985	0	0	0	0	0	0	4,842,985
FY 2022 LP&L Revenue Bonds	0	15,185,000	0	0	0	0	0	15,185,000
Total Funding Sources	8,696,137	15,185,000	0	0	0	0	0	23,881,137

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **7418-Distribution Engineering Construction**Project Manager **Greg Pillow**Project Classification **Upgrade/Major Maintenance**Project Status **Approved***Project Scope*

Replace series street light facilities along East Broadway with new and modern street light facilities including light-emitting diode (LED) fixtures. Project limits are along East Broadway St. from Ave. A to Oak Ave. The project includes engineering design, planning, construction and materials including new poles, arms, fixtures, conductors, conduit, fuses and relay controllers.

Project Justification

Series street light circuits are antiquated, obsolete and dangerous. New materials can no longer be ordered to maintain such facilities. This project will improve aesthetics, reduce maintenance costs and provide better illumination along the East Broadway corridor.

Project History

\$420,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$300,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	680,000	0	0	0	0	0	0	680,000
Design and Engineering	40,000	0	0	0	0	0	0	40,000
Total Project Appropriation	720,000	0	0	0	0	0	0	720,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 LP&L Cash	420,000	0	0	0	0	0	0	420,000
FY 2022 LP&L Cash	300,000	0	0	0	0	0	0	300,000
Total Funding Sources	720,000	0	0	0	0	0	0	720,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Distribution**Project Manager **Jubal Mann**Project Classification **Upgrade/Major Maintenance**Project Status **Approved***Project Scope*

This project is to upgrade, improve, and expand the LP&L distribution system in preparation for, and after, the transition to Electric Reliability Council of Texas (ERCOT). This will include, but is not limited to, replacing conductors and other distribution devices/equipment, installation of double circuits, and new construction.

Project Justification

In order to support integration and opt-in efforts distribution lines must be built, rebuilt, etc. in order to handle the additional load. Furthermore, new construction will be required to facilitate connection and integration of customers into the LP&L system.

Project History

\$4,301,674 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$635,000 was appropriated in FY 2020-21, BCR# 2021-8, March 22, 2021.

\$6,445,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Increased \$5,172,891 in the Appropriation-To-Date in the FY 2022-23 Budget.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	15,554,565	0	0	0	0	0	0	15,554,565
Design and Engineering	1,000,000	0	0	0	0	0	0	1,000,000
Total Project Appropriation	16,554,565	0	0	0	0	0	0	16,554,565

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2017 LP&L Revenue Bonds	16,449	0	0	0	0	0	0	16,449
FY 2018 20-Year LP&L Revenue Bonds	115,225	0	0	0	0	0	0	115,225
FY 2021 20-Year LP&L Revenue Bonds	4,805,000	0	0	0	0	0	0	4,805,000
FY 2021 30-Year LP&L Revenue Bonds	5,172,891	0	0	0	0	0	0	5,172,891
FY 2022 LP&L Revenue Bonds	6,445,000	0	0	0	0	0	0	6,445,000
Total Funding Sources	16,554,565	0	0	0	0	0	0	16,554,565

Managing Department **Electric Distribution Su**Project Manager **Jarrod Huse**Project Classification **Replacement Infrastructure**Project Status **Approved****Project Scope**

This project includes engineering, planning, easement & material acquisition and construction labor necessary to facilitate reroutes, upgrades and new installations of underground feeders, sub-feeders, switchgear, transformers, street lights, secondary services and removal of LP&L overhead facilities in downtown Lubbock. Purposes for which being to upgrade infrastructure, improve system reliability, minimize overhead facilities and accommodate redevelopment projects. Geographic limits to the project are Marsha Sharp Freeway to 19th St and Avenue Q to Interstate 27.

Project Justification

LP&L currently serves a significant portion of the downtown area with overhead facilities. This project allows LP&L to upgrade/modernize its system by relocating underground where feasible.

Project History

\$650,000 was appropriated in the FY 2020-21 Budget, Ord. No. 2020-00123, October 1, 2020.

\$1,725,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	2,375,000	0	915,000	0	0	0	0	3,290,000
Total Project Appropriation	2,375,000	0	915,000	0	0	0	0	3,290,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2014 LP&L Revenue Bonds	43,289	0	0	0	0	0	0	43,289
FY 2016 LP&L Revenue Bonds	304,222	0	0	0	0	0	0	304,222
FY 2018 20-Year LP&L Revenue Bonds	250,000	0	0	0	0	0	0	250,000
FY 2021 20-Year LP&L Revenue Bonds	400,000	0	0	0	0	0	0	400,000
FY 2022 LP&L Revenue Bonds	1,377,489	0	0	0	0	0	0	1,377,489
FY 2024 20-Year LP&L Revenue Bonds	0	0	915,000	0	0	0	0	915,000
Total Funding Sources	2,375,000	0	915,000	0	0	0	0	3,290,000

Managing Department **7611-Transmission Supervision & Engineering**Project Manager **Luke Miller**Project Classification **Infrastructure Improvements**Project Status **Approved***Project Scope*

This project will cover LP&L's costs of a portion of the Fiddlewood to Farmland 345kV transmission line.

Project Justification

LP&L anticipates that it will own a portion of the Fiddlewood to Farmland 345kV transmission line. This project is needed to account for the costs associated with the portion of the Fiddlewood to Farmland 345kV transmission line that LP&L will own.

Project History

\$8,000,000 was appropriated in FY 2020-21, Budget Amendment No. 23, Ord. No. 2020-00055, May 25, 2021.

Reduced appropriation by \$1,750,000 in FY 2021-22, BCR 2022-25, July 25, 2022.

Decreased \$1,250,000 in the Appropriation-To-Date in the FY 2022-23 Budget.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	5,000,000	0	0	0	0	0	0	5,000,000
Total Project Appropriation	5,000,000	0	0	0	0	0	0	5,000,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 30-Year LP&L Revenue Bonds	5,000,000	0	0	0	0	0	0	5,000,000
Total Funding Sources	5,000,000	0	0	0	0	0	0	5,000,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **7611-Distribution Supervision & Engineering**Project Manager **Jubal Mann**Project Classification **Replacement Facility**Project Status **Approved****Project Scope**

Purchase and install new substation power transformers. This project will include acquiring land from Pyco and expanding the existing substation. This project will also include installation of a new 23kV power transformer and all related equipment. This project will include the procurement and installation of the transformers, substation bus, breakers, and relay upgrades that will be required.

Project Justification

The project will replace two 40+ year old transformers at Co-op Substation. This will increase the capacity of the substation and provide greater operational reliability. This upgrade is necessary to permit the transfer of the 23kV infrastructure to the Electric Reliability Council of Texas (ERCOT) grid.

FERC Accounts: 361, 362

Estimated Useful Life: 30 years

Project History

\$5,670,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Increased \$1,400,000 in the Appropriation-To-Date in the FY 2022-23 Budget.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	6,700,000	0	0	0	0	0	0	6,700,000
Design and Engineering	370,000	0	0	0	0	0	0	370,000
Total Project Appropriation	7,070,000	0	0	0	0	0	0	7,070,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 20-Year LP&L Revenue Bonds	1,400,000	0	0	0	0	0	0	1,400,000
FY 2022 LP&L Revenue Bonds	5,670,000	0	0	0	0	0	0	5,670,000
Total Funding Sources	7,070,000	0	0	0	0	0	0	7,070,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Transmission And Distribution**Project Manager **Jubal Mann**Project Classification **Upgrade/Major Maintenance**Project Status **Approved***Project Scope*

Upgrade the capacity of Thompson Substation. This project will include installing a new 23kV transformer to help with 23kV loading in this area as well as all related equipment necessary to accomplish the task. This project also involves upgrading the existing aging 15kV transformers to help accommodate growing loads and improve reliability. The project will include the engineering, design, and procurement required to complete the project.

Project Justification

The project will increase the substation capacity required to successfully serve the increasing load growth requirements in the immediate and southwest part of LP&L service area. This will increase the capacity of the substation and provide greater operational reliability to the surrounding systems and substations.

FERC Accounts: 361, 362

Estimated Useful Life: 30 years

Project History

\$2,740,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Increased \$2,000,000 in the Appropriation-To-Date in the FY 2022-23 Budget.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	4,340,000	0	0	0	0	2,765,000	6,970,000	14,075,000
Design and Engineering	400,000	0	0	0	0	0	0	400,000
Total Project Appropriation	4,740,000	0	0	0	0	2,765,000	6,970,000	14,475,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 20-Year LP&L Revenue Bonds	2,000,000	0	0	0	0	0	0	2,000,000
FY 2022 LP&L Revenue Bonds	2,740,000	0	0	0	0	0	0	2,740,000
FY 2027 20-Year LP&L Revenue Bonds	0	0	0	0	0	2,765,000	0	2,765,000
FY 2028 LP&L 20-Year Revenue Bonds	0	0	0	0	0	0	6,970,000	6,970,000
Total Funding Sources	4,740,000	0	0	0	0	2,765,000	6,970,000	14,475,000

Managing Department **Transmission**Project Manager **Jubal Mann**Project Classification **Upgrade/Major Maintenance**Project Status **Approved****Project Scope**

Purchase and install new substation power transformers. This project will include an expansion of the yard into a previously owned water facility and the associated dirt work to meet substation standards. This project will also replace the existing switchgear and upgrade the relay protection. The relay protection upgrade includes; relay protection for the new substation transformers, additional feeders, and 115kV bus protection. This project will include the engineering, materials, and construction costs associated with the project. This project will involve relocating a transmission tie to a new location on the bus to improve reliability.

Project Justification

The project will replace a 30+ year old transformer at Vicksburg Substation that have reached it's end of life. This will increase the capacity of the substation and provide greater operational reliability.

The switchgear replacement is required to conform to the new LP&L standard substation design. Each of the transformers will be fed by a 115kV breaker and will connect to new overhead open air distribution busses that will serve 8 distribution feeder circuits. This new open air design configuration is easily expandable and safer than the existing metalclad switchgear.

The new relay protection for the transformers, feeders, and busses is required to implement the new LP&L standard design for a fully integrated substation protection package. This protection is designed to quickly isolate faulted parts of the transmission system in order to protect the equipment, protect the unaffected parts of the system, and to improve the reliability of the transmission network. The relay protection includes primary and backup protection for all protection areas/schemes.

Project History

\$8,660,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Increased \$3,127,891 in the Appropriation-To-Date in the FY 2022-23 Budget.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	10,850,000	0	0	0	0	0	0	10,850,000
Design and Engineering	1,567,891	0	0	0	0	0	0	1,567,891
Total Project Appropriation	12,417,891	0	0	0	0	0	0	12,417,891

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 20-Year LP&L Revenue Bonds	630,000	0	0	0	0	0	0	630,000
FY 2021 30-Year LP&L Revenue Bonds	3,127,891	0	0	0	0	0	0	3,127,891
FY 2022 LP&L Revenue Bonds	8,660,000	0	0	0	0	0	0	8,660,000
Total Funding Sources	12,417,891	0	0	0	0	0	0	12,417,891

Managing Department **Transmission And Distribution***Project Manager* **Kody Morris***Project Classification* **Infrastructure Improvements***Project Status* **Approved***Project Scope*

This project will entail of the following: Installation of 7 roll up overhead doors measuring 16' X 12' to allow for tuck pull through parking; installation of a concrete slope/pad to account for existing footer to assist in transition to outside surface and drainage; removal of half of the existing loft inside the building to allow space for overhead doors and adequate room to park equipment; installation of new electrical and lighting inside the building; installation of insulation to assist with climate control and limit dust, water, etc.; and repair ventilation to allow for adequate air flow inside the building.

Project Justification

Currently LP&L does not have adequate facilities to house the equipment and material that will be needed for the fleet of the transmission crew that will be added in the FY 21-22 budget. The fleet required for this crew is the most specialized and expensive in the organization. It will be used to work at heights up to 150' so care and maintenance of the equipment is of the upmost importance for safety reasons. In addition, we don't have adequate storage for all of the different material required to maintain our transmission lines. We have identified existing facilities in the Cooke Production yard that will meet these needs. The facility has adequate space to store the equipment and material that will be used by this crew on a daily basis in addition to office space required for the crew. In order to serve this purpose, the facility will require updates and refurbishment.

Project History

\$205,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	205,000	0	0	0	0	1,100,000	0	1,305,000
Design and Engineering	0	0	0	0	0	200,000	0	200,000
Total Project Appropriation	205,000	0	0	0	0	1,300,000	0	1,505,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2022 LP&L Cash	205,000	0	0	0	0	0	0	205,000
FY 2027 LP&L Cash	0	0	0	0	0	1,300,000	0	1,300,000
Total Funding Sources	205,000	0	0	0	0	1,300,000	0	1,505,000

Managing Department **Distribution***Project Manager* **Amos Magallan***Project Classification* **Upgrade/Major Maintenance***Project Status* **Approved***Project Scope*

Purchase and install a new 23kV substation power transformer. This will include the engineering, procurement and installation of the power transformer, substation bus, breaker and relay equipment.

Project Justification

This project will install a new 23kV power transformer at Yellow House Substation. This will increase capacity and provide greater operational reliability.

Project History

\$1,335,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Increased \$3,22,891 in the Appropriation-To-Date in the FY 2022-23 Budget.

\$2,950,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	4,200,000	2,650,000	0	0	0	0	0	6,850,000
Design and Engineering	457,891	300,000	0	0	0	0	0	757,891
Total Project Appropriation	4,657,891	2,950,000	0	0	0	0	0	7,607,891

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 30-Year LP&L Revenue Bonds	3,322,891	0	0	0	0	0	0	3,322,891
FY 2022 30-Year LP&L Revenue Bonds	1,335,000	2,950,000	0	0	0	0	0	4,285,000
Total Funding Sources	4,657,891	2,950,000	0	0	0	0	0	7,607,891

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Distribution**Project Manager **Joseph Kidd**Project Classification **Upgrade/Major Maintenance**Project Status **Approved***Project Scope*

Purchase and install a new 23kV substation power transformer. This will include the engineering, procurement and installation of the power transformer, substation bus, breaker and relay equipment.

Project Justification

This project will install a new 23kV power transformer at McDonald Substation. This will increase capacity and provide greater operational reliability.

Project History

\$1,410,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

\$650,000 was appropriated in the FY 2021-22 Budget, BCR# 2022-28, September, 2022.

\$125,000 was appropriated in the FY 2021-22 Budget, BCR# 2022-25, July 25, 2022.

