MINUTES OF THE
KERRVILLE PUBLIC UTILITY BOARD
ANNUAL SYSTEM USERS MEETING
WEDNESDAY, DECEMBER 16, 2020 AT 8:30 A.M.
KPUB CONFERENCE ROOM
2250 MEMORIAL BLVD.
KERRVILLE, TEXAS

TRUSTEES PRESENT:

Bill Thomas
Philip Stacy *(Via teleconference)*
Mark Cowden
Larry Howard
Mayor Bill Blackburn

STAFF PRESENT:

Mike Wittler, General Manager and CEO
Jill Sadberry, Chief Financial Officer
Robby McCutcheon, IT Manager *(Via teleconference)*
Gerald Bryla, Controller *(Via teleconference)*
Tammye Riley, HR Manager
Allison Bueché, Interim Director of C.C.R
Howard Hall, Field Services Supervisor
Lidia S. Goldthorn, Assistant Secretary to the Board

TRUSTEES ABSENT:

OTHERS PRESENT:

Stephen Schulte, Legal Counsel
David Copeland, BSGM, L.L.P.

1. CALL TO ORDER:

Mr. Bill Thomas, Chairman, called the Annual System Users Meeting to order at 9:01 a.m.

2. PLEDGE OF ALLEGIANCE:

3. REPORT BY BSGM, L.L.P., CERTIFIED PUBLIC ACCOUNTANTS:

Mr. David Copeland addressed the Board of Trustees on behalf of BSGM, L.L.P. He presented a concise review of the Audited Financial Statements for the fiscal years ended September 30, 2020 and 2019, including an Independent Auditor's Report, and the Management Discussion and Analysis. Mr. Copeland then reviewed the financial statements along with the notes to the financial statements. He also went over the required supplementary information and advised there were no new GASB requirements.

Mr. Copeland stated that KPUB Management had presented fairly, in all material respects, the financial position of KPUB as of September 30, 2020 and 2019, and the changes in its financial position and its cash flows for the years then ended, in accordance with generally accepted accounting principles.

4. CONSIDERATION AND ACTION ON RESOLUTION NO. 20-22- JILL SADBERRY, CFO:

Ms. Sadberry presented and recommended approval of Resolution No. 20-22; a Resolution of the Kerrville Public Utility Board accepting the Fiscal Year End Audit of 2019/2020 and the Public Funds Investment Act Agreed Upon Procedures Report. Chairman Thomas requested a motion from the Board. Larry Howard, Treasurer, motioned for approval of Resolution 20-22. Mark Cowden, Secretary, seconded the motion. Vote by a show of hands. Motion carried 4 – 0 with 1 in abstention by Mr. Stacy, who advised he did not have ample time to review the audit.

Chairman Thomas thanked the auditor for the report.

5. ANNUAL GENERAL MANAGER'S REPORT – MIKE WITTLER

Mr. Wittler advised that KPUB's enabling authority, City of Kerrville Ordinance 87-45, states "at least annually the Board shall hold a meeting for all users of the System to discuss the general condition of the System and other such matters as the Board shall determine." He highlighted the continued financial stability of KPUB as reflected in the annual audit. Mr. Wittler indicated that the operating revenue for this fiscal year represented a decrease of $281,870 or 0.67% less than the previous year. The decrease resulted from a decrease in kWh sold. He added that for the twelve months ending September 30th, the Debt Service Coverage was 13.14; which compares favorably to the Board's established ratio of 1.65x to 1. Mr. Wittler advised the power supply cost to KPUB customers has remained competitive. The average residential energy cost for Fiscal Year 2020 was $85.00/1000kWh and $89.37/1000 kWh in 2019, which compare very favorably with rate comparisons published by the Texas Public Power Association, Texas Public Utility Commission and American Public Power Association. Projected residential energy cost for the remainder of Fiscal Year 2021 is $85.00/1000kWh or less.

Mr. Wittler advised that KPUB has continued to work on its long term power supply portfolio with the goal of ensuring long term stable rates for KPUB customers. In late 2018, KPUB executed two long term agreements with ENGIE for 25MW of capacity from their Long Draw Solar Project and OnPeak Power/Concho Bluff for 50MW of capacity from their Greasewood Solar Project. The projects are expected to begin commercial operations this week. New Braunfels Utilities, Garland Power and Light, and Denton Municipal Electric are taking power from the projects as well.

Mr. Wittler discussed major capital projects completed this year with overall costs at 40% of budget. Capital expenditures and construction projects included: (1) Hunt Substation transformer replacement; (2) extensions of and improvements to overhead and underground facilities to increase capacity and provide service to new customers and developments; (3) improvements to and replacements on the overhead and underground distribution system for enhanced capacity and reliability; (4) improvements to KPUB's substations for enhanced reliability; (5) improvements to KPUB's information and technology infrastructure including Access System upgrades, email software updates and infrastructure upgrades; (6) vehicle and equipment replacements. Costs associated with customer extensions decreased from $652,532 in Fiscal Year 2019 to $530,646 in Fiscal Year 2020. He advised the electric system was in very good condition. Although a significant uptick in customer outage time was experienced, with SAIDI (average annual outage time) going from 145 minutes in 2019 to 395 minutes in 2020, the majority of that increase was caused by major storms during the Memorial Day week. Staff performed admirably in response to the events. Within 12 hours of the biggest event additional crews were brought in from CTEC, Fredericksburg, Boerne, Seguin, James Power Line and Line Tech, effectively quadrupling the number of personnel in the field responding to the event. There were one lost time injury and no preventable vehicle accidents during the year.