\$2,950,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	4,775,000	2,650,000	0	0	0	0	0	7,425,000
Design and Engineering	482,890	300,000	0	0	0	0	0	782,890
Total Project Appropriation	5,257,890	2,950,000	0	0	0	0	0	8,207,890

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2021 30-Year LP&L Revenue Bonds	3,197,890	0	0	0	0	0	0	3,197,890
FY 2022 30-Year LP&L Revenue Bonds	1,410,000	2,950,000	0	0	0	0	0	4,360,000
FY 2022 LP&L Revenue Bonds	650,000	0	0	0	0	0	0	650,000
Total Funding Sources	5,257,890	2,950,000	0	0	0	0	0	8,207,890

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Transmission**Project Manager **Paul Koberlein**Project Classification **Infrastructure Improvements**Project Status **Approved***Project Scope*

Purchase, install, and implement multiple upgrades to DNV-GL Cascade (facilities management software), including LOAD and Powerbase modules, which are purpose-built solutions for compliance with NERC Reliability Standards FAC-008-3 Facility Ratings and PRC-005-1.1b Protection System Maintenance. This will also include training of staff for new modules and upgrades.

Project Justification

The current method of facility ratings management used by LP&L is severely lacking in version control and accuracy. The LOAD plugin for DNV-GL Cascade is a fully-fledged FAC-008-3 tool, complete with version control, automatic evidence generation, and several other technical features. The Powerbase module is a fully-equipped PRC-005 tool that will be instrumental in gathering evidence regarding relay testing and maintenance. At this time, Cascade is in need of major upgrade, due to outdated software versions and lacking modules, in order to implement LOAD, Powerbase, or continue using Cascade effectively, upgrades must be performed.

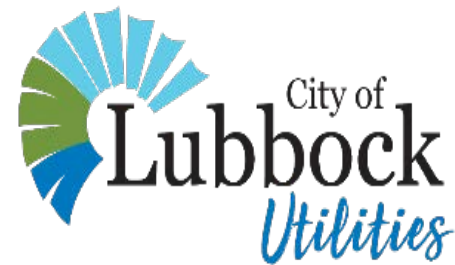
Project History

\$250,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Technology	250,000	0	0	0	0	0	0	250,000
Total Project Appropriation	250,000	0	0	0	0	0	0	250,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2022 LP&L Cash	250,000	0	0	0	0	0	0	250,000
Total Funding Sources	250,000	0	0	0	0	0	0	250,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Electric Customer Service***Project Manager* **Jamie Wood***Project Classification* **Administrative***Project Status* **Approved***Project Scope*

Increase the number of phone lines for the call center from 100 to 200. This includes the Computex upgrade to the Cisco phone system and the Waterfield Interactive Voice Response (IVR). LP&L will also add two (2) toll free phone numbers and modify the existing IVR to accommodate the functions of the new toll free numbers.

Project Justification

Throughout the year, there are times when the current 100 phone lines are not sufficient for the number of customers that are calling at once. This typically happens around periods of extreme high or low temperatures or around Texas Tech move in/out. This means that the customers calling will get a busy signal and will not have the option to access any of the self service functions such as pay by phone or outage reporting, or the option to speak with a representative.

LPL will be joining the ERCOT market in a Transmission Distribution Service Provider (TDSP) capacity offering retail choice to electric customers. Per Public Utility Commission (PUC) requirements as a TDSP in ERCOT we must provide a toll free number for customers to report outages (per MOU tariff section 4.10.1) as well as a toll free number for the market operations group that works directly with the retailers (per MOU tariff Appendix A Section III).

Project History

\$202,246 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.

\$168,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Technology	202,246	168,000	0	0	0	0	0	370,246
Total Project Appropriation	202,246	168,000	0	0	0	0	0	370,246

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2022 LP&L Cash	202,246	0	0	0	0	0	0	202,246
FY 2023 LP&L Cash	0	168,000	0	0	0	0	0	168,000
Total Funding Sources	202,246	168,000	0	0	0	0	0	370,246

Managing Department **Electric Utilities Admin**

Project Manager **Felix Orta**

Project Classification **New Equipment/Fleet**

Project Status **Approved**



Project Scope

The following vehicles and equipment need costly repairs or have become unreliable and will be replaced with a similar unit (with the exception of Production, Meter Shop, Underground, Overhead, and Transmission Engineering, nine (9) of the units will be replaced with 4 wheel drive units):

Admin:

22006217 2006 Chevrolet 2500

Production:

22008191 2008 Chevrolet 2500

22008192 2008 Chevrolet 2500

12008098 2008 Chevrolet 1500

Field Service:

12008105 2008 Chevrolet 1500

Meter Shop:

22008188 2008 Chevrolet C2500

12008193 2008 Chevrolet Trailblazer

Underground:

12007143 2007 Chevrolet Colorado

82010071 2010 Freightliner Dump Truck

52011003 2011 Dodge 5500

62011050 2011 Intl 4400

02010123 2010 Ditchwitch Pothole Machine

92009186 2009 John Deere Excavator

Overhead:

22008186 2008 Chevy 2500

22008189 2008 Chevy 2500

22008190 2008 Chevy 2500

Street Light:

52012005 2012 Ford F550

01996128 1996 Shopmade Trailer

42008102 2008 Intl Aerial

52011009 2011 Dodge 5500

Substation:

01997300 1997 Shopmade Tanker On Trailer

Service :

52013001 2013 Ford F550

52013002 2013 Ford F550

52013003 2013 Ford F550

Transmission Engineering:
12007142 2008 Chevrolet C1500

The following vehicle is a new additions to the fleet Street Light Department due to the addition of a bucket truck.

Street Light:
Bucket Truck

If funding is available after the above items are purchased, additional vehicle or equipment items may be purchased as necessary.

Project Justification

The vehicles and heavy equipment above have been inspected and deemed unreliable. This is causing delays in service, response times, and productivity. Future funding is necessary for replacement vehicles and equipment currently on the replacement list. The list is reviewed each year to determine the actual need for replacement.

FERC Accounts: 392, 394, 396

Estimated Useful Lives:

- *Pickups - 12 years
- *Bucket - 7 years
- *Trailers - 15 years
- *Pothole Machine – 10 years
- *Trailblazer - 12 years
- *Dump Truck - 18 years
- *Intl 4400 - 11 years
- *Excavator - 12 years

Project History

\$2,625,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-O0126, October 1, 2021.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Other Activites	2,625,000	0	0	0	0	0	0	2,625,000
Total Project Appropriation	2,625,000	0	0	0	0	0	0	2,625,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2022 LP&L Cash	2,625,000	0	0	0	0	0	0	2,625,000
Total Funding Sources	2,625,000	0	0	0	0	0	0	2,625,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Electric Production Oper**

Project Manager **Michael Winegeart**

Project Classification **Upgrade/Major Maintenance**

Project Status **Approved**



Project Scope

Design, build, and install a new turbine and generator control system, voltage regulator, protective relays, and necessary field devices and wiring for Cooke Gas Turbine #3 (GT3). Perform necessary calibrations, loop checks, and system checkout to commission the unit.

Turbine Control Panel (TCP)

- Engineering of TCP
- Build and configuration of control logic for the TCP
- Factory Acceptance Test (FAT) of New TCP
- Install TCP
- Run wiring from TCP to field devices
- Loop Checks
- Panel calibration
- System checkout
- Startup support

Generator Control Panel (GCP)

- Build and configuration of GCP
- Includes new automatic voltage regulator and protection relays
- Replace SCT/PPT exciter power components
- Factory Acceptance Test of new GCP
- Install GCP
- Termination of wiring & devices
- Loop checks
- Panel calibration
- System checkout
- Startup support

Project Justification

In June of 2015, GT3 experienced a bearing failure which caused catastrophic damage to the gas turbine rotor, gears, and generator. In fiscal year 2019-2020, the gas turbine engine was completely overhauled and the generator has been rewound. The current control system is the original system installed in 1974. During the rebuild of the turbine and rotor, LP&L hired an outside contractor who specializes in vintage control systems to come on site to repair and commission the existing control system. After several weeks of work by the contractor and LP&L personnel, no progress was made to get the existing system up and running. The determination was made that GT3 will not run without a new control system installed.

Project History

\$900,000 was appropriated in the FY 2021-22 Budget, Ord. No. 2021-00126, October 1, 2021.
\$542,000 was appropriated in the FT 2021-22 Budget, Ord. No. 2022-00046, April 26, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	887,000	0	0	0	0	0	0	887,000
Design and Engineering	400,000	0	0	0	0	0	0	400,000
Other Activites	155,000	0	0	0	0	0	0	155,000
Total Project Appropriation	1,442,000	0	0	0	0	0	0	1,442,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2019 LP&L Cash	312,000	0	0	0	0	0	0	312,000
FY 2020 LP&L Cash	230,000	0	0	0	0	0	0	230,000
FY 2022 LP&L Cash	900,000	0	0	0	0	0	0	900,000
Total Funding Sources	1,442,000	0	0	0	0	0	0	1,442,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Electric Production Main**Project Manager **Michael Winegeart**Project Classification **Upgrade/Major Maintenance**Project Status **Approved***Project Scope*

Repair and restore Gas Turbine #8 at Massengale Station. The project includes costs related to engineering and repairs of the gas turbine and auxiliary equipment.

Project Justification

In September of 2021, Gas Turbine #8 at Massengale Station suffered a forced outage and is out for repairs. Returning this generation unit to service will provide capacity for LP&L to serve its native load in the Electric Reliability Council of Texas (ERCOT)

FERC Accounts: 343

Estimated Useful Life: 10 years

Project History

\$4.5 million is appropriated in FY 2021-22 Budget Amendment 9, Ord. No. 2022-00005, January 25, 2022.

Increased appropriation by \$1,500,000 in FY 2021-22, BCR# 2022-2, February 28, 2022.

Increased appropriation by \$1,750,000 in FY 2021-22, BCR# 2022-25, July 25, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	7,750,000	0	0	0	0	0	0	7,750,000
Total Project Appropriation	7,750,000	0	0	0	0	0	0	7,750,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2022 30-Year LP&L Revenue Bonds	1,750,000	0	0	0	0	0	0	1,750,000
FY 2022 LP&L Cash	6,000,000	0	0	0	0	0	0	6,000,000
Total Funding Sources	7,750,000	0	0	0	0	0	0	7,750,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Electric Distribution En**Project Manager **Austin Board**Project Classification **Replacement Infrastructure**Project Status **Approved***Project Scope*

Re-build & upgrade existing distribution facilities to move over and wreck-out 4kV facilities.

Project Justification

The eight current 4kV substations were built in the 40s and 50s and have exceeded their expected life span. The substation transformers are failing and it is difficult to procure replacements and spare parts. In addition, the distribution facilities for these 4kV feeders, totaling approximately 115.5 miles and 2,823 customers, are a reliability liability. In order for the existing distribution facilities to reliably handle the offloading of the 4kV system, line upgrades and re-builds will be necessary.

Project History

\$1,654,273 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	1,600,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,600,000
Design and Engineering	0	54,273	90,000	115,000	140,000	165,000	165,000	729,273
Total Project Appropriation	0	1,654,273	1,090,000	1,115,000	1,140,000	1,165,000	1,165,000	7,329,273

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2022 LP&L Revenue Bonds	0	1,654,273	0	0	0	0	0	1,654,273
FY 2024 20-Year LP&L Revenue Bonds	0	0	1,090,000	0	0	0	0	1,090,000
FY 2025 20-Year LP&L Revenue Bonds	0	0	0	1,115,000	0	0	0	1,115,000
FY 2026 20-Year LP&L Revenue Bonds	0	0	0	0	1,140,000	0	0	1,140,000
FY 2027 20-Year LP&L Revenue Bonds	0	0	0	0	0	1,165,000	0	1,165,000
FY 2028 LP&L 20-Year Revenue Bonds	0	0	0	0	0	0	1,165,000	1,165,000
Total Funding Sources	0	1,654,273	1,090,000	1,115,000	1,140,000	1,165,000	1,165,000	7,329,273

Managing Department **Electric Distribution Su**Project Manager **Michael Coomer**Project Classification **Upgrade/Major Maintenance**Project Status **Approved***Project Scope*

To upgrade security features including video, audio, motion detection and other security components of transmission voltage rated substations. This is to minimize the impact of break-ins, thefts, vandalism, sabotage, etc.

Project Justification

To meet security requirements of the Federal Energy Regulatory Commission (FERC), the North American Electric Reliability Corporation (NERC), the Electric Reliability Council of Texas (ERCOT), the Public Utility Commission of Texas (PUCT), and LP&L security and operational requirements for substations and control houses.

Project History

\$350,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	300,000	400,000	0	0	0	0	700,000
Design and Engineering	0	50,000	0	0	0	0	0	50,000
Total Project Appropriation	0	350,000	400,000	0	0	0	0	750,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2023 LP&L Cash	0	350,000	0	0	0	0	0	350,000
FY 2024 LP&L Cash	0	0	400,000	0	0	0	0	400,000
Total Funding Sources	0	350,000	400,000	0	0	0	0	750,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Electric Distribution Su**Project Manager **Michael Coomer**Project Classification **Upgrade/Major Maintenance**Project Status **Approved****Project Scope**

To upgrade security features, to include video, audio, access control, motion detection and other security components of The Hill building for National Security, FERC, NERC and LP&L security requirements, while standardizing building security. This is to minimize the impact of break-ins, thefts, vandalism, sabotage, etc.

Project Justification

To meet LP&L security and operational security requirements.

Project History

\$110,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	100,000	0	0	0	0	0	100,000
Design and Engineering	0	10,000	0	0	0	0	0	10,000
Total Project Appropriation	0	110,000	0	0	0	0	0	110,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2023 LP&L Cash	0	110,000	0	0	0	0	0	110,000
Total Funding Sources	0	110,000	0	0	0	0	0	110,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Electric Utilities Admin**Project Manager **Jamie Wood**Project Classification **Administrative**Project Status **Approved***Project Scope*

Relocate a significant number of the file cabinets from throughout the basement into the vault/storage area. This would allow for approximately 12 additional cubicles to be put in on the basement level. Additional cubicles are needed on the first floor; expected number to be approx. 4-6. Cost to install the additional cubicles is estimated at \$6k each (\$108k). Additional construction is required to transition the conference room on the SE side of the basement into two offices, that is estimated to cost \$30k. The lead time on these addition is currently 16 weeks.

Project Justification

COLU staffing has grown in such a way that we are currently at full capacity. Currently, COLU front line staff is occupying Citizen's Tower lobby to accommodate our current work station shortages. If it is required that front line customer service return to the UCSC building there will be a need for 9 additional spaces. With the anticipated addition of a market operations group (approx. 10-12 additional work spaces) related to LPL's entrance into ERCOT as well as opting into retail competition, there are not enough workstations or offices to accommodate staff in the current UCSC building configuration.