Mr. Wittler advised that KPUB made monumental changes to operations in response to the Covid-19 pandemic. The highest priorities in all of the Covid-19 efforts have been ensuring the safety of employees and the customers we interact with, and ensuring that continuous operations were able to be maintained. Director of HR, Safety and Training, Tammye Riley, is to be commended for stepping up to lead the response efforts.

Mr. Wittler suggested moving the Annual System Users Meeting to January in order to allow enough time to review the audit documents. This will also allow more time to get the final documents together and be able to present the annual community report card in January.

6. CITIZEN/CONSUMER OPEN FORUM:

There were no citizens/consumers to speak.

7. ADJOURNMENT

At 9:29 a.m., Chairman Thomas noted that there being no further business, the meeting was adjourned.

Date Approved: _____

_____
Bill Thomas, Chairman

ATTEST

_____
Lidia S. Goldthorn, Assistant Secretary to the Board

MINUTES OF THE
KERRVILLE PUBLIC UTILITY BOARD
REGULAR MONTHLY MEETING
WEDNESDAY, DECEMBER 16, 2020, AT 8:30 A.M.
KPUB CONFERENCE ROOM
KERRVILLE PUBLIC UTILITY BOARD OFFICES
2250 MEMORIAL BLVD.
KERRVILLE, TEXAS

TRUSTEES PRESENT:

Bill Thomas
Philip Stacy *(Via teleconference)*
Mark Cowden
Larry Howard
Mayor Bill Blackburn

STAFF PRESENT:

Mike Wittler, General Manager and CEO
Jill Sadberry, Chief Financial Officer
Robby McCutcheon, IT Manager *(Via teleconference)*
Gerald Bryla, Controller *(Via teleconference)*
Tammye Riley, HR Manager
Allison Bueché, Interim Director of C.C.R
Howard Hall, Field Services Supervisor
Lidia S. Goldthorn, Assistant Secretary to the Board

TRUSTEES ABSENT:

OTHERS PRESENT:

Stephen Schulte, Legal Counsel

1. CALL TO ORDER:

Mr. Bill Thomas, Chairman, called the Regular Monthly Meeting to order at 9:30 a.m.

2. APPROVAL OF MINUTES:

The Trustees reviewed the minutes of the November 18, 2020 Regular Monthly Board Meeting. Mr. Howard motioned to approve the minutes. Philip Stacy, Vice Chairman, seconded the motion. Vote was by a show of hands. Motion carried 5 – 0.

3. CITIZEN/CONSUMER OPEN FORUM:

There were no citizens/consumers to speak.

4. ANNOUNCEMENTS OF COMMUNITY INTEREST:

Mr. Wittler advised a virtual ribbon cutting ceremony for the Long Draw Solar Project is scheduled for December 16th at 10:30 a.m. David Burley, Crew Leader/Lineman, was the staff spotlight for the month. David has been with KPUB for 21 years. KPUB received a Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers' Association (GFOA) for FY 2019. KPUB community involvement in the past month included Salvation Army Bell Ringing on December 11th; Community Blood Drive on December 3rd and Habitat Home Volunteer Day on December 5th. Mr. Wittler advised the next regular board meeting is scheduled for January 20, 2021 at 8:30 a.m.

5. CONSIDERATION AND ACTION ON RESOLUTION NO. 20-23 – JILL SADBERRY, CFO:

Ms. Sadberry presented this month's wire transfers for operating expenses to the Board. Mr. Cowden motioned for approval of Resolution No. 20–23. Mr. Howard seconded the motion. Vote was by a show of hands. Motion carried 5 – 0.

6. CONSIDERATION AND ACTION ON RESOLUTION NO. 20-24 – JILL SADBERRY, CFO:

Ms. Sadberry presented a resolution approving the authorized brokers and dealers for investment purposes for the system. She explained that this authorization is an annual requirement for investment services under current Texas Statutes.

Mr. Cowden motioned for approval of Resolution No. 20-24. Mr. Howard seconded the motion. Vote was by a show of hands. Motion carried 5 – 0.

7. FINANCIAL REPORT – JILL SADBERRY, CFO:

Ms. Sadberry presented the Financial Statements (unaudited) for the Fiscal Year 2021 through November 30, 2020. Ms. Sadberry reviewed the Statements and Balance Sheets for the month. She stated at November 30, 2020, operating expenses, excluding power cost, were below budget by $265,471.26 or by 13.08%. The balance in the over-collected power cost was $1,749,905.61. The balance in the Rate Stabilization Fund was $1,897,207.11. The Debt Service coverage was 10.27 for the month and 6.06 for the Fiscal Year. Ms. Sadberry informed the Board that the State of Texas had performed a sales tax audit over the last several months.