Project History

\$138,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	138,000	0	0	0	0	0	138,000
Total Project Appropriation	0	138,000	0	0	0	0	0	138,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2023 LP&L Cash	0	138,000	0	0	0	0	0	138,000
Total Funding Sources	0	138,000	0	0	0	0	0	138,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0



Managing Department **Electric Utilities Admin**

Project Manager **Felix Orta**

Project Classification **New Equipment/Fleet**

Project Status **Approved**



Project Scope

The following vehicles and equipment need costly repairs or have become unreliable and will be replaced with a similar unit (with the exception of Field Service, Underground, Overhead, Substation, Engineering, and Transmission Engineering, eight (8) of the units will be replaced with 4 wheel drive units):

Field Service:

12009229 2009 Chevrolet Silverado 1500

12009230 2009 Chevrolet Silverado 1500

Meter Shop:

22008188 2008 Chevrolet C2500

12008193 2008 Chevrolet Trailblazer

Underground:

32008074 2008 Chevrolet 3500

72011030 2011 Intl Derrick

72011031 2011 Intl Derrick

12013075 2013 Toyota Tacoma

Overhead:

12009215 2009 Chevrolet 2500

72003061 2003 Dump Dump

71993123 1993 Chevrolet Pole Truck

72012003 2012 Intl Aerial

22008187 2008 Chevrolet 2500

01995103 1995 Atok Pole Trailer

Street Light:

52014004 2014 Ford F550 Ext

Substation:

32000096 2000 Ford F250

Service:

52014003 2014 Ford F550 Ext

Engineering:

22009235 2009 Chevrolet C1500 Ext

Transmission Engineering:

12007142 2007 Chevrolet Colorado

Project Justification

The vehicles and heavy equipment above have been inspected and deemed unreliable. This is causing delays in service, response times, and productivity. Future funding is necessary for replacement vehicles and equipment currently on the replacement list. The list is reviewed each year to determine the actual need for replacement.

FERC Accounts: 392, 394, 396

Estimated Useful Lives:

*Pickups - 12 years

*Bucket - 7 years

*Trailers - 15 years

*Pothole Machine – 10 years

*Trailblazer - 12 years

*Dump Truck - 18 years

*Intl 4400 - 11 years

*Excavator - 12 years

Project History

\$1,715,000 was appropriated in the FY 2022-23 Budget, Ord. No. 2022-00136, October 1, 2022.

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Project Amount
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Other Activites	0	1,715,000	1,765,000	1,815,000	1,865,000	1,915,000	1,965,000	11,040,000
Total Project Appropriation	0	1,715,000	1,765,000	1,815,000	1,865,000	1,915,000	1,965,000	11,040,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2023 LP&L Cash	0	1,715,000	0	0	0	0	0	1,715,000
FY 2024 LP&L Cash	0	0	1,765,000	0	0	0	0	1,765,000
FY 2025 LP&L Cash	0	0	0	1,815,000	0	0	0	1,815,000
FY 2026 LP&L Cash	0	0	0	0	1,865,000	0	0	1,865,000
FY 2027 LP&L Cash	0	0	0	0	0	1,915,000	0	1,915,000
FY 2028 LP&L Cash	0	0	0	0	0	0	1,965,000	1,965,000
Total Funding Sources	0	1,715,000	1,765,000	1,815,000	1,865,000	1,915,000	1,965,000	11,040,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department 7611-Transmission Supervision & Engineering

Project Manager Joseph Kidd

Project Classification Replacement Infrastructure

Project Status Requested



Project Scope

Purchase and install new substation power transformers. This project will include the procurement and installation of the transformers and the associated bus, breaker, and relay upgrades that will be required along with the larger capacity transformers.

Project Justification

The project will replace two 40+ year old transformers (1973) at Erskine Substation. This will increase capacity and provide better reliability.

FERC Accounts: 361, 362

Estimated Useful Life: 30 years

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	2,540,000	5,570,000	0	0	8,110,000
Design and Engineering	0	0	730,000	0	0	0	0	730,000
Total Project Appropriation	0	0	730,000	2,540,000	5,570,000	0	0	8,840,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2024 20-Year LP&L Revenue Bonds	0	0	730,000	0	0	0	0	730,000
FY 2025 20-Year LP&L Revenue Bonds	0	0	0	2,540,000	0	0	0	2,540,000
FY 2026 20-Year LP&L Revenue Bonds	0	0	0	0	5,570,000	0	0	5,570,000
Total Funding Sources	0	0	730,000	2,540,000	5,570,000	0	0	8,840,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department 7611-Transmission Supervision & Engineering

Project Manager Joseph Kidd

Project Classification Replacement Infrastructure

Project Status Requested



Project Scope

Purchase and install new substation power transformers. This project will include the procurement and installation of the transformers, substation bus, breakers, and relay upgrades that will be required.

Project Justification

The project will replace two 40+ year old transformers at Mackenzie Substation. This will increase the capacity of the substation and provide greater operational reliability.

FERC Accounts: 361, 362

Estimated Useful Life: 30 years

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	0	0	0	2,830,000	2,830,000
Design and Engineering	0	0	0	0	0	815,000	0	815,000
Total Project Appropriation	0	0	0	0	0	815,000	2,830,000	3,645,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2027 20-Year LP&L Revenue Bonds	0	0	0	0	0	815,000	0	815,000
FY 2028 LP&L 20-Year Revenue Bonds	0	0	0	0	0	0	2,830,000	2,830,000
Total Funding Sources	0	0	0	0	0	815,000	2,830,000	3,645,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Transmission***Project Manager* **Paul Koberlein***Project Classification* **Infrastructure Improvements***Project Status* **Requested***Project Scope*

Rebuild 115kV transmission line from Coop Substation to McCullough Substation. The new transmission line will be 959.6 aluminum conductor steel supported trapezoidal wire (ACSS/TW) with an optical ground wire (OPGW) static neutral wire. Rebuilding is a term used when a line has to be replaced, completely torn down, and rebuilt. This transmission line is 3.5 miles long and the project includes the estimated engineering, materials, and construction costs associated with rebuilding the transmission line.

Project Justification

To alleviate overloading concern, the line has to be rebuilt to increase the ampacity of the transmission line. Increasing the ampacity of the transmission line means to remove the existing 795 Aluminum Conductor Steel Reinforced (ACSR) conductor and install a bigger conductor to increase the amount of current (Amps) that the transmission line can carry. In this case, LP&L would install 959.6 ACSS/TW to satisfy the rating required on the transmission line. If the existing poles can handle the loads of the new proposed conductors, the project could potentially become a re-conductor project. A re-conductor project only involves taking down the wires and hardware and replacing them with new hardware and larger wires. However, it is most likely that the existing poles are not capable of handling the loading of the new conductors being installed.

FERC Accounts: 350,355,356

Estimated Useful Life: 30 years

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	0	0	0	13,645,000	13,645,000
Design and Engineering	0	0	0	0	0	800,000	0	800,000
Total Project Appropriation	0	0	0	0	0	800,000	13,645,000	14,445,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2027 30-Year LP&L Revenue Bonds	0	0	0	0	0	800,000	0	800,000
FY 2028 LP&L 30-Year Revenue Bonds	0	0	0	0	0	0	13,645,000	13,645,000
Total Funding Sources	0	0	0	0	0	800,000	13,645,000	14,445,000

Managing Department **Transmission***Project Manager* **Paul Koberlein***Project Classification* **Infrastructure Improvements***Project Status* **Requested***Project Scope*

Rebuild 115kV transmission line from McDonald Substation to Northwest Substation. The new transmission line will be 959.6 aluminum conductor steel supported trapezoidal wire (ACSS/TW) with an optical ground wire (OPGW) static neutral wire. The final determination of a conductor may be subject to change based on engineering analysis. Rebuilding is a term used when a line has to be replaced, completely torn down, and rebuilt. This transmission line is 5.4 miles long and the project includes the estimated engineering, materials, and construction costs associated with rebuilding the transmission line.

Project Justification

To alleviate overloading concern, the line has to be rebuilt to increase the ampacity of the transmission line. In planning models, this transmission line overloads under emergency (N-1 or X-1) conditions. Increasing the ampacity of the transmission line means to remove the existing 795 Aluminum Conductor Steel Reinforced (ACSR) conductor and install a larger conductor to increase the amount of current (Amps) that the transmission line can carry. LP&L plans to install 959.6 ACSS/TW to raise the rating of the transmission line. If the existing poles can handle the loads of the new proposed conductors, the project would potentially become a re-conductor project. A re-conductor project only involves taking down the wires and hardware and replacing them with new hardware and larger wires. However, it is most likely that the existing poles are not capable of handling the loading of the new larger and heavier conductors being installed.

FERC Accounts: 350,355,356

Estimated Useful Life: 30 years

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	0	0	3,000,000	4,365,000	7,365,000
Design and Engineering	0	0	0	0	0	1,365,000	0	1,365,000
Total Project Appropriation	0	0	0	0	0	4,365,000	4,365,000	8,730,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2027 30-Year LP&L Revenue Bonds	0	0	0	0	0	4,365,000	0	4,365,000
FY 2028 LP&L 30-Year Revenue Bonds	0	0	0	0	0	0	4,365,000	4,365,000
Total Funding Sources	0	0	0	0	0	4,365,000	4,365,000	8,730,000

Managing Department **Transmission And Distribution***Project Manager* **Paul Koberlein***Project Classification* **Replacement Infrastructure***Project Status* **Requested***Project Scope*

Rebuild 1.5 miles of a 69kV transmission line from the Brandon Substation to the Red Raider Substation. The transmission line is primarily constructed of 70-75 foot wood poles and has single-circuit or double-circuit distribution under-build for most of the line. The new transmission line will be 959.6 aluminum conductor steel supported trapezoidal wire (ACSS/TW) with an optical ground wire (OPGW) static neutral wire, however the final determination of the conductor is subject to change based on engineering analyses. The line may be re-insulated for 115kV if deemed necessary, and is a design change that does not affect the operation of the line.

Rebuilding is a term used when a line has to be replaced, completely torn down, and rebuilt. A rebuild job is different from a re-conductor job, a re-conductor job only involves taking down the wires and hardware and replacing them with new hardware and larger wires. Installing a larger wire/conductor also lowers or decreases the resistance of the transmission line. This decreases losses and increases efficiency.

The engineering analysis on the transmission pole line will determine whether the double circuit structures on the line (shared with the Brandon to Erskine line) will need to be replaced to accommodate 959.6 ACSS/TW conductor specifications and proper phase spacing for 115kV insulation. The project will also reconductor 1.5 miles of 477 Aluminum Conductor Steel Reinforced (ACSR) conductor that is on a double circuit steel pole line (in parallel with the Brandon to Erskine transmission line). The project includes the estimated engineering, material, and construction costs associated with rebuilding the transmission line.

Project Justification

The existing 477 ACSR 69kV transmission line has exceeded its life expectancy as it was built in the 1960s. This is also a high impedance line restricting the power flow in the transmission system thus putting adjacent lines in danger of exceeding their capacity during emergency (N-1 or X-1) conditions. The new transmission line may be insulated for 115kV, but the line will continue to be operated at 69kV until such time that the transmission planning group deems it necessary to prevent system overloads.

FERC Accounts: 350, 355, 356

Estimated Useful Life: 30 years

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	0	1,140,000	4,260,000	4,260,000	9,660,000
Total Project Appropriation	0	0	0	0	1,140,000	4,260,000	4,260,000	9,660,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2026 30-Year LP&L Revenue Bonds	0	0	0	0	1,140,000	0	0	1,140,000
FY 2027 30-Year LP&L Revenue Bonds	0	0	0	0	0	4,260,000	0	4,260,000
FY 2028 LP&L 30-Year Revenue Bonds	0	0	0	0	0	0	4,260,000	4,260,000
Total Funding Sources	0	0	0	0	1,140,000	4,260,000	4,260,000	9,660,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Transmission***Project Manager* **Jamie Case***Project Classification* **Replacement Infrastructure***Project Status* **Requested***Project Scope*

Rebuild 0.5 miles of a 69kV transmission line from the Brandon Substation to the Erskine Substation. The transmission line is primarily constructed of 70-75 foot wood poles and has single-circuit or double-circuit distribution under-build for most of the line. The new transmission line will be 959.6 aluminum conductor steel supported trapezoidal wire (ACSS/TW) with an optical ground wire (OPGW) static neutral wire, however the final determination of the conductor is subject to change based on engineering analyses. The line may be re-insulated for 115kV if deemed necessary, and is a design change that does not affect the operation of the line.

Rebuilding is a term used when a line has to be replaced, completely torn down, and rebuilt. A rebuild job is different from a re-conductor job, a re-conductor job only involves taking down the wires and hardware and replacing them with new hardware and larger wires. Installing a larger wire / conductor also lowers or decreases the resistance of the transmission line. The engineering analysis on the transmission pole line will determine whether the double circuit structures on the line (shared with Brandon to Red Raider line) will need to be replaced to accommodate 959.6 ACSS/TW conductor specifications and proper phase spacing for 115kV insulation.

The project will also re-conductor 1.5 miles of 477 Aluminum Conductor Steel Reinforced (ACSR) conductor that is on a double circuit steel pole line (in parallel with the Brandon to Red Raider Transmission line). The project includes the estimated engineering, material, and construction cost associated with rebuilding the transmission line.

Project Justification

The existing 477 ACSR 69kV transmission line has exceeded its life expectancy as it was built in the 1960s. This is also a high impedance line restricting the power flow in the transmission system thus putting adjacent lines in danger of exceeding their capacity during emergency (N-1 or X-1) conditions. The new transmission line may be insulated for 115kV, but the line will continue to be operated at 69kV until such time that the transmission planning group deems it necessary to prevent system overloads.

FERC Accounts: 350, 355, 356

Estimated Useful Life: 30 years

Project History

<i>Appropriation Detail</i>	Appropriation to Date	FY 2022-23	Unappropriated Planning Years					Total Appropriation
			FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	1,115,000	5,160,000	5,270,000	0	11,545,000
Total Project Appropriation	0	0	0	1,115,000	5,160,000	5,270,000	0	11,545,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2025 30-Year LP&L Revenue Bonds	0	0	0	1,115,000	0	0	0	1,115,000
FY 2026 30-Year LP&L Revenue Bonds	0	0	0	0	5,160,000	0	0	5,160,000
FY 2027 30-Year LP&L Revenue Bonds	0	0	0	0	0	5,270,000	0	5,270,000
Total Funding Sources	0	0	0	1,115,000	5,160,000	5,270,000	0	11,545,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Substation***Project Manager* **Michael Coomer***Project Classification* **Replacement Facility***Project Status* **Requested***Project Scope*

Construction and engineering of new metal building with offices for the Substation Department.

Project Justification

New building will hold offices and equipment vital to the LP&L infrastructure. It would allow us to store equipment inside, out of the weather, when not in use. That would help cut down on equipment maintenance. It would also free up office space for other departments (example: Streetlight or Service Department) and relieve some of the parking issues that are occurring.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	0	1,100,000	0	0	1,100,000
Design and Engineering	0	0	0	0	235,000	0	0	235,000
Total Project Appropriation	0	0	0	0	1,335,000	0	0	1,335,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2026 LP&L Cash	0	0	0	0	1,335,000	0	0	1,335,000
Total Funding Sources	0	0	0	0	1,335,000	0	0	1,335,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **7421-Distribution Street Lights***Project Manager* **Toby Warden***Project Classification* **Street Lighting***Project Status* **Requested***Project Scope*

Replace all high-pressure sodium streetlights throughout the City of Lubbock with high efficiency light-emitting diode (LED) fixtures with smart grid capable controllers in three phases spanning three fiscal years. Repair moderate to severe damage or aging as street light poles, bases, arms, fuses, termination boxes, conductor and power sources where identified. Utilize existing CGR mesh network, (AMI meters) and supplement as needed to provide fully integrated smart grid street light system within the city limits of Lubbock.

Project Justification

LED street lights provide vastly superior light output, clarity and efficiency when compared to old high-pressure sodium heads. High-pressure sodium heads are quickly becoming obsolete and manufacturers have started to discontinue replacement parts as states and municipalities nationwide move to LED. Retrofitted LED fixtures reduce light pollution, which is misdirected light that is unintentionally transmitted into the sky. New LED roadway lights have flat fixtures that more efficiently focus the light where needed on the roadway while minimizing side and skyward glare. This would bring Lubbock closer to dark-sky compliance. Current street light power consumption estimates are 12 megawatts per night (non-revenue service to the city). Project energy savings with LED are 70%. In addition to substantial power consumption savings, a modern street light network will drastically reduce maintenance expenses. With smart grid technology, maintenance crews will be able to identify problems from the office instead of having to manually ride-out circuits looking for problems or relying on citizen reports of street light not operating correctly.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	0	700,000	700,000	700,000	2,100,000
Design and Engineering	0	0	0	0	440,000	465,000	465,000	1,370,000
Total Project Appropriation	0	0	0	0	1,140,000	1,165,000	1,165,000	3,470,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2026 LP&L Cash	0	0	0	0	1,140,000	0	0	1,140,000
FY 2027 LP&L Cash	0	0	0	0	0	1,165,000	0	1,165,000
FY 2028 LP&L Cash	0	0	0	0	0	0	1,165,000	1,165,000
Total Funding Sources	0	0	0	0	1,140,000	1,165,000	1,165,000	3,470,000

Managing Department **Distribution***Project Manager* **Kody Morris***Project Classification* **Infrastructure Improvements***Project Status* **Requested***Project Scope*

Provide for the construction of classroom and material storage at LP&L's training facility, as well as for the completion of landscaping and road construction.

Project Justification

Construction of a classroom facility to allow for expansion of LP&L's ability to train employees. This will also allow for completion of the landscaping, roads, and substantial completion of the facility. This facility can be used for technical training that requires both classroom and field exercises, allow for space to store material that is commonly used for training, and provide a safe environment for training. Additionally, this facility can be used as an educational resource for the community.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	290,000	0	0	0	290,000
Design and Engineering	0	0	110,000	0	0	0	0	110,000
Total Project Appropriation	0	0	110,000	290,000	0	0	0	400,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2024 LP&L Cash	0	0	110,000	0	0	0	0	110,000
FY 2025 LP&L Cash	0	0	0	290,000	0	0	0	290,000
Total Funding Sources	0	0	110,000	290,000	0	0	0	400,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Distribution***Project Manager* **Jubal Mann***Project Classification* **Infrastructure Improvements***Project Status* **Requested***Project Scope*

Upgrade or replace existing distribution equipment including but not limited to: capacitor banks, reclosers and switches with equipment that can be outfitted with radio transmitters or other communication equipment. Install radio towers or other communication infrastructure at necessary substations to permit data from field device to be relayed to the Supervisory Control and Data Acquisition (SCADA) system. This will allow SCADA to have access to telemetry data for field devices and remote operation where it makes sense.

Project Justification

Currently if our operation needs to operate a switch in the field they have to send out a crew to operate the required switch. This project will allow them to remotely operate the required switch. Additionally, if data is needed from the field on capacitor banks or reclosers someone has to go out to the field and connect to the device to get the data. This project will allow us to store this data in the historian for access at any time. Operations will also be able to monitor Power Factor in the field and operate capacitor banks as needed.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	0	0	500,000	750,000	1,250,000
Total Project Appropriation	0	0	0	0	0	500,000	750,000	1,250,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2027 20-Year LP&L Revenue Bonds	0	0	0	0	0	500,000	0	500,000
FY 2028 LP&L 20-Year Revenue Bonds	0	0	0	0	0	0	750,000	750,000
Total Funding Sources	0	0	0	0	0	500,000	750,000	1,250,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Electric Distribution En***Project Manager* **Joseph Kidd***Project Classification* **Upgrade/Major Maintenance***Project Status* **Requested***Project Scope*

Purchase and install new substation power transformers and additional necessary equipment. This will include the procurement and installation of substation breakers and relay upgrades.

Project Justification

The project will replace 50 year old transformers, antiquated breakers and line-backers. This will greatly increase the capacity and reliability of the substation. This upgrade will greatly enhance NERC compliance with the addition of modern relays and their functions such as hot line tag, storm mode, cold load pick up and under frequency load shedding.

Project History

<i>Appropriation Detail</i>	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	0	0	2,165,000	5,385,000	7,550,000
Design and Engineering	0	0	0	0	450,000	0	0	450,000
Total Project Appropriation	0	0	0	0	450,000	2,165,000	5,385,000	8,000,000

<i>Funding Detail</i>	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2026 20-Year LP&L Revenue Bonds	0	0	0	0	450,000	0	0	450,000
FY 2027 20-Year LP&L Revenue Bonds	0	0	0	0	0	2,165,000	0	2,165,000
FY 2028 LP&L 20-Year Revenue Bonds	0	0	0	0	0	0	5,385,000	5,385,000
Total Funding Sources	0	0	0	0	450,000	2,165,000	5,385,000	8,000,000

<i>Operating Budget Impact</i>	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0

Managing Department **Transmission And Distribution**Project Manager **Kody Morris**Project Classification **Upgrade/Major Maintenance**Project Status **Requested***Project Scope*

This project is to remodel the existing cafeteria area in the distribution building to accommodate a minimum of 6 offices. The project will be managed by City of Lubbock Facilities.

Project Justification

As Operations, T&D, and Production staff grows and/or utilizes the municipal hill building for essential functions, the need for additional office space has been identified. The cafeteria area is an open space that is under utilized. By turning this space into offices, we can maximize the space without having to construct a new building. There are existing restrooms and a conference room across the hall. These offices are currently needed for the Outage Coordinator, the Maintenance Planner, the Fleet Technician, the Production Management Assistant, and Electric Inspections Coordinators. All of these individuals are currently working in offices that are either temporary or are only available due to vacancies.

Project History

Appropriation Detail	Appropriation to Date	Unappropriated Planning Years						Total Appropriation
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
Construction	0	0	0	0	0	385,000	0	385,000
Total Project Appropriation	0	0	0	0	0	385,000	0	385,000

Funding Detail	Funding to Date	Unappropriated Planning Years						Total Funding
		FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
FY 2027 LP&L Cash	0	0	0	0	0	385,000	0	385,000
Total Funding Sources	0	0	0	0	0	385,000	0	385,000

Operating Budget Impact	Unappropriated Planning Years						Total Impact
	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28	
No Impact Anticipated	0	0	0	0	0	0	0
Total Operating Budget Impact	0	0	0	0	0	0	0



Lubbock Power & Light
The power is yours.

Electric Rate/Tariff Schedule

Amended October 1, 2022

Lubbock Power & Light Electric Rate/Tariff Schedule

Service Schedules

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GENERAL TERMS AND CONDITIONS

I. STATEMENT OF PURPOSE

In order that all Customers (as defined below) may receive uniform, efficient, and adequate Service, electric Service will be supplied to and accepted by all Customers receiving Service from the City of Lubbock's municipally owned electric utility, Lubbock Power & Light (sometimes referred to herein as "LP&L"), in accordance with these General Terms and Conditions, including the Rate Schedule. For purposes of this Tariff, "Customer" shall mean any individual, person, firm, corporation or other legal entity receiving Service from LP&L. All references herein to either the City of Lubbock or LP&L shall be inclusive of the other.

II. DEFINITIONS

The following terms, when used in these General Terms and Conditions, Rate Schedules and Service agreements, shall have the meanings given below, unless otherwise indicated. These definitions do not modify more technical definitions for terms provided in other LP&L policies and/or standards pertaining to Service(s).

AMI – means Advanced Metering Infrastructure. AMI is the system that collects and communicates energy usage between an advanced utility Meter and LP&L.

Applicant – shall mean any individual, person, firm, corporation, or other legal entity, who is in the process of applying for Service from LP&L, but for whom Service has not yet been approved.

Critical Care Residential Customer – means a "critical care residential customer" as defined in Section 17.002(3-a), Texas Utilities Code, as a residential customer who has a person permanently residing in the customer's home who has been diagnosed by a physician as being dependent upon an electric-powered medical device to sustain life.

Critical Load Industrial Customer – means a "critical load industrial customer" as defined in Section 17.002(3-b), Texas Utilities Code, as an industrial customer for whom an interruption or suspension of electric service will create a dangerous or life-threatening condition on the customer's premises.

Customer – has the meaning assigned to it in Article I of these General Terms and Conditions.

Customer's Installation – means, in general, all wiring, pipes, valves, devices, apparatus, and appliances of any kind or nature on Customer's side of the Point of Delivery, except for Facilities.

Distributed Generation – means electrical generation and storage systems with 10 kW or less of capacity for residential Customers or 200kW or less or has been approved by an LP&L engineering study for commercial Customers, installed at or near Customer’s Premises. Examples of Distributed Generation include, but are not limited to, solar photovoltaic or wind technology.

ERCOT – means the Electric Reliability Council of Texas, Inc.

Facilities – means all buildings, structures, Meters, and equipment of LP&L, including all tangible and intangible property, without limitation, owned, operated, leased, licensed, used, controlled, or supplied for, by, or in connection with LP&L operations and provision of Service.

General Terms and Conditions – means the written statement of terms and conditions by which Service is offered, connected, provided, refused, disconnected, interrupted, suspended, reconnected, and the respective rights, obligations, exemptions, and liabilities of Customers and LP&L.

Interconnection Agreement – shall mean the Interconnection Agreement approved by the Electric Utility Board on December 15, 2021, EUB Resolution No. EUB 2021-R0092, as it may be amended from time to time, or the Interconnection Agreement applicable at the time Customer signed if Customer executed same prior to January 17, 2022.

LP&L – means Lubbock Power & Light and the City of Lubbock.

Meter – means the metering device and any auxiliary equipment, whether physical or virtual, as specified, supplied, owned and operated by LP&L that measures the quantity of electric energy and gathers billing data to determine the charges for Service(s) provided by LP&L. A Meter shall not be considered part of Customer’s Installation and Customer shall not be authorized to purchase, install, remove and/or operate a Meter. The term Meter is inclusive of both AMI Meters and Non-Standard Meters.

Miscellaneous Service Charges – means the Rate Schedule, entitled “Miscellaneous Service Charges,” as it may be amended and updated from time to time.

Net Metering Customer – has the meaning assigned to it in Rates 5 and 16, as applicable.

Non-Standard Meter – means any LP&L approved non-AMI meter that measures electric energy.

Point of Delivery – means, in general, the physical point where the electric energy first leaves the Service Installation and enters Customer’s Installation.

PPA – means a power purchase agreement.

Premises – means a tract of land, real estate or related commonly used tracts, including buildings or locations where Customer is eligible to receive Service.

Rate or Rate Schedule – means the written statement of terms, including Customer classification, which reflects the compensation, tariff, charge or fee that is directly or indirectly demanded, charged, or collected by LP&L for Service(s), and includes but is not limited to all rates.

Service – means electric Service in the broadest and most inclusive sense, and includes any and all acts done, rendered, or performed and any and all things furnished, used or supplied, including Facilities by LP&L.

Service Installation – means the Facilities that are located on Customer's Premises that are installed to provide Service to Customer.

Service Territory – means the certificated service area to which LP&L provides Service as approved by the Public Utility Commission of Texas.

SPP – means the Southwest Power Pool, Inc.

Tariff – means these General Terms and Conditions and the Rate Schedules incorporated herein.

III. PROVISION OF SERVICE

1. Customer's Installation. Customer assumes all responsibility on Customer's side of the Point of Delivery and at the Point of Delivery, including without limitation, at its own expense, for installing and maintaining such protective devices as are recommended or required by the then current edition of the National Electrical Code or as may be necessary to protect Customer's Installation, equipment or operations during abnormal, irregular, or interrupted Service conditions or the failure of all or a part of Service provided by LP&L. Such protective devices include, but are not limited to, equipment necessary to limit voltage fluctuations, transients, or harmonics such that neither LP&L nor LP&L's other Customers are adversely affected. All wiring and other electrical equipment furnished by the Customer, including Customer's Installation, will be installed, operated, and maintained by the Customer at all times in conformity with good electrical practice, applicable law and regulation, and with the requirements of the constituted authorities and this Tariff. LP&L is not obligated to serve any equipment or any premises that has a detrimental effect on LP&L Facilities, the equipment or the equipment of Customers, or other Customer's Installations.

Any adjustments claimed by a Customer related to (i) the application of inaccurate rates or fees; (ii) inaccurate meter readings, (iii) meters or charges not corresponding to the Customer's Premises; or (iv) charges otherwise in excess of correct charges, must be presented by Customer to LP&L, Attention: City of Lubbock Utilities Customer Service, within six (6) months of the claimed Rate, fee or meter inaccuracy to be duly considered by LP&L. The requirement of timely presentation, as set forth above, shall not apply in instances wherein a Customer is billed for Service that is not received by Customer due to mistake of LP&L or where charges are found to be higher than authorized by this Tariff. Back-billing shall not exceed a period of six months, if it is found that a higher rate or charge should have

been applied to Customer, and Customer has no fault in the incorrect Rate or charge. For instances of overbilling, the Customer's bill shall be corrected for the entire period of the overbilling.

Nothing contained in this Tariff shall be construed to require a person or entity located within the Service Territory to accept Service from LP&L.