8. APPROVAL AND REPORTING OF PURCHASES AND SALES:

A. Fleet Purchase (Howard Hall, Field Services Supervisor)

Mr. Hall recommended the approval of a blanket purchase order to Terex Utilities, Inc., for a total of $208,000.00 to purchase a 2020 Freightliner truck with a new Terex Commander 4047 model Digger Derrick. Two quotes were received on this type of machine. Terex Utilities, Inc., quoted $208,000.00, and Altec Industries quoted $198,140.00 for the truck and unit. The quoted Terex unit that is normally priced at $290,000.00, however since this was a demo, they wanted to sell it before the end of this calendar year; which allowed for the large reduction in price. The unit has more lifting capacity than the Altec and safety features including a thinner boom for better visibility and the option for radio control so that the unit can be operated from the ground. This unit will replace Unit #3218, 2008 Ford F-750 Digger Derrick with approximately 42,000 miles and 3,000 PTO hours. A total of $230,000.00 was budgeted for this purchase. The quotes were provided for the Board's review.

B. Construction Services (Howard Hall, Field Services Supervisor)

Mr. Hall recommended approval of a purchase order to LineTec Services for $50,000.00 for the primary purpose of replacing utility poles that failed inspection, but may include other distribution, substation, or communication projects. This will allow KPUB to have work performed as the need arises without having to bid each project individually. Mr. Hall provided the price sheet from LineTec for review. Greenstone had not provided new pricing as requested. He advised that once the pricing has been received from all contractors, two purchase orders will be requested not to exceed $500,000.00 each. Mr. Hall plans to have two contractors on so that staff can evaluate pricing on a per job basis to determine the best value.

He advised two contractors will allow for a backup in case one is unable to perform. This will also secure set pricing for contractor assistance should emergency response be needed. Mr. Wittler recommended the purchase order be increased to $100,000.00 based on upcoming pole replacement goals. Board members requested more information regarding pricing from LineTec and requested more competitive bids.

Mayor Bill Blackburn motioned for approval of items #8A and #8B with modified amount of $100,000.00. Mr. Howard seconded the motion. Vote was by a show of hands. Motion carried 5 – 0.

C. Sole Source Purchase – Substation Maintenance 2021-2024 (Brian Mikulencak, Substation Project Coordinator)

Mr. Mikulencak presented an updated bid comparison for the Board's review. He recommended approval of a maintenance agreement with LCRA through approval of a purchase order for a total amount of $283,400.00. He advised this is a sole source purchase. The unit pricing that LCRA has quoted represents a significant increase over historical pricing from LCRA, but staff would like to continue with the LCRA maintenance program for at least another year while evaluating other options and pricing. He added that this contract can be terminated at any time without penalty. Staff is of the opinion that LCRA is best prepared and knowledgeable of the KPUB equipment, maintenance and testing procedures. LCRA retains the spare parts, testing equipment, personnel, switching UFLS control, emergency response crews, knowledge of the KPUB system and expertise that is vital to keeping our system maintenance and NERC testing up to date. KPUB even follows LCRA's Maintenance Standards Procedure Guide that has been approved by NERC and other entities which many other municipals follow as well. LCRA also supports KPUB with supplying mobile transformers during the week of transformer maintenance outages to support our customer load. With LCRA supplying the mobile transformer and also performing the maintenance, this ensures normal and keep within the mobile transformer timeline agreements set ahead of time. LCRA has many advantages over competitors and contractors when it comes to performing maintenance on our system, therefore KPUB feels that they are the best fit to continue our scheduled system maintenance. The Board discussed pursuing various options to look at for future substation maintenance.

Board Members discussed other options to find better pricing. Staff went over the advantages of continuing with the maintenance agreement at least for this year especially taking into consideration unit pricing - adding that LCRA brings a lot of value to the table for KPUB with the services they provide, their experience with KPUB's equipment, and also regulatory compliance; which is much easier under the current agreement. Mr. Mikulencak advised that if KPUB were to leave the current contract agreement, there may not be the option to come back to LCRA and/or it could limit the amount of work LCRA currently does for KPUB. He added that it would be difficult and costly to get bids for services individually. Mr. Wittler concurred, especially when looking at access to the mobile transformer unit used for testing. In checking with other utilities, Mr. Mikulencak advised that the pricing is standard with all customers. Mr. Stacy requested further information regarding this item be placed on next month's agenda.

Mr. Howard motioned for approval of item #8C. Mayor Blackburn seconded the motion. Vote was by a show of hands. Motion carried 5 – 0.

D. NISC Monthly Maintenance and Bill Print Service (Allison Bueché, Interim Director of Customer & Community Relations)

Ms. Bueché recommended approval of blanket purchase orders in the amount of $136,800.00 for monthly maintenance and support ($11,400.00 per month); $150,000.00 for bill printing and postage ($12,500.00 per month) for fiscal year 2021 (postage is approximately $110,000.00 of the $150,000.00); and $73,200.00 for mapping and staking. She advised the requested amounts are based upon projections of historical charges as approved in the existing support agreement.

Mr. Howard motioned for approval of item #8D. Mr. Cowden seconded the motion. Vote was by a show of hands. Motion carried 5 – 0.

9. UPDATE ON CHANGE FOR CHARITY PROGRAM – ALLISON BUECHÉ, INTERIM DIRECTOR OF CUSTOMER & COMMUNITY RELATIONS:

Ms. Bueché gave an update, advising the KPUB Change for Charity program fund is continuing to be well received, and that the partnership with St. Vincent de Paul continues smoothly as well. She advised there have been 647 residential customers opt-out of the round-up program as of December 10th. For the month of December, KPUB has granted $3,923.94 in program funds to-date to 32 households. Ms. Bueché added that since the program's inception, a total of $67,989.45 has been granted in bill payment assistance through the Change for Charity Fund to 429 families in the community. Board Members thanked Ms. Bueché.

10. CONSIDERATION AND ACTION ON EMPLOYEE INCENTIVE AND MANAGEMENT INCENTIVE PLANS FOR FY 2021 – TAMMYE RILEY, H.R. MANAGER:

Ms. Riley requested this item be tabled until the next monthly meeting for further review by the Personnel Committee. The Board agreed.

11. UPDATE AND DISCUSSION ON COVID-19 – TAMMYE RILEY, H.R. MANAGER:

Ms. Riley advised there were no significant changes. All procedures with monitoring, screening and sanitizing efforts are still being done and employees are encouraged to continue to follow CDC guidelines. She advised most efforts have been adhering to quarantine guidelines where possible exposure may have occurred, however KPUB has not had any cases. Board Members thanked Ms. Riley for her efforts.

12. ADJOURNMENT

Chairman Thomas adjourned the Regular Board Meeting at 10:31 a.m.

Date Approved: _____

_____
Bill Thomas, Chairman

ATTEST

_____
Lidia S. Goldthorn, Assistant Secretary to the Board

MEMORANDUM

TO: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

FROM: Jill Sadberry

DATE: January 11, 2021

SUBJECT: Agenda Item #6 - Resolution No. 21-01

Presented for your review, wire transfers for operating expenses.

I. WIRE TRANSFERS - Operating Expense

ERCOT – CRR Auction Invoice Paid December 23, 2020 Transfer from TexPool Investment Fund to ERCOT.	$	461.81
ERCOT – CRR Auction Invoice Paid January 11, 2021 Transfer from TexPool Investment Fund to ERCOT.	$	48,508.06
LCRA - Power Cost Billing 11/01/2020 to 11/30/2020 Paid December 31, 2020 Transfer from TexPool Investment Fund to LCRA.	$	544,172.32
CPS ENERGY - Power Cost Billing 11/01/2020 to 11/30/2020. Paid December 23, 2020 Transfer from TexPool Investment Fund to CPS ENERGY.	$	886,717.59
NEXTERA - Power Cost Billing 11/01/2020 to 11/30/2020. Paid December 21, 2020 Transfer from TexPool Investment Fund to NEXTERA.	$	470,092.00
CITY OF GARLAND – Power Cost Billing 11/01/2020 to 11/30/2020. Paid December 31, 2020 Transfer from TexPool Investment Fund to CITY OF GARLAND.	$	321,763.92
DG TEXAS SOLAR, LLC - Power Cost Billing 11/01/2020 to 11/30/2020. Paid December 22, 2020 Transfer from TexPool Investment Fund to DG TEXAS SOLAR, LLC.	$	33,143.09

ENGIE LONG DRAW SOLAR, LLC – Power Cost Billing 11/01/2020 to 11/30/2020
Paid January 13, 2021 Transfer from TexPool Investment Fund
to ENGIE LONG DRAW SOLAR, LLC. $ 6,518.15

II. WIRE TRANSFERS – Investments

A. Transfer from Centennial Bank Revenue Fund to TexPool Investment Fund:

Date	Principal
December 11, 2020	$ 200,000.00
December 13, 2020	300,000.00
December 18, 2020	400,000.00
December 21, 2020	200,000.00
December 28, 2020	200,000.00
December 30, 2020	200,000.00
January 05, 2021	500,000.00
January 11, 2021	700,000.00
January 13, 2021 (Withdrawl)	-200,000.00

III. WIRE TRANSFERS - Payroll

Automated Clearing House for Pay Periods Ending:

December 11, 2020	$	101,606.23
December 24, 2020	$	105,263.37
January 08, 2021	$	106,094.96

IV. WIRE TRANSFERS - Payroll - Federal Reserve Bank

Federal Withholding and FICA for Period Ending:

December 11, 2020	$	35,035.81
December 24, 2020	$	36,397.03
January 08, 2021	$	38,388.93

V. WIRE TRANSFER - Comptroller of Public Accounts

2020 - Sales and Use Tax for December – Paid 01/06/2021 $ 65,193.15

VI. WIRE TRANSFER - TMRS and TML

Texas Municipal Retirement System (TMRS)
Retirement Plan Contribution
for the month of December – Paid 01/04/2021 $ 63,370.31

Texas Municipal League (TML)
Monthly Premium - Medical, Dental, Vision and Life
for the month of December – Paid 01/04/2021 $ 53,983.86

If you have any questions on the items presented for payment, I will be happy to answer them at your convenience.