2. Continuous Service. **LP&L SHALL USE REASONABLE DILIGENCE TO PROVIDE CONTINUOUS SERVICE BUT LP&L DOES NOT GUARANTEE AGAINST IRREGULARITIES, INTERRUPTIONS, OR FLUCTUATING WAVE FORM OR FREQUENCY, IT BEING UNDERSTOOD THAT OCCASSIONAL IRREGULARITIES, INTERRUPTIONS, AND FLUCTUATIONS MAY OCCUR. LP&L SHALL NOT BE LIABLE FOR DAMAGES OR INJURY, INCLUDING BUT NOT LIMITED TO CONSEQUENTIAL OR ECONOMIC LOSS DAMAGES, LOSS OF PROFITS, LOSS OF REVENUE, LOSS OF PRODUCTION CAPACITY, OR DIRECT OR INDIRECT DAMAGES OF ANY KIND FOR INJURIES TO PERSONS OR PROPERTY, OCCASIONED BY INTERRUPTION, FAILURE TO COMMENCE DELIVERY VOLTAGE, WAVE FORM OR FREQUENCY FLUCTUATIONS CAUSED BY AN ACT OF GOD OR THE PUBLIC ENEMY, A BREAKDOWN OF PLANTS, LINES OR EQUIPMENT, ACCIDENTS, FIRE, EXPLOSIONS, STRIKES, RIOTS, WAR, PANDEMICS, DELAY IN RECEIVING SHIPMENTS OR REQUIRED MATERIALS, ORDER OF ANY COURT OR JUDGE GRANTED IN BONA FIDE ADVERSE LEGAL PROCEEDINGS OR ACTION OR ANY ORDER BY ANY COMMISSION OR TRIBUNAL HAVING JURISDICTION; OR, WITHOUT LIMITATION BY THE PRECEDING ENUMERATION, ANY OTHER ACT OR THING DUE TO CAUSES BEYOND LP&L'S CONTROL, OR DUE TO THE NEGLIGENCE OF LP&L, ITS EMPLOYEES, OR CONTRACTORS, EXCEPT TO THE EXTENT THAT THE DAMAGES ARE OCCASIONED BY THE GROSS NEGLIGENCE OR WILLFUL MISCONDUCT OF LP&L.**
3. Intentional Interruption of Service. Notwithstanding anything provided herein, LP&L may, without notice and without liability to the Customer, interrupt Service to the Customer when, in LP&L's sole judgment, the interruption of Service:
 - a. will prevent or alleviate an emergency threatening to disrupt the operation of LP&L's system, Facilities, or the applicable electrical grid;
 - b. will lessen or remove possible danger to life or property;
 - c. will aid in the restoration of Service;
 - d. is required to make necessary repairs to or changes in the Facilities; or
 - e. in the event of a national or local disaster, to protect public safety, or if required by any governmental or regulatory body with jurisdiction over LP&L, or if required by the applicable regional transmission operator, including ERCOT or SPP.

LP&L may, in the event of a national emergency or local disaster resulting in disruption of normal Service, in the public interest, interrupt Service to the

Customer to provide necessary Service to civil defense or other emergency service agencies on a temporary basis until normal Service to the agencies can be restored.

4. **Disclaimer of Warranties.** **LP&L AND THE CITY MAKE NO WARRANTIES WHATSOEVER WITH REGARD TO THE PROVISION OF ANY SERVICE AND DISCLAIM ANY AND ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF SERVICE, MERCHANTABILITY, AND FITNESS FOR A PARTICULAR PURPOSE.**

5. **Discontinuance, Suspension and Refusal of Service.** In addition to and in conjunction with any other federal, state or local law regarding discontinuance, suspension or refusal of utility service, LP&L may discontinue, suspend or refuse to supply Service to any Customer for the following reasons:
 - a. **Disconnection with notice.** LP&L may disconnect Service after proper notice for any of the following reasons:
 - (i) failure to pay a bill for Service or failure to comply with the terms of any agreed payment plan;
 - (ii) failure to pay a deposit as required by these General Terms and Conditions;
 - (iii) for any other reason whereby LP&L is legally entitled to disconnect Service with notice; or
 - (iv) for failure to comply with these General Terms and Conditions.

 - b. **Disconnection without notice.** LP&L may disconnect Service without prior notice for any of the following reasons:
 - (i) where a known dangerous condition exists for as long as the condition exists;
 - (ii) where Service is connected without authority by a person who has not made application for Service;
 - (iii) where Service was reconnected without authority after termination for nonpayment;
 - (iv) failure to comply with the terms of any agreed payment plan where such plan provides for disconnection without further notice;
 - (v) where there has been tampering with or extension of LP&L's equipment, Facilities, or evidence of theft of Service;
 - (vi) for any other reason whereby LP&L is legally entitled to disconnect Service without notice; or
 - (v) any other unauthorized use, including the sale or resale of Service.

 - c. **Refusal of Service.** LP&L may refuse to serve an Applicant for any of the following reasons:
 - (i) Applicant's installation or equipment, including but not limited to the Meter base, is known to be hazardous or of such a character that safe or satisfactory Service cannot be given;

- (ii) Applicant owes a debt to LP&L for Service;
- (iii) Applicant applies for Service at a location where another Customer received, or continues to receive, Service and the Service bill is unpaid at that location, if the change in identity is made in an attempt to assist the other Customer avoid or evade payment. An Applicant may request the Director of Electric Utilities, by providing notice as specified below, to review a decision to not provide Service due to a staff determination of an intent to deceive. Notice shall be provided in writing to the Director of Electric Utilities, at 1314 Avenue K, Lubbock, Texas 79401, not later than seven (7) calendar days after the Applicant is informed of the reason for refusal to connect;
- (iv) The Applicant fails to make a deposit if required do so under these General Terms and Conditions or Rate Schedule.
- (v) The Applicant does not provide true and accurate information to LP&L in its application for Service, or is not authorized to make an application for Service for the Premises;
- (vi) Evidence of unauthorized re-metering, sub-metering, or resale of Service; or
- (vii) A violation of these General Terms & Conditions, Rate Schedule, or Customer's Service agreement, as applicable.

d. Connection, Disconnection, and Reconnection.

- (i) Only LP&L employees, its agents, or other lawful officials who are authorized by LP&L have the authority to connect, disconnect, or reconnect Service either remotely or on the Premises. Service connection, disconnection or reconnection performed by any other person will be considered as an unauthorized act and appropriate action may be taken consistent with any legal remedies available to LP&L, including but not limited to, criminal prosecution.
- (ii) Customer is responsible for any fees and/or miscellaneous charges associated with any connection, disconnection and/or reconnection activities. Upon Customer's correction of the reasons for disconnection, LP&L shall reconnect the Service subject to Customer's payment of standard reconnect fees assessed in accordance with the Miscellaneous Service Charges, if any.

6. Customer Liabilities. Customer is responsible and liable for Customer's Installation, or other buildings, or facilities at and past the Customer's side of the Point of Delivery of Service including but not limited to:

- a. Excessive consumption caused by Customer's Installation;
- b. Damage caused by an open valve or circuit after Service initiation;
- c. A violation of the General Terms & Conditions, including Meter tampering, theft of Service, unlawful use of Service, or damage to the Facilities;

- d. Any loss or damage to LP&L, the Facilities, or third party facilities required to provide Service caused by or arising out of Customer's overloading or due to carelessness, neglect, or misuse by Customer or other person(s); or
- e. Any loss or damage to LP&L, the Facilities, or third party facilities caused by electrical backfeed or other negligent or intentional misuse of Distributed Generation connected to the Facilities, regardless of whether such equipment is approved through an Interconnection Agreement with LP&L, as applicable.

The cost of any damage or loss to LP&L or any third parties, due to the reasons stated above shall be the responsibility of the Customer.

7. Deposits. LP&L shall require a deposit for Service, in accordance with the following terms and conditions:

- a. LP&L shall require a deposit from the Applicant in an amount equal to ONE-SIXTH (1/6) of the reasonable and good-faith estimate of annual billings of the Premises or ONE HUNDRED THIRTY FIVE AND NO/100 DOLLARS (\$135.00), whichever is greater, except as provided herein.
- b. A residential Applicant may be exempt from the deposit requirement if any of the following conditions are met by the Applicant:
 - (i) The Applicant produces, to the satisfaction of LP&L, proof that during the two years prior to applying for Service from LP&L, the Applicant was a customer of a utility providing electric service or was a customer of one or more of the City of Lubbock utility services for at least twelve (12) consecutive months; and
 - 1) While a customer, the Applicant was not delinquent in paying for any utility service on more than one occasion; and while a customer, the Applicant never had any of the utility services subject to interruption for nonpayment; or
 - 2) the Applicant demonstrates adequate and available credit, to the satisfaction of LP&L, by producing evidence of creditworthiness in the Applicant's name from a utility providing electric service of whom the primary Applicant was a customer; or
 - 3) the Applicant is at least sixty-five (65) years of age and has no outstanding account balance with a utility for utility service including City of Lubbock utility services that accrued within the last two years.
 - (ii) the Applicant has been determined to be a victim of family violence as defined in the Texas Family Code §71.004, by a family violence center as defined in Texas Human Resources Code § 51.002, by treating medical personnel, by law enforcement personnel, by the Office of a Texas District Attorney or County Attorney, by the Office of the Attorney General, or by a grantee of the Texas Equal Access to Justice Foundation. This determination shall be evidenced

by submission of a certification letter developed by the Texas Council on Family Violence. The certification letter may be submitted directly to LP&L.

- c. A residential Customer who is exempted from the deposit requirement under Section 7(b) may have the exemption withdrawn and a deposit applied to the account if the Customer is no longer able to demonstrate creditworthiness. Events that are considered in this determination include but are not limited to:
 - (i) the Customer's account for Services becomes delinquent;
 - (ii) the Customer's Services are interrupted due to non-payment;
 - (iii) payment for Services has been returned to LP&L / City of Lubbock Utilities as a dishonored payment;
 - (iv) tampering with LP&L's Facilities, or theft of Service, has been found; or
 - (v) the Customer fails to comply with the terms of any agreed payment plan.
- d. Residential Deposit Refund: Customers from whom a deposit has been collected shall be eligible for a refund of said deposit after the Customer has paid bills for Service for twelve (12) consecutive residential billings and during this twelve (12) month period, demonstrated creditworthiness as defined in Section 7(b).
- e. An Applicant for non-residential Service shall be exempt from the deposit requirement if any of the following conditions are met by the Applicant :
 - (i) Proof that during the two years prior to applying for Service from LP&L, the Applicant was a customer of a utility providing electric service or was a customer of one or more of the City of Lubbock utility services for at least twelve (12) consecutive months; and is not currently delinquent in payment of any such utility service account;
 - (ii) While a customer of a utility providing electric service or a customer of one or more of the City of Lubbock utility services, the Applicant was not delinquent in paying for any service on more than one occasion;
 - (iii) While a customer of a utility providing electric service or a customer of one or more of the City of Lubbock utility services, the Applicant never had any of the services subject to interruption for nonpayment.
 - (iv) The Applicant demonstrates adequate and available credit, to the satisfaction of LP&L, by producing evidence of creditworthiness in the Applicant's name from a utility providing electric service of whom the primary Applicant was a customer. Additional forms of creditworthiness include Surety Bonds and Letter of Guarantee. Both of these mechanisms must guarantee payment to the utility in the event the Applicant defaults.

- f. A non-residential Customer who is exempted from the deposit requirement under Section 7(e) may have the exemption withdrawn and a deposit applied to the account if the Customer is no longer able to demonstrate creditworthiness. Events that are considered in this determination include but are not limited to:
 - (i) the Customer's account for Services become delinquent;
 - (ii) the Customer's Services are interrupted due to non-payment;
 - (iii) payment for Services has been returned to LP&L / City of Lubbock Utilities as a dishonored payment;
 - (iv) tampering with LP&L's Facilities, or theft of Service, has been found; or
 - (v) the Customer fails to comply with the terms of any agreed payment plan.
 - g. A non-residential Deposit Refund: Customers from whom a deposit has been collected shall be eligible for a refund of said deposit after the Customer has paid bills for Service for twenty-four (24) consecutive non-residential billings and during this twenty-four (24) month period, demonstrated creditworthiness as defined in Section 7(e).
 - h. Refunds to eligible Customers shall be made promptly either in the form of a check payable to the Customer or as a credit to the Customer's bill, as determined at the sole discretion of LP&L. A Customer who received a refund of their deposit may have the deposit requirement reapplied if the Customer no longer demonstrates creditworthiness and defined in Section 7(b) and (e).
 - i. LP&L shall keep the following records for all deposits collected by LP&L pursuant to this Section:
 - (i) the name and address of each depositor;
 - (ii) the amount and date of the deposit; and
 - (iii) each transaction concerning the deposit.
 - j. Any deposit not previously refunded to Customer or credited to Customer's account as provided herein shall be credited to Customer's final bill for Service.
8. Right of Way. By accepting Service under this Tariff, Customer provides, at no expense to LP&L, valid easements and rights-of-way, as required by LP&L, for installation of an electric distribution system, or other Facilities, to provide Service to Customer on the Premises. Subject to and in conjunction with all other applicable federal, state and local laws and regulations, LP&L shall have the right to clear its distribution system and Service Installation, of any interfering tree, shrub, or other obstruction and shall have the right to determine and maintain the amount of clearance it deems necessary in accordance with good utility practices and applicable law. Customer shall maintain all required clearances around Service Installation, Meters, and metering equipment satisfactory to LP&L. Customer shall not obstruct LP&L access to or around the Facilities, Service Installation, or equipment. If such obstruction(s) must be removed in order to provide, maintain,

or operate Service, LP&L may charge Customer the actual costs associated with such actions at its sole discretion.

9. Meters and Metering.

- a. LP&L owns, furnishes, installs, programs, calibrates, tests and maintains all Meters (but not Meter bases) and all associated Facilities, used for retail billing and settlement purposes in the Service Territory.
- b. In case of unauthorized re-metering, sale or resale of Service, extension, Service connection or reconnection, other disposition of Service, Meter tampering, other alteration, or theft, LP&L may, without prior notice to any party, immediately discontinue Service until and unless all unauthorized activity ceases and full payment is made by Customer to LP&L for all applicable replacement and/or Service charges in accordance with the applicable sections of this Tariff. Full payment may include monthly billings from the applicable Rate Schedules, including without limitation Miscellaneous Service Charges, estimated or actual past electrical usage, and charges for LP&L's expenses incurred in correcting Customer's unauthorized activities.
- c. LP&L shall install or utilize an AMI Meter at Customer's Premises unless Customer requests a Non-Standard Meter, and such request is accepted, and Customer complies with the terms of provisions of such Non-Standard Meter, including the payment of any applicable fees or Rates.

10. Access to Premises. LP&L or its authorized agents shall have safe access at all reasonable hours to the Premises to construct, operate, improve, reconstruct, replace, repair, inspect, patrol, maintain, add, or remove Facilities, Service Installation, Meters, including Meter reading, and all other purposes incident to supplying of Service. In the event such safe access is obstructed or otherwise made unavailable, LP&L may take any actions authorized by law, this Tariff, or otherwise to gain access to the Premises.

11. Voltage Tolerances. LP&L may measure and record voltage levels at Customer's billing Meter. Voltages outside of the Acceptable Range, as defined below, will be corrected as soon as possible by LP&L. For purposes of the Tariff, voltages within the Acceptable Range shall be deemed consistent with proper electric utility Service and good utility practice.