Sincerely,

Jill Sadberry
Chief Financial Officer

RESOLUTION NO. 21-01

A RESOLUTION OF THE KERRVILLE PUBLIC UTILITY BOARD CONFIRMING AND AUTHORIZING THE PAYMENTS OF INVOICES AS APPROVED AND PRESENTED BY THE CHIEF FINANCIAL OFFICER AND GENERAL MANAGER / CEO.

WHEREAS, the providers of services or material have submitted invoices for payment; and

WHEREAS, the Chief Financial Officer or General Manager/CEO has reviewed the invoices and approved payments for services rendered or material received.

WHEREAS, the items marked "Paid" have been previously approved by the Board and are included in this Resolution for information; now, therefore,

BE IT RESOLVED BY THE KERRVILLE PUBLIC UTILITY BOARD THAT:

Section 1. That the Kerrville Public Utility Board review payment of the items set forth on the preceding Schedule.

Section 2. That the Kerrville Public Utility Board instructs the General Manager/CEO or his designee to make said payments and ratifies the payment of the items marked "Paid."

Section 3. This Resolution shall take effect immediately from and after its passage.

PASSED, APPROVED AND ADOPTED on this 20th day of January, 2021

_____

Bill Thomas, Chairman

ATTEST:

_____

Mark Cowden, Secretary

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Jill Sadberry

Date: January 12, 2021

Re: Agenda Item No. 7 — Financial Report

Operating income for the month of December is $810,553.48, which is above budget by $446,111.48. Net income for the month is $818,477.89, which is above budget by $434,923.89. Year to date operating income is above budget by $192,104.13 and net income is above budget by $161,558.01.

For the year, kWh sales are above budget by 21,709 kWhs, or by 1.92%.

At December 31, 2020, operating expenses, excluding power cost, are below budget by $338,707.53 or by 11.10%.

The balance in the over collected power cost at December 31, 2020 was $1,457,678.99.

The balance in the Rate Stabilization Fund is $1,897,316.60.

Debt service coverage for December is 25.04. The coverage factor for the fiscal year is 11.91.

Sincerely,

Jill Sadberry

Jill Sadberry
Chief Financial Officer

Kerrville Public Utility Board
Statement of Revenues, Expenses and Changes in Retained Earnings
December 31, 2020
(UNAUDITED)

		Comparison to Budget			Comparison to Last Year		
	Current Month	Current Month Budget Amount	Increase (Decrease)	Percentage Increase (Decrease)	Current Month Last Year Amount	Increase (Decrease)	Percentage Increase (Decrease)
OPERATING REVENUES:							
Residential	2,601,149.59	2,068,819.00	532,330.59	25.73%	2,023,185.22	577,964.37	28.57%
Commercial/Industrial	1,651,647.13	1,670,003.00	(18,355.87)	-1.10%	1,449,518.51	202,128.62	13.94%
Sales to Public Authorities	20,864.44	23,200.00	(2,335.56)	-10.07%	23,275.30	(2,410.86)	-10.36%
Other	36,572.68	41,650.00	(5,077.32)	-12.19%	31,633.94	4,938.74	15.61%
TOTAL OPERATING REVENUES	4,310,233.84	3,803,672.00	506,561.84	13.32%	3,527,612.97	782,620.87	22.19%
OPERATING EXPENSES:							
Purchased Power	2,552,797.63	2,419,111.00	133,686.63	5.53%	2,281,733.76	271,063.87	11.88%
Distribution	228,952.82	289,919.00	(60,966.18)	-21.03%	290,113.01	(61,160.19)	-21.08%
Customer Accounting	46,650.24	55,400.00	(8,749.76)	-15.79%	47,981.26	(1,331.02)	-2.77%
Customer Service & Informational	28,349.17	28,000.00	349.17	1.25%	15,185.39	13,163.78	86.69%
Administrative Expenses	349,999.59	351,000.00	(1,000.41)	-0.29%	344,554.78	5,444.81	1.58%
Franchise Fees - Ingram	2,275.48	2,800.00	(524.52)	-18.73%	2,335.46	(59.98)	-2.57%
Depreciation	290,725.53	295,000.00	(4,274.47)	-1.45%	284,885.36	5,840.17	2.05%
Other	(70.10)	(2,000.00)	1,929.90	-96.50%	(1,369.01)	1,298.91	-94.88%
TOTAL OPERATING EXPENSES	3,499,680.36	3,439,230.00	60,450.36	1.76%	3,265,420.01	234,260.35	7.17%
OPERATING INCOME	810,553.48	364,442.00	446,111.48	122.41%	262,192.96	548,360.52	209.14%
NONOPERATING REVENUES (EXPENSES):							
Revenue Fund	6,782.42	7,517.00	(734.58)	-9.77%	33,369.26	(26,586.84)	-79.67%
Interest & Sinking Fund	3.13	88.00	(84.87)	-96.44%	146.50	(143.37)	-97.86%
Reserve Fund	-	-	-		-	-	
Interest Inc-City of Kerrville	16,666.67	14,167.00	2,499.67	17.64%	15,000.00		
Interest Expense	(10,460.33)	(10,460.00)	(0.33)	0.00%	(11,215.55)	755.22	6.73%
Interest On Customer's Deposits	(946.10)	-	(946.10)		-	(946.10)	
AFUDC - Borrowed Funds	-	3,100.00	(3,100.00)	-100.00%	2,329.21	(2,329.21)	-100.00%
Other - net	(4,121.38)	4,700.00	(8,821.38)	187.69%	363.14	(4,484.52)	-1234.93%
TOTAL NONOPERATING REVENUES (EXPENSES):	7,924.41	19,112.00	(11,187.59)	58.54%	39,992.56	(33,734.82)	-84.35%
NET INCOME	818,477.89	383,554.00	434,923.89	113.39%	302,185.52	514,625.70	170.30%
RETAINED EARNINGS AT BEGINNING OF MONTH	69,395,408.46				68,432,370.62	(377,300.00)	
Plus: Contributions in Aid of Const	60,932.46	9,000.00	51,932.46	577.03%	29,933.08	30,999.38	103.56%
Less: General Fund Transfer - Regular	124,056.46	114,300.00	9,756.46	8.54%	109,615.13	14,441.33	13.17%
Less: General Fund Transfer - Special	(39,500.00)	-	(39,500.00)		-	-	
RETAINED EARNINGS AT END OF MONTH	70,190,262.35				68,654,874.09		
Percent of Net Income to Operating Rev	18.99%				8.57%		

Kerrville Public Utility Board
Statement of Revenues, Expenses and Changes in Retained Earnings
December 31, 2020
(UNAUDITED)

		Comparison to Budget			Comparison to Last Year		
	Year to Date	Year to Date Budget Amount	Increase (Decrease)	Percentage Increase (Decrease)	Year to Date Last Year Amount	Increase (Decrease)	Percentage Increase (Decrease)
OPERATING REVENUES:							
Residential	5,928,237.15	5,319,989.00	608,248.15	11.43%	5,709,752.24	218,484.91	3.83%
Commercial/Industrial	4,117,520.80	4,605,778.00	(488,257.20)	-10.60%	4,403,585.25	(286,064.45)	-6.50%
Sales to Public Authorities	62,438.69	69,600.00	(7,161.31)	-10.29%	69,708.67	(7,269.98)	-10.43%
Other	104,547.44	118,550.00	(14,002.56)	-11.81%	(7,258.45)	111,805.89	-1540.35%
TOTAL OPERATING REVENUES	10,212,744.08	10,113,917.00	98,827.08	0.98%	10,175,787.71	36,956.37	0.36%
OPERATING EXPENSES:							
Purchased Power	6,980,346.48	6,734,916.00	245,430.48	3.64%	6,495,438.20	484,908.28	7.47%
Distribution	664,975.64	867,153.00	(202,177.36)	-23.32%	858,449.20	(193,473.56)	-22.54%
Customer Accounting	168,352.73	165,800.00	2,552.73	1.54%	146,409.36	21,943.37	14.99%
Customer Service & Informational	68,431.25	83,700.00	(15,268.75)	-18.24%	50,239.40	18,191.85	36.21%
Administrative Expenses	956,499.46	1,048,700.00	(92,200.54)	-8.79%	914,204.17	42,295.29	4.63%
Franchise Fees - Ingram	6,859.54	7,400.00	(540.46)	-7.30%	7,241.88	(382.34)	-5.28%
Depreciation	856,777.87	883,500.00	(26,722.13)	-3.02%	848,704.38	8,073.49	0.95%
Other	(10,351.02)	(6,000.00)	(4,351.02)	72.52%	(10,326.58)	(24.44)	0.24%
TOTAL OPERATING EXPENSES	9,691,891.95	9,785,169.00	(93,277.05)	-0.95%	9,310,360.01	381,531.94	4.10%
OPERATING INCOME	520,852.13	328,748.00	192,104.13	58.44%	865,427.70	(344,575.57)	-39.82%
NONOPERATING REVENUES (EXPENSES):							
Revenue Fund	23,098.59	22,551.00	547.59	2.43%	106,390.64	(83,292.05)	-78.29%
Interest & Sinking Fund	39.14	264.00	(224.86)	-85.17%	898.97	(859.83)	-95.65%
Reserve Fund			-		-	-	#DIV/0!
Interest Inc-City of Kerrville	50,000.01	42,501.00	7,499.01	17.64%	45,000.00	5,000.01	11.11%
Interest Expense	(32,136.21)	(32,136.00)	(0.21)	0.00%	(34,290.18)	2,153.97	-6.28%
Interest On Customer's Deposits	(2,849.95)	-	(2,849.95)	#DIV/0!	-	(2,849.95)	#DIV/0!
AFUDC - Borrowed Funds	-	9,300.00	(9,300.00)	-100.00%	7,854.83	(7,854.83)	-100.00%
Other - net	(12,117.70)	14,100.00	(26,217.70)	185.94%	1,274.66	(13,392.36)	-1050.66%
TOTAL NONOPERATING REVENUES (EXPENSES):	26,033.88	56,580.00	(30,546.12)	53.99%	127,128.92	(101,095.04)	79.52%
NET INCOME	546,886.01	385,328.00	161,558.01	41.93%	992,556.62	(445,670.61)	-44.90%
RETAINED EARNINGS AT BEGINNING OF YEAR	69,843,094.49				67,899,781.61		
Plus: Contributions in Aid of Const	93,029.28	27,000.00	66,029.28	244.55%	87,050.44	5,978.84	6.87%
Less: General Fund Transfer - Regular	292,747.43	303,200.00	(10,452.57)	-3.45%	324,514.58	(31,767.15)	-9.79%
Less: General Fund Transfer - Special	-	45,920.00	(45,920.00)		-	-	#DIV/0!
RETAINED EARNINGS AT END OF YEAR	70,190,262.35				68,654,874.09		
Percent of Net Income to Operating Rev	5.35%				9.75%		