Nominal Voltage (Volts)	Acceptable Range (Volts)
120	110-127
208	191-220

240	220-254
277	254-293
480	440-508

12. Agreed Payment Arrangement. LP&L may allow a Customer to pay an outstanding bill in installments, and if Customer pays according to the agreed upon arrangement, the Customer will avoid disconnection for non-payment. In such event, the Customer may establish a payment arrangement by contacting LP&L in person, by telephone or by any other electronic communication approved by LP&L. Any such agreed payment arrangement shall be subject to all the following terms and conditions.
- The agreed payment arrangement must be in writing.
 - The Director of Electric Utilities may include terms and conditions consistent with the Tariff and applicable federal, state, and local law and regulations.
 - In the event of a conflict between a written agreed payment arrangement and the Tariff, unless otherwise provided by in agreed payment arrangement, the terms and conditions of the Tariff shall control.
 - Failure to pay according to the payment arrangement may result in disconnection of Service to Customer.
 - No agreed payment arrangements can extend beyond September 30, 2023.
13. Right to Amend. The Tariff may be amended or modified by LP&L through a written instrument duly executed by the City Council of the City of Lubbock without further notice provided to Customer, except as otherwise required by law.
14. Critical Care Residential Customers and Critical Load Industrial Customers.
- Procedure for Qualification. LP&L will designate Critical Care Residential Customers and Critical Load Industrial Customers in accordance with Texas Utilities Code Section 17.005(f), and follow any procedures as may be required by Texas Utilities Code Section 17.005(f), and the rules promulgated thereunder.
 - Designation as a Critical Care Residential Customer or Critical Load Industrial Customer under this Section does not relieve Customer of the obligation to pay LP&L for Service(s) rendered, does not prevent disconnection for nonpayment or other reasons provided in this Tariff, and does not prohibit LP&L from utilizing any approved collection methods for recovering the obligation. An enrolled Critical Care Residential

Customer or Critical Load Industrial Customer may also request information from LP&L regarding eligibility requirements for deferred payment arrangements and/or payment assistance programs.

- c. No Guarantee of Service. Designation as a Critical Care Residential Customer or Critical Load Industrial Customer does not guarantee uninterrupted Service. Specifically, Service may be interrupted as provided herein.
15. Severability. If any portion of this Tariff is held unenforceable by a court of competent jurisdiction, the remainder of the Tariff shall not be affected and shall remain fully in force and enforceable. To the extent permitted by applicable laws, the Customer hereby waives any provision of applicable law that renders any provision hereof prohibited or unenforceable in any respect. Furthermore, in lieu of each such illegal, invalid, or unenforceable provision, there shall be provisions added automatically as part of this Tariff to replace such illegal, invalid, or unenforceable provision with a legal, valid, and enforceable provision, the economic effect of which comes as close as possible to that of the illegal, invalid, or unenforceable provision.
 16. Meter Aggregation. LP&L will bill each Meter as a single Meter. Customers with multiple Meters that are rendered to a contiguous area, or that are metered across a dedicated street or alley will be billed on a per Meter basis with no aggregation of those Meters for billing purposes. Subject to mutual agreement by Customer and LP&L, multiple Meters may be electronically or digitally totalized.
 17. Interconnection. No Customer may interconnect any Distributed Generation to the system of LP&L, unless and until an Interconnection Agreement is entered into by Customer and LP&L. A Customer interconnecting Distributed Generation to the system of LP&L agrees to abide by the Interconnection Guidelines or Interconnection Agreement, as applicable, the PUC rules, and ERCOT Protocols regarding same.
 18. Applicable Law. **The laws of the State of Texas shall govern the validity, performance and enforcement of this Tariff and the venue for any legal proceedings shall lie solely in courts of competent jurisdiction located in Lubbock County, Texas.**



RESIDENTIAL STANDARD SERVICE

Rate 1

APPLICABLE:	To residential Customers for Service used for domestic purposes in private residences and separately metered individual apartments when all Service is supplied at the Point of Delivery and measured through one Meter, where Customer’s Installation has adequate capacity and suitable voltage are adjacent to the Premises. Single-phase motors not to exceed 10 horsepower, individual capacity, may be served under this rate.		
TERRITORY:	LP&L Service Territory		
RATE:	Service Availability Charge:	\$8.07 per month per Meter	
	Energy Charge:	\$0.03381 per kWh	
PRORATING:	LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.		
POWER COST RECOVERY FACTOR:	The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt hour as provided in the current LP&L “Power Cost Recovery Factor”.		
FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.		
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.		

BUDGET BILLING:	Budget billing is a program that allows a Customer to pay a specified amount each month instead of paying the actual billed amount. Customers must keep their accounts current to remain on budget billing. No new Customers will be enrolled in budget billing beginning October 1, 2022. All customers currently enrolled in budget billing will be permitted to continue with budget billing. Prior to the transition to retail competition in late 2023, Lubbock Power & Light will work to recalculate budget amounts on the schedule deemed appropriate by the Director of Electric Utilities to achieve zero balances for budget billing customers so that no large variance balances are still owed at the time the market opens to retail electric providers.
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase 120/240 volts. Three-phase 240 volts where available on secondary.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



RESIDENTIAL ELECTRIC SPACE HEATING SERVICE

Rate 3

APPLICABLE:	To residential Customers for Service with predominant electric space heating used for domestic purposes in private residences and separately metered individual apartments when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises to be served. Single-phase motors not to exceed 10 horsepower, individual capacity, may be served under this rate. Electric space heating includes permanently installed whole house space heating equipment in regular use, including heat pumps and electric resistance heating and excluding bathroom heaters.	
TERRITORY:	LP&L Service Territory	
RATE:	Service Availability Charge:	\$8.07 per month per Meter
	Energy Charge:	\$0.02921 per kWh
PRORATING:	LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.	
POWER COST RECOVERY FACTOR:	The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt-hour as provided in the current LP&L "Power Cost Recovery Factor".	
FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.	
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Service rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.	

BUDGET BILLING:	Budget billing is a program that allows a Customer to pay a specified amount each month instead of paying the actual billed amount. Customers must keep their accounts current to remain on budget billing. No new Customers will be enrolled in budget billing beginning October 1, 2022. All customers currently enrolled in budget billing will be permitted to continue with budget billing. Prior to the transition to retail competition in late 2023, Lubbock Power & Light will work to recalculate budget amounts on the schedule deemed appropriate by the Director of Electric Utilities to achieve zero balances for budget billing customers so that no large variance balances are still owed at the time the market opens to retail electric providers.
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase 120/240 volts. Three-phase 240 volts where available on secondary.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



RESIDENTIAL NET METERING SERVICE

Rate 5

APPLICABLE:

To residential Customers for Service used for domestic purposes in private residences and separately metered individual apartments when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises. Single-phase motors not to exceed 10 horsepower, individual capacity, may be served under this rate.

This rate is available to Net Metering Customers only. Net Metering Customers are defined as Customers who have installed residential solar technology capable of producing less than 10kW as distributed generation on the Customer side of the LP&L Meter. As a condition of Service under this Rate Schedule, all Net Metering Customers must sign an Interconnection Agreement. Customers that qualify for this rate will receive credit in kWh generated against kWh consumed in one billing period. kWh credits will only offset up to the amount of kWh consumed in each billing period.

In the event a Net Metering Customer interconnects Distributed Generation to the LP&L system, such Net Metering Customer shall either (i) enter into an Interconnection Agreement, as described and required herein; or (ii) be subject to immediate disconnection from the LP&L system.

TERRITORY:

LP&L Service Territory

RATE:

Service Availability Charge: \$30.43 per month per Meter

Summer Energy Charge ($\leq 1,000$ kWh):	\$0.01292 per kWh
Summer Energy Charge ($> 1,000$ kWh):	\$0.02349 per kWh

Non-Summer Energy Charge ($\leq 1,000$ kWh):	\$0.00397 per kWh
Non-Summer Energy Charge ($> 1,000$ kWh):	\$0.01175 per kWh

PRORATING:

LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.

NON-SUMMER MONTHS:

The billing months of October through May

SUMMER MONTHS:	The billing months of June through September
POWER COST RECOVERY FACTOR:	The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt hour as provided in the current LP&L “Power Cost Recovery Factor”.
FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.
BUDGET BILLING:	Budget billing is a program that allows a Customer to pay a specified amount each month instead of paying the actual billed amount. Customers must keep their accounts current to remain on budget billing. No new Customers will be enrolled in budget billing beginning October 1, 2022. All customers currently enrolled in budget billing will be permitted to continue with budget billing. Prior to the transition to retail competition in late 2023, Lubbock Power & Light will work to recalculate budget amounts on the schedule deemed appropriate by the Director of Electric Utilities to achieve zero balances for budget billing customers so that no large variance balances are still owed at the time the market opens to retail electric providers.
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase 120/240 volts. Three-phase 240 volts where available on secondary.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L’s General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



SMALL GENERAL SERVICE

Rate 10

APPLICABLE:

To commercial Customers for Service supplied at secondary voltage for commercial purposes when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises, and whose load does not exceed 10 kW of demand in any month. Single-phase motors not to exceed 10 horsepower, individual capacity, may be served under this rate. Youth-oriented (18 years of age and younger) non-profit sports leagues utilizing Service for sports field lighting at municipally owned outdoor facilities may be served under this rate regardless of demand. Meters in which the load exceeds 10 kW of demand in any month will be assigned to Rate 16 (Secondary General Service) and will not be eligible to be reassigned to Rate 10 until there have been 12 consecutive months where loads have not exceeded 10 kW of demand.

Not applicable to temporary, breakdown, standby, supplementary, resale or shared Service.

TERRITORY:

LP&L Service Territory

RATE:

Service Availability Charge: \$13.55 per month per Meter

Energy Charge: \$0.01987 per kWh

PRORATING:

LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.

POWER COST RECOVERY FACTOR:

The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt hour as provided in the current LP&L "Power Cost Recovery Factor".

FRANCHISE FEE EQUIVALENT:

The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.

TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase 120/240 volts. Three-phase 240 volts where available on secondary.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Rate Schedule as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



SMALL GENERAL NET METERING SERVICE

Rate 11

APPLICABLE:

To commercial Customers for Service supplied at secondary voltage for commercial purposes when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises, and whose load does not exceed 10 kW of demand in any month. Meters in which the load exceeds 10 kW of demand in any month will be assigned to Rate 16 (Secondary General Service) and will not be eligible to be reassigned to Rate 11 until there have been 12 consecutive months where loads have not exceeded 10 kW of demand. Single-phase motors not to exceed 10 horsepower, individual capacity, may be served under this rate.

This rate is available to Net Metering Customers only. As a condition of Service under this Rate Schedule, all Net Metering Customers on this rate must sign an Interconnection Agreement. Net Metering Customers that qualify for this rate will receive credit in kWh generated against kWh consumed in one billing period. kWh credits will only offset up to the amount of kWh consumed in each billing period.

Not applicable to temporary, breakdown, standby, supplementary, resale or shared Service.

In the event a Net Metering Customer interconnects Distributed Generation to the LP&L system, such Net Metering Customer shall either (i) enter into an Interconnection Agreement, as described and required herein; or (ii) be subject to immediate disconnection from the LP&L system.

TERRITORY:

LP&L Service Territory

RATE:

Service Availability Charge:	\$28.77 per month
Energy Charge ($\leq 1,000$ kWh):	\$0.00076 per kWh
Energy Charge ($> 1,000$ kWh):	\$0.01878 per kWh

PRORATING:

LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.

POWER COST RECOVERY FACTOR:	The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt hour as provided in the current LP&L “Power Cost Recovery Factor”.
FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) for competitive purposes, by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any competing electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Service rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% will be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase 120/240 volts. Three-phase 240 volts where available on secondary.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L’s General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock. In the event a Net Metering Customer entitled to Service under Rate 11 is a purchaser under a power purchase agreement (“PPA”) with LP&L, in which the rates for Service and power to such Net Metering Customer are provided therein, such rates payable by Net Metering Customer shall be as provided in the PPA (in lieu of this Tariff), so long as such PPA shall remain valid and subsisting and enforceable against Net Metering Customer. Further, in such instance, in the event of a conflict between this Tariff and the PPA, the terms of the PPA shall control.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



LARGE SCHOOL SERVICE

Rate 15

APPLICABLE:

To all public and private school facilities supplied at secondary voltage for school purposes when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises and whose load exceeds 10 kW of demand in any month. Meters on this rate with loads that drop to 10 kW of demand or below will be eligible to be reassigned to Rate 21 (Small Municipal and School Service) only after 12 consecutive months where loads have not exceeded 10 kW of demand.

Not applicable to temporary, breakdown, standby, supplementary, resale or shared Service, or to Service for which a specific Rate Schedule is provided.

TERRITORY:

LP&L Service Territory

RATE:

Service Availability Charge: \$39.74 per month per Meter

Energy Charge: \$0.00049 per kWh

Demand Charge: \$5.77410 per kW

PRORATING:

LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.

DEMAND:

LP&L will furnish at its expense the necessary metering equipment to measure the Customer's kW demand for the 15 or 30-minute period (as applicable per LP&L's metering technology selected) of greatest use during the month. In the absence of a demand Meter, the Customer's demand will be billed using the monthly kilowatt-hours and an average load factor of 41.30 percent. In no month, shall the billing demand be greater than the kW value determined by dividing the kWh sales for the billing period by 21 hours.

**POWER COST
RECOVERY FACTOR:**

The charge per kilowatt and kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt and kilowatt hour as provided in the current LP&L "Power Cost Recovery Factor".

FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.
POWER FACTOR:	<p>Applicable to Customers on this Rate Schedule with a peak demand of 200 kW or greater. At all times, Customer will maintain at the Point of Delivery, a power factor of not less than 85% lagging.</p> <p>Where Customer's Installation fails to maintain a power factor of at least 85% lagging at LP&L's Point of Delivery, Customer shall install suitable capacitors or other equipment necessary to raise the overall power factor at the Point of Delivery to a satisfactory value. Where such power factor correction equipment is used, Customer shall install a relay, switch or other regulating equipment for purposes of disconnecting or controlling the power factor correction equipment in order to prevent excessive voltage conditions on LP&L's system.</p>
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase or three-phase, at one available standard voltage.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



SECONDARY GENERAL SERVICE AND SECONDARY GENERAL SERVICE NET METERING

Rate 16

APPLICABLE:

To all commercial and industrial Customers for Service supplied at secondary voltage for commercial purposes when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises and whose load exceeds 10 kW of demand in any month. Meters on this rate with loads that drop to 10 kW of demand or below will be eligible to be reassigned to Rate 10 (Small General Service) only after 12 consecutive months where loads have not exceeded 10 kW of demand.

This rate is also available for Net Metering Customers. As a condition of Service under this Rate Schedule, all Net Metering Customers with installed non-residential solar or wind technology capable of producing less than 200kW as Distributed Generation must sign an Interconnection Agreement. Net Metering Customers that qualify for this rate will receive credit in kWh generated against kWh consumed in one billing period. kWh credits will only offset up to the amount of kWh consumed in each billing period. Demand will be billed as maximum demand greater than zero.

Not applicable to temporary, breakdown, standby, supplementary, resale or shared Service.

In the event a Net Metering Customer interconnects Distributed Generation to the LP&L system, such Net Metering Customer shall either (i) enter into an Interconnection Agreement, as described and required herein; or (ii) be subject to immediate disconnection from the LP&L system.