Kerrville Public Utility Board
Balance Sheets
December 31, 2020

Assets	December 31, 2020 (Unaudited)	October 1, 2020
Utility Plant:		
Electric Plant in Service	86,839,278.91	84,757,080.78
Less: Accumulated Depreciation	(42,221,265.34)	(41,511,651.27)
	44,618,013.57	43,245,429.51
Construction Work in Progress	2,944,653.55	4,386,813.55
Net Utility Plant	47,562,667.12	47,632,243.06
Restricted Assets:		
Cash and Cash Equivalents:		
Customer Deposits	524,506.00	523,276.00
Total Cash and Cash Equivalents	524,506.00	523,276.00
Investments:		
2013 Bond Construction Fund	-	-
Interest and Sinking Fund	89,423.80	423,697.43
Emergency, Repair, Replace, Conting Fund	3,610,729.02	3,534,535.21
L.T. Rate Stabilization Fund:	723,735.15	723,583.07
Total Investments	4,423,887.97	4,681,815.71
Total Restricted Assets	4,948,393.97	5,205,091.71
Current Assets:		
Revenue Fund:		
Cash and Cash Equivalents	391,773.64	591,034.51
Investments - Less: Customer Deposits	10,184,534.76	10,485,175.65
Total Revenue Fund	10,576,308.40	11,076,210.16
Construction Fund:		
Cash and Cash Equivalents	5,070.86	5,067.68
Investments	1,658,868.27	1,658,519.20
Total Construction Fund	1,663,939.13	1,663,586.88
Rate Stabilization Fund:		
Cash and Cash Equivalents	-	-
Investments	1,897,316.60	1,896,917.91
Total Rate Stabilization Fund	1,897,316.60	1,896,917.91
ERCOT CRR Auction Funds	382,610.78	279,826.49
Customer Accounts Receivable, Net of Allowances	3,644,735.08	3,721,152.41
Materials and Supplies	1,006,833.42	1,011,261.27
Other	1,024,027.58	912,521.10
Total Current Assets	20,195,770.99	20,561,476.22
Deferred Debits		
Deferred Outflow of Resources	1,972,449.53	1,972,449.53
Advance to City of Kerrville	7,500,000.00	7,500,000.00
Advance to City of Kerrville-2020	1,000,000.00	1,000,000.00
Total	83,179,281.61	83,871,260.52

Liabilities and Equity	December 31, 2020 (Unaudited)	October 1, 2020
Equity:		
Retained Earnings - Unreserved	70,190,262.45	69,843,094.49
Total Equity	70,190,262.45	69,843,094.49
Liabilities:		
Long-Term Debt:		
2013 Revenue Bonds		
Net of Current Portion	3,269,000.00	3,680,000.00
Plus: Unamortized Premium	-	-
Less: Unamortized Refunding Charge	-	-
Pension Liability	1,445,475.00	1,445,475.00
Total Long-Term Debt	4,714,475.00	5,125,475.00
Current Liabilities Payable from Restricted Assets:		
Current Portion of 2013 Revenue Bonds	411,000.00	401,000.00
Accrued Interest Payable	20,920.66	56,077.75
Customer Deposits	524,506.00	523,276.00
Interest on Customer Deposits	13,676.78	11,564.40
	970,103.44	991,918.15
Current Liabilities:		
Accounts Payable - Power Suppliers	2,542,430.12	2,165,917.04
Accounts Payable and Accrued Liab's	763,515.61	1,220,722.13
Over Collection of Power Cost Adj Revs	1,457,678.99	1,983,317.71
	4,763,624.72	5,369,956.88
Total Liabilities	10,448,203.16	11,487,350.03
Deferred Credits		
Deferred Inflows of Resources-Pension	2,540,816.00	2,540,816.00
Total	83,179,281.61	83,871,260.52
	-	-

(S1)

Kerrville Public Utility Board

Detail of Fund Balances from Funds Invested in Government Securities For the Month Of December 2020