TERRITORY:

LP&L Service Territory

RATE:

Service Availability Charge:	\$28.56 per month per Meter
Energy Charge:	\$0.00080 per kWh
Summer Demand Charge:	\$8.00922 per kW
Non-Summer Demand Charge:	\$4.28400 per kW

PRORATING:	LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.
NON-SUMMER MONTHS:	The billing months of October through May
SUMMER MONTHS:	The billing months of June through September
DEMAND:	LP&L will furnish at its expense the necessary metering equipment to measure Customer's kW demand for the 15 or 30-minute period (as applicable per LP&L's metering technology selected) of greatest use during the month. In the absence of a demand meter, the Customer's demand will be billed using the monthly kilowatt-hours and an average load factor of 57.01 percent. In no month, shall the billing demand be greater than the kW value determined by dividing the kWh sales for the billing period by 21 hours. There will be no demand cap for Net Metering Customers.
POWER COST RECOVERY FACTOR:	The charge per kilowatt and kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt and kilowatt hour as provided in the current LP&L "Power Cost Recovery Factor".
FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.
POWER FACTOR:	Applicable to Customers on this Rate Schedule with a peak demand of 200 kW or greater. At all times, Customer will maintain at LP&L's Point of Delivery, a power factor of not less than 85% lagging. Where Customer's Installation fails to maintain a power factor of at least 85% lagging at LP&L's Point of Delivery, Customer shall install suitable capacitors or other equipment necessary to raise the overall power factor at the point of delivery to a satisfactory value. Where such power factor correction equipment is used, Customer shall install a relay, switch or other regulating equipment for purposes of disconnecting or controlling the power factor correction equipment in order to prevent excessive voltage conditions on LP&L's system.

TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase or three-phase, at one available standard voltage.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock. In the event a Customer entitled to Service under Rate 16 is a purchaser under a power purchase agreement ("PPA") with LP&L, in which the rates for Service to such Customer are provided therein, such rates payable by Customer shall be as provided in the PPA (in lieu of this Tariff), so long as such PPA shall remain valid and subsisting and enforceable against Customer. Further, in such instance, in the event of a conflict between this Tariff and the PPA, the terms of the PPA shall control.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



PRIMARY GENERAL SERVICE

Rate 16P

APPLICABLE:	To all commercial and industrial Customers for Service supplied at primary voltage for commercial purposes when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer’s Installation has adequate capacity and suitable voltage are adjacent to the Premises.		
	Not applicable to temporary, breakdown, standby, supplementary, resale or shared Service.		
TERRITORY:	LP&L Service Territory		
RATE:	Service Availability Charge:	\$310.44 per month per Meter	
	Energy Charge:	\$0.00057 per kWh	
	Demand Charge:	\$5.15323 per kW	
PRORATING:	LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.		
DEMAND:	LP&L will furnish at its expense the necessary metering equipment to measure the Customer’s kW demand for the 15 or 30-minute period (as applicable per LP&L’s metering technology selected) of greatest use during the month. In the absence of a demand meter, the Customer’s demand will be billed using the monthly kilowatt-hours and an average load factor of 69.71 percent. In no month, shall the billing demand be greater than the kW value determined by dividing the kWh sales for the billing period by 21 hours.		
LOSS ADJUSTMENT:	When metering is installed on the secondary (Customer’s) side of any voltage transformation made at less than available primary voltage at the Point of Service, the Meter readings for billing purposes shall be increased to include all transformation losses.		
POWER COST RECOVERY FACTOR:	The charge per kilowatt and kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt and kilowatt hour as provided in the current LP&L “Power Cost Recovery Factor”.		

FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.
POWER FACTOR:	Applicable to Customers on this Rate Schedule with a peak demand of 200 kW or greater. At all times, Customer's Installation will maintain at the Point of Delivery, a power factor of not less than 85% lagging. Where Customer fails to maintain a power factor of at least 85% lagging at the Point of Delivery, Customer shall install suitable capacitors or other equipment necessary to raise the overall power factor at the point of delivery to a satisfactory value. Where such power factor correction equipment is used, Customer shall install a relay, switch or other regulating equipment for purposes of disconnecting or controlling the power factor correction equipment in order to prevent excessive voltage conditions on LP&L's system.
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase or three-phase at LP&L's available primary voltage.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock. In the event a Customer entitled to Service under Rate 16P is a purchaser under a power purchase agreement ("PPA") with LP&L, in which the rates for Service to such Customer are provided therein, such rates payable by Customer shall be as provided in the PPA (in lieu of this Tariff), so long as such PPA shall remain valid and subsisting and enforceable against Customer. Further, in such instance, in the event of a conflict between this Tariff and the PPA, the terms of the PPA shall control.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



TRANSMISSION GENERAL SERVICE

Rate 16T

APPLICABLE:	To all commercial and industrial Customers for electric Service supplied at transmission voltage of 69kV or above for commercial purposes when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises.	
	Not applicable to temporary, breakdown, standby, supplementary, resale or shared Service.	
TERRITORY:	LP&L Service Territory	
RATE:	Service Availability Charge:	\$310.44 per month per Meter
	Energy Charge:	\$0.00055 per kWh
	Demand Charge:	\$2.73 per kW
PRORATING:	LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.	
DEMAND:	LP&L will furnish at its expense the necessary metering equipment to measure the Customer's kW demand for the 15 or 30-minute period (as applicable per LP&L's metering technology selected) of greatest use during the month.	
LOSS ADJUSTMENT:	When metering is installed at voltage less than 69kV or on Customer's side at lower voltage of any voltage transformation made at less than available transmission voltage at the Point of Service, the Meter readings for billing purposes shall be increased to include all transformation losses.	
POWER COST RECOVERY FACTOR:	The charge per kilowatt and kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt and kilowatt hour as provided in the current LP&L "Power Cost Recovery Factor".	

FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.
POWER FACTOR:	<p>Applicable to Customers on this Rate Schedule with a peak demand of 200 kW or greater. At all times, Customer will maintain at the Point of Delivery, a power factor of not less than 90% lagging.</p> <p>In the event a low voltage condition due to lagging power factor exists in a degree sufficient to impair LP&L's Service, Customer shall install suitable capacitors or other equipment necessary to raise the over-all power factor at the Point of Delivery to a satisfactory value. Where such power factor correction equipment is used, Customer shall install a relay, switch or other regulating equipment for purposes of disconnecting or controlling the power factor correction equipment in order to prevent excessive voltage conditions on LP&L's system.</p>
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Three-phase at LP&L's available transmission voltage of approximately 69 kV or above.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



STATE UNIVERSITY GENERAL SERVICE

Rate 16U

APPLICABLE: To all State of Texas universities using more than 100,000,000 kWh per year where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises.

Not applicable to temporary, breakdown, standby, supplementary, resale or shared Service.

TERRITORY: LP&L Service Territory

RATE:

Service Availability Charge:	\$0.00 per month per Meter
Demand Charge:	\$0.00
Energy Charge:	\$0.012150 per kWh

WHOLESALE POWER CHARGE: The charge per kilowatt-hour of the above rate shall be increased by an amount equal to LP&L's total cost of Wholesale Power for the month immediately preceding the current billing month for the Customer as delivered to all LP&L Customers including assumed system losses of 2%. The Wholesale Power Charge shall be calculated monthly by dividing (i) the amount of the Total Bill for Wholesale Power for the month immediately preceding the current billing month for the Customer including any prior month adjustments by (ii) the kWh delivered to all LP&L Customers in the month immediately preceding the current billing month for the Customer. The kWh delivered to all LP&L Customers shall be calculated by reducing by 2% the kWh delivered to LP&L's delivery points by SPS and ERCOT systems. This reduction is an adjustment to account for line losses occurring between LP&L's point(s) of interconnection with the SPS and ERCOT systems and the delivery points of the Customer.

TERMS OF PAYMENT:	Payment due 30 days after bill date or as otherwise required by state law. If the 30 th day falls on a weekend or an official City of Lubbock recognized holiday, the due date will be extended until the next business day. A late charge of 1% or as authorized by state law, whichever is greater, may be added to all bills not paid by the due date.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase or three-phase at LP&L's available secondary voltage.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock, as it may be amended from time to time. In the event a Customer entitled to Service under Rate 16U is a purchaser under a power purchase agreement ("PPA") with LP&L, in which the rates for Service to such Customer are provided therein, such rates payable by Customer shall be as provided in the PPA (in lieu of this Tariff), so long as such PPA shall remain valid and subsisting and enforceable against Customer. Further, in such instance, in the event of a conflict between this Tariff and the PPA, the terms of the PPA shall control. In events where a Customer purchases under a PPA and the PPA shall expire or terminate during the effective period of this Tariff, Customer shall revert to the applicable rate for each Meter as determined by usage characteristics.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



LARGE MUNICIPAL SERVICE

Rate 17

APPLICABLE:

To all municipal facilities supplied at secondary voltage for municipal purposes when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises and whose load exceeds 10 kW of demand in any month. Meters on this rate with loads that drop to 10 kW of demand or below will be eligible to be reassigned to Rate 21 (Small Municipal and School Service) only after 12 consecutive months where loads have not exceeded 10 kW of demand.

Not applicable to temporary, breakdown, standby, supplementary, resale or shared Service, or to Service for which a specific Rate Schedule is provided.

TERRITORY:

LP&L Service Territory

RATE:

Service Availability Charge: \$49.67 per month per Meter

Energy Charge: \$0.00066 per kWh

Demand Charge: \$5.24014 per kW

PRORATING:

LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.

DEMAND:

LP&L will furnish at its expense the necessary metering equipment to measure the Customer's kW demand for the 15 or 30-minute period (as applicable per LP&L's metering technology selected) of greatest use during the month. In the absence of a demand meter, Customer's demand will be billed using the monthly kilowatt-hours and an average load factor of 41.30 percent. In no month, shall the billing demand be greater than the kW value determined by dividing the kWh sales for the billing period by 21 hours.

**POWER COST
RECOVERY FACTOR:**

The charge per kilowatt and kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt and kilowatt hour as provided in the current LP&L "Power Cost Recovery Factor".

FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.
POWER FACTOR:	Applicable to Customers on this Rate Schedule with a peak demand of 200 kW or greater. At all times, Customer's Installation will maintain at LP&L's Point of Delivery, a power factor of not less than 85% lagging. Where Customer fails to maintain a power factor of at least 85% lagging at the point of delivery, Customer shall install suitable capacitors or other equipment necessary to raise the overall power factor at the point of delivery to a satisfactory value. Where such power factor correction equipment is used, Customer shall install a relay, switch or other regulating equipment for purposes of disconnecting or controlling the power factor correction equipment in order to prevent excessive voltage conditions on LP&L's system.
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase or three-phase, at one available standard voltage.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022



STREET LIGHTING SERVICE

Rate 18

APPLICABLE:	To municipal and State of Texas facilities for street lighting Service where facilities of adequate capacity and suitable voltage are adjacent to the Point of Service.		
TERRITORY:	LP&L Service Territory		
RATE:	Service Availability Charge:	\$0.00 per month per Meter	
	Energy Charge:	\$0.04781 per kWh	
DETERMINATION OF ENERGY USE:	Energy use will be determined by applying the total rated wattage of each fixture, including the ballast, to the number of hours of operation in each month. Street light burning time will be from one-half after sunset to one-half hour before sunrise using National Weather Service official sunrise & sunset times for Lubbock, Texas.		
POWER COST RECOVERY FACTOR:	The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt hour as provided in the current LP&L "Power Cost Recovery Factor".		
FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.		
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.		
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.		
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase at available standard voltage at the Point of Delivery.		

CONDITIONS OF SERVICE:	Customer will install, own, operate and maintain the street lighting system.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	October 1, 2022



GENERAL RELIGIOUS SERVICE

Rate 19

APPLICABLE:	To Service provided exclusively to the primary structure used for worship services of any church or religious association. This rate is not available for any other structure owned and operated by a church or religious association that is not primarily used for worship services. This rate is not applicable to temporary breakdown, standby, supplementary, or to Service for which a specific Rate Schedule is provided.		
TERRITORY:	LP&L Service Territory		
RATE:	Service Availability Charge:	\$16.77 per month per Meter	
	Energy Charge:	\$0.01847 per kWh	
PRORATING:	LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.		
POWER COST RECOVERY FACTOR:	The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt hour as provided in the current LP&L “Power Cost Recovery Factor”.		
FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.		
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.		
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.		
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase or three-phase, at one available standard voltage.		

**TERMS &
CONDITIONS:**

Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.

EFFECTIVE DATE:

For all Meters read by LP&L on or after October 1, 2022



SMALL MUNICIPAL & SCHOOL SERVICE

Rate 21

APPLICABLE:	To municipal facilities and public and private schools for Service supplied at secondary voltage for municipal and school purposes when all Service is supplied at one Point of Delivery and measured through one Meter, where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises, and whose load does not exceed 10 kW of demand in any month. Single-phase motors not to exceed 10 horsepower, individual capacity, may be served under this rate. Meters in which the load exceeds 10 kW of demand in any month will be assigned to either Rate 15 (Large School Service) or Rate 17 (Large Municipal Service) as applicable and will not be eligible to be reassigned to Rate 21 until there have been 12 consecutive months where loads have not exceeded 10 kW of demand.		
TERRITORY:	LP&L Service Territory		
RATE:	Service Availability Charge:	\$12.98 per month per Meter	
	Energy Charge:	\$0.01639 per kWh	
PRORATING:	LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.		
POWER COST RECOVERY FACTOR:	The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt hour as provided in the current LP&L "Power Cost Recovery Factor".		
FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.		
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.		

TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase or three-phase, at one available standard voltage.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	For all Meters read by LP&L on or after October 1, 2022.



OPTIONAL TIME-OF-USE SERVICE RIDER - EXPERIMENTAL

Applicable to Rates 15, 16, 16P and 17

APPLICABLE:	Available to Customers whose Service is provided under rates 15, 16, 16P, and 17 and that can establish a lower demand between 1:00 p.m. and 7:00 p.m. weekdays during summer billing months. LP&L reserves the right to limit the availability or to discontinue this option, if in LP&L's judgment, system load or cost characteristics no longer warrant such option. This rider is not available to Customers who have installed Distributed Generation at and after Customer's side of the Point of Delivery.
TERRITORY:	LP&L Service Territory
NON-SUMMER MONTHS:	For the billing months of October through May, the demand charge and the demand component of the Power Cost Recovery Factor (PCRF-D) shall be based on Customer's kW demand for the 15 or 30-minute period (as applicable per LP&L's metering technology selected) of greatest use during the month.
SUMMER MONTHS:	For the billing months of June through September, the demand charge shall be based on Customer's kW demand for the 15 or 30-minute period (as applicable per LP&L's metering technology selected) of greatest use during the month. The demand component of the Power Cost Recovery Factor (PCRF-D) shall be based on Customer's kW demand for the 15 or 30-minute period (as applicable per LP&L's metering technology selected) of greatest use during the on-peak demand period for the month.
DEMAND:	LP&L will furnish at its expense the necessary metering equipment to measure the Customer's kW demand for the 15 or 30-minute period (as applicable per LP&L's metering technology selected) of greatest use during the month. There will be no demand cap for Customers electing this rider.

**ON-PEAK / OFF-PEAK
DEMAND HOURS**

LP&L shall consider the on-peak/off-peak billing periods as follows:

Summer Months: On-Peak – Monday through Friday, 1:00 p.m. to 7:00 p.m., excluding official City of Lubbock recognized holidays
Off-Peak – All other hours.

Non-Summer Months: On-Peak – All hours.

EFFECTIVE DATE:

For all Meters read by LP&L on or after October 1, 2022.



GUARD LIGHT SERVICE

No new lights will be installed by LP&L. As a result, this rate is closed to new Customers.

APPLICABLE: For night outdoor guard lighting service where facilities of adequate capacity and suitable voltage are adjacent to the Point of Delivery. **This rate is closed to new Customers and no new lights will be installed for existing Customers.**

Mercury vapor lamps are no longer being manufactured or imported. Once the inventory of mercury vapor lamps is depleted, Customers will be given the option of having the guard light removed or replaced with another type of light which may have a different rate.

TERRITORY: LP&L Service Territory

RATE: Each 150 Watt 15,000 lumen (nominal – actual rating may vary) high-pressure sodium fixture installed on an overhead bracket on a wood pole: \$15.15 per month

Each 100 Watt 9,500 lumen (nominal – actual rating may vary) high-pressure sodium fixture installed on an overhead bracket on a wood pole: \$10.29 per month

Each 150 Watt 7,000 lumen (nominal – actual rating may vary) mercury vapor fixture installed on an overhead bracket on a wood pole: \$15.59 per month

Additional secondary line: For each additional 150 foot span of secondary line required beyond the first 150 feet: \$3.30 per month.

PRORATING: LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.

DETERMINATION OF ENERGY USE: 15,000 lumen HPS fixture uses 56 kWh per month.
9,500 lumen HPS fixture uses 38 kWh per month.
7,000 lumen MV fixture uses 67 kWh per month.

POWER COST RECOVERY FACTOR: The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt hour as provided in the current LP&L “Power Cost Recovery Factor”.

FRANCHISE FEE EQUIVALENT:	The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase at available standard voltage at the Point of Delivery.
CONDITIONS OF SERVICE:	LP&L will own, operate, and maintain on the Premises the existing lights. Lights are photo-electrically controlled and mounted on a metal bracket on LP&L's service poles, a separate 30 foot wood pole, or on any suitable mounting device belonging to Customer.
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	October 1, 2022



FLOOD LIGHT SERVICE

No new lights will be installed by LP&L. As a result, this rate is closed to new Customers.

APPLICABLE: For night outdoor flood light service where Customer's Installation has adequate capacity and suitable voltage are adjacent to the Premises. **This rate is closed to new Customers and no new lights will be installed for existing Customers.**

TERRITORY: LP&L Service Territory

RATE: The charge per month shall be the sum of Rate sections A+B+C+D:

RATE A: Charge per light for the first light on each 30 foot wood pole with
First Light Charge overhead Service:

<u>Lamp Wattage</u>	<u>Metal Halide</u>	<u>High Pressure Sodium</u>
150	N/A	\$22.35
175	\$22.48	N/A
250	\$24.11	\$24.21
400	\$25.08	\$25.62
1,000	\$38.38	\$38.82

RATE B: Additional charge per month for each additional light per pole:
Additional Light Charge

<u>Lamp Wattage</u>	<u>Metal Halide</u>	<u>High Pressure Sodium</u>
150	N/A	\$8.65
175	\$8.77	N/A
250	\$10.01	\$10.11
400	\$10.84	\$11.31
1,000	\$22.65	\$23.02

RATE C: Additional charge per month per pole:
Additional Pole Charge

	Overhead		Underground	
Pole	Wood	Wood	Steel	Steel
<u>Height</u>	<u>Pole</u>	<u>Pole</u>	<u>Pole</u>	<u>Pole</u>
30'	\$0.00	\$3.75	\$6.27	\$10.05
35'	\$1.86	\$5.61	\$8.13	\$11.90
40'	\$3.95	\$7.74	\$10.24	\$14.02
45'	\$5.60	\$9.39	\$11.89	\$15.67
50'	\$7.40	\$11.19	N/A	N/A

RATE D: For each additional 150 foot span of secondary line required beyond
Additional Service Span the first 150 feet: \$2.95 per month.
Charge

PRORATING: LP&L may prorate monthly fees according to policies and procedures adopted by the Director of Electric Utilities.

DETERMINATION OF ENERGY USE:	Lamp	Metal Halide		High Pressure Sodium	
	<u>Wattage</u>	<u>Lumen</u>	<u>kWh</u>	<u>Lumen</u>	<u>kWh</u>
	150	N/A	N/A	16,000	56
	175	14,000	62	N/A	N/A
	250	20,500	97	27,500	97
	400	36,000	136	50,000	159
	1,000	110,000	359	140,000	350

POWER COST RECOVERY FACTOR: The charge per kilowatt-hour of the above rate shall be increased by the applicable recovery factor per kilowatt hour as provided in the current LP&L "Power Cost Recovery Factor".

FRANCHISE FEE EQUIVALENT: The charge of the above rate may be increased (i) by an amount no greater than the equivalent franchise fee established by the City Council of the City of Lubbock for any other electric utility; or (ii) by an amount equal to any franchise fee obligation applicable to LP&L as established by the City Council of the City of Lubbock.

TAX: Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.

TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	AC. 60 hertz. Single-phase. 120 or 240 volts.
CONDITIONS OF SERVICE:	LP&L will own, operate, and maintain on the Premises the existing overhead flood lights. Lights are photo-electrically controlled and mounted on LP&L poles
TERMS & CONDITIONS:	Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.
EFFECTIVE DATE:	October 1, 2022



UTILITY COST RECOVERY FEES FOR NEW CONSTRUCTION

APPLICABLE:	The Service charges listed below are applicable to all Customers served by LP&L within new developments requiring underground line extensions through easements or public rights of way, and are in addition to any other charges made under LP&L's Tariff and Rate Schedules.
TERRITORY:	LP&L Service Territory
RATE: (PER LINEAR FOOT)	Commercial: \$19.29 Residential Subdivisions Full w/ Alleys: \$25.92 Residential Subdivisions Half w/Alleys: \$19.44 Residential Subdivisions Full No Alleys: \$25.92 Residential Subdivisions Half No Alleys: \$19.44
TAX:	Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services, or on the right or privilege of rendering the Service, or on any object or event incidental to the rendition of the Service.
TERMS OF PAYMENT:	Payment due on receipt. A late charge of 5% may be added to all bills not paid within 21 days after bill date. If the 21 st day falls on a weekend or an official City of Lubbock recognized holiday, the late charge will not be applied until the next business day.
CHARACTER OF SERVICE:	New development, redevelopment or expansion projects requiring LP&L underground line extensions.
CONDITIONS OF SERVICE:	Commercial developments greater than one acre require the developer's contractor to supply ditch, backfill and transformer pad on property to LP&L specifications. Commercial developments of one acre or less must meet LP&L in public right of way or dedicated easement for service connection. For residential subdivisions, "Full" refers to serving lots on both sides of alley or street. "Half" refers to serving lots on one side of alley or street. Refer to City of Lubbock Code of Ordinances, Section 38.09.005 for the fees associated with street light installations for residential subdivisions within city limits. Any required

easements for LP&L to deliver Service on the Premises shall be the developer's responsibility. LP&L is under no obligation to energize Facilities serving the development and/or Premises until such time as the developer has paid all applicable fees, provided necessary easements, and has met LP&L construction specifications.

TERMS & CONDITIONS: Service supplied under this rate is subject to the terms and conditions set forth in LP&L's General Terms and Conditions of the Tariff as approved by the City Council of the City of Lubbock and on file with the City Secretary of the City of Lubbock.

EFFECTIVE DATE: October 1, 2022

MISCELLANEOUS SERVICE CHARGES

APPLICABLE:	The Service charges listed below are applicable to all Customers served by LP&L and are in addition to any other charges made under LP&L's Tariff.
TERRITORY:	LP&L Service Territory
RETURNED ITEM CHARGE:	<p>\$30.00</p> <p>This charge is made when Customer's method of payment has been dishonored and returned to LP&L.</p>
DISCONNECT/RECONNECT FEE:	<p>\$27.50 when disconnected or reconnected during business hours</p> <p>\$43.50 when disconnected or reconnected after business hours</p> <p>\$57.50 when disconnected or reconnected at the pole during business hours</p> <p>\$75.00 when disconnected or reconnected at the pole after business hours</p> <p>This charge is made when Customer is disconnected because of a delinquent account or requests reconnection of Service after having been disconnected because of a delinquent account.</p>
TAMPERED SERVICE CHARGE:	<p>\$200.00 each occurrence plus expense for damages plus recovery of lost sales that are based on historical data or average use for similarly situated Customers.</p> <p>This charge is applied to any Customer who has tampered with the Meter installed on the Premises, or by any manner or means has prevented the total energy from being registered by the Meter installed for such purposes.</p>

**METER TESTING
CHARGE:**

Upon the request of a Customer, LP&L will test the accuracy of the Customer's Meter at no charge to the Customer. The test shall be made during LP&L's normal working hours and shall be scheduled to accommodate the Customer or the Customer's authorized representative, if the Customer desires to observe the test. The test should be made on the Premises, but may, at LP&L's discretion, be made at LP&L's test laboratory. If the Meter has been tested by LP&L at the Customer's request, and within a period of four years the Customer requests a new test, LP&L shall conduct the test. However, if the subsequent test finds the Meter to be within ANSI's accuracy standards, LP&L may charge the Customer a \$50.00 fee, which represents the cost of testing.

Following the completion of any requested test, LP&L shall promptly advise the Customer of the date of removal of the Meter, the date of the test, the result of the test, and who made the test.

**MISCELLANEOUS
CHARGES:**

At cost. This charge may be made for miscellaneous and non-routine services performed at the request of Customer but not covered specifically by any Rate or fee. The charges will be the reasonable costs incurred for performing such services including but not limited to labor, materials, transportation, miscellaneous expenses and all applicable overheads for the Service provided. This charge also includes any obstruction removal in accordance with Article III, Section 8 of the General Terms and Conditions, which would be the reasonable costs incurred for performing the necessary removal of obstructions.

**PULSE METERING
EQUIPMENT
INSTALLATION AND
REPLACEMENT
CHARGE:**

At cost. These charges may be made when Customer requests access to pulses from the revenue meter. The charges will be the reasonable costs incurred for providing such Service including but not limited to labor, materials, transportation, miscellaneous expenses and all applicable overheads for the Service provided.

TAX:

Billings under this schedule may be increased by an amount equal to the sum of the applicable federal, state and local taxes, fees, or charges levied, assessed and/or payable by LP&L for Services rendered, or on the right or privilege or rendering the Service, or on any object or event incidental to the rendition of the Service.

**ALTERNATIVE
METER CHARGE:**

Residential Customers who choose Non-Standard Meters are required to pay the incremental costs to provide the non-standard Service, which include costs to manually read Meters and perform other Services through non-standard processes that would otherwise not be required. Installation cost at Premises - to change-out a standard Meter for a Non-Standard Meter - shall be \$127.84 and shall be paid prior to installation plus a monthly charge of \$24.56 charged on the monthly invoice.

EFFECTIVE DATE:

October 1, 2022



POWER COST RECOVERY FACTOR:

The Power Cost Recovery Factor (PCRf), provides for the recovery of all power costs incurred by LP&L in serving system demand and energy requirements. The PCRf shall be reviewed and may be adjusted by the Director of Electric Utilities at a minimum of two times per year, once during the non-summer season of October through May and once during the summer season of June through September. The PCRf will have a demand (PCRf-D) and energy (PCRf-E) component or rate. The PCRf rates shall be established with the intention of matching PCRf revenues with actual power costs over the course of a fiscal year, giving consideration to seasonal fluctuations in load and in power prices. The PCRf may be adjusted more frequently if any over or under recovery exceeds the maximum variance as defined below.

For a particular customer class, the PCRf-E shall be adjusted by the following voltage level factors:

Primary Voltage: 1.0409

Secondary Voltage: 1.06340

On a monthly basis, LP&L shall track actual revenues collected from the PCRf and compare these revenues to actual total power costs incurred. The cumulative balance representing the difference between total PCRf revenues collected less total power costs incurred over the period shall be reported to the LP&L Electric Utility Board on a monthly basis.

A PCRf balancing account will be established with a cap equal to five percent of total annual budgeted or forecasted power costs to manage the monthly over/under collection of, or differences in, the monthly PCRf revenues and monthly power costs. If at any time, the reported cumulative balance of the difference between total PCRf revenues collected and power costs is greater than the PCRf balancing account cap, an adjustment may be made to the PCRf rates with the intention of refunding the over recovery amount. In addition, if at any time the reported cumulative balance of the difference between total PCRf revenues collected and power costs is approaching or less than zero, an adjustment may be made to the PCRf rates with the intention of replenishing the PCRf stabilization fund.

All mid-season adjustments to the PCRf shall be approved by the Electric Utility Board.

Lubbock Power & Light - Capital Program Details

NERC Compliance rules prohibit the release to the public of any information that could possibly be used to plan or carry out a terrorist attack on the electric system.

List of Terms and Acronyms

AMI	Advanced Metering Infrastructure
Billing System	Includes AMI, CIS, MDMS and MWFM systems
CCN	Certificate of Convenience and Necessity
CIS	Customer Information System
City of Lubbock Utilities	Customer Service Department that works on behalf of the LP&L, Solid Waste, Storm Water, and Water/Wastewater Utilities
COS	Cost of Service Study
CPR	Cardiopulmonary Resuscitation
EOC	Emergency Operations Center
EPS	ERCOT-Polled Settlement
ERCOT	Electric Reliability Council of Texas
FERC	Federal Energy Regulatory Commission
FF&E	Furniture Fixtures and Equipment
FFE	Franchise Fee Equivalent
FTE	Full Time Equivalent
FY	Fiscal Year
GIS	Geographic Information Systems
GT	Gas Turbine
IM	Integrated Marketplace (Southwest Power Pool)
IVR	Interactive Voice Response
kV	Kilovolt
kW	Kilowatt
kWh	Kilowatt-Hour
LED	Light-emitting diode
LMP	Locational Marginal Price
LP&L	Lubbock Power & Light
MDMS	Meter Data Management System
MVA	Mega Volt Ampere
MW	Megawatt
MWFM	Mobile Work Force Management
NERC	North American Electric Reliability Corporation
NOIE	Non Opt-In Entity
Note Program	Direct Purchase Revolving Note Program
OMS	Outage Management System
Opt-In	Opt-In to the ERCOT Competitive Retail Electric Market
Other City Utilities	Solid Waste, Storm Water and Water/Wastewater Utilities
PCRF	Power Cost Recovery Factor
PILOT	Payment in Lieu of Taxes
POLR	Provider of Last Resort
PPRF	Purchased Power Recovery Factor
PUC	Public Utility Commission
REP	Retail Electric Provider
RTO	Regional Transmission Organization
SCADA	Supervisory Control and Data Acquisition
SPP	Southwest Power Pool
SPS	Southwestern Public Service Company
T&D	Transmission and Distribution
TCOS	Transmission Cost of Service
TTU	Texas Tech University





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