					Restricted				
		Revenue Fund	Construction Fund	Rate Stabilization Fund	*Long Term Rate Stabil. Fund*	Debt Reserve Fund	*Interest & Sinking Fund*	*Emergency, Repair, Replace & Contingency Fund*	Total Funds Invested
Beginning of the Month Balance		11,455,652.68	1,661,093.83	1,897,207.11	723,693.39	-	44,150.56	3,105,551.67	18,887,349.24
									-
Maturities and/or Withdrawals:									-
TEXPOOL-TML Insurance	12/1/2020	(55,054.69)							(55,054.69)
TEXPOOL-TMRS	12/1/2020	(78,569.35)							(78,569.35)
TEXPOOL-LCRA	12/31/2020	(544,172.32)							(544,172.32)
TEXPOOL-CPS Energy	12/23/2020	(886,717.59)							(886,717.59)
TEXPOOL-NextEra	12/21/2020	(470,092.00)							(470,092.00)
TEXPOOL-ERCOT	12/23/2020	(461.81)							(461.81)
TEXPOOL-ERCOT									-
TEXPOOL-City of Garland	12/31/2020	(321,763.92)							(321,763.92)
TEXPOOL-DG Southwest Solar LLC	12/22/2020	(33,143.09)							(33,143.09)
TEXPOOL-Withdrawal to Chkg									-
TEXPOOL-TML Insurance	12/8/2020	(47.04)							(47.04)
									-
Hunt Emergency Transformer Replacement			-						-
Fund EM Rep,Rep & Cont Fund Per Resolution 20-21	12/31/2020	(75,474.49)						75,474.49	-
									-
Investments:									
TEXPOOL	12/4/2020	500,000.00							500,000.00
TEXPOOL	12/8/2020	200,000.00							200,000.00
TEXPOOL	12/11/2020	200,000.00							200,000.00
TEXPOOL	12/14/2020	300,000.00							300,000.00
TEXPOOL	12/18/2020	400,000.00							400,000.00
TEXPOOL	12/21/2020	200,000.00							200,000.00
TEXPOOL	12/28/2020	200,000.00							200,000.00
TEXPOOL	12/30/2020	200,000.00							200,000.00
TEXPOOL									-
TEXPOOL									-
									-
									-
Transfer City Interest Payment									-
		11,190,156.38	1,661,093.83	1,897,207.11	723,693.39	-	44,150.56	3,181,026.16	18,697,327.43
Allocation of:									
mo int earned to the separate funds		695.59	95.86	109.49	41.76	-	3.13	179.34	1,125.17
Transfer of interest to I & S Fund									
Interest Receivable (accrued on CD)		3,936.58						1,663.75	5,600.33
Interest Receivable (accrued on CD)								(15,033.61)	(15,033.61)
									-
									-
Tot Fund Bal after int allocation & Xfer		11,194,788.55	1,661,189.69	1,897,316.60	723,735.15	-	44,153.69	3,167,835.64	18,689,019.32
Interfund transfers	12/25/20	(44,709.66)					44,709.66		-
Total Fund Balance at End of Month		11,150,078.89	1,661,189.69	1,897,316.60	723,735.15	-	88,863.35	3,167,835.64	18,689,019.32

Kerrville Public Utility Board
Computation of the Monthly and Year to Date Debt Service Coverage
For the Month Ended December 31, 2020

Description	Current Month	Fiscal Year	Previous Twelve Months
Net Income	818,477.89	546,886.01	3,419,859.56
Plus:			
Interest Expense (net of amortizations)	10,460.33	43,351.76	108,317.35
Depreciation Expense	290,725.53	1,139,207.55	3,722,689.55
Miscellaneous Amortizations	-	-	-
Numerator	1,119,663.75	1,729,445.32	7,250,866.46
DIVIDED BY:			
Interest Expense	10,460.33	43,351.76	108,317.35
Principal Payment Due	34,250.00	101,916.67	402,666.67
Denominator	44,710.33	145,268.43	510,984.02
Debt Service Coverage Ratio	25.04	11.91	14.19
Minimum Requirement per Bond Covenant		1.35	times Debt Service
Minimum Requirement Established by KPUB Board for Good Business Practices		1.65	times Debt Service

Kerrville Public Utility Board December-20
Summary of Selected Financial and Operating Ratios

1) Revenue per Kilowatt-hour (dollars):

Definition: a) All Retail Classes - The ratio of total electric operating revenues from sales to ultimate customers to total kilowatt-hour sales. This ratio measures the amount of revenue for each kilowatt-hour of electricity used by all classes of customers.

b) Residential - The ratio of residential revenues to residential sales. This ratio measures the amount of revenue received for each kilowatt-hour of electricity used by residential customers.

c) Commercial - The ratio of commercial revenues to commercial sales. This ratio measures the amount of revenue received for each kilowatt-hour of electricity used by commercial customers.

		Revenue	kWh Sales	Revenue Per kWh	Non-Gen. Utilities	APPA S. W. Region	APPA 20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region	Owned Utilities	Owned Utilities (TX
All Retail Custome	FY 2012	42,927,648	492,342,590	0.087	0.089	0.086	0.087	N/A	0.079	
	FY 2013	37,178,226	460,974,578	0.081	0.090	0.089	0.085	N/A		
	FY 2014	39,512,239	496,392,874	0.080	0.094	0.087	0.099	N/A		
	FY 2015	42,463,400	495,885,573	0.086	0.097	0.088	0.940			
	FY 2016	33,961,264	479,917,532	0.071	0.098	0.095	0.098			
	FY 2017	39,685,883	466,665,272	0.085	0.098	0.091	0.096			
	FY 2018	42,208,338	500,063,719	0.084						
	FY 2019	41,913,910	504,939,128	0.083						
	FY 2020	41,672,978	496,894,907	0.084						
	FY 2021	10,212,744	115,398,464	0.088						
All Residentia	FY 2012	23,870,503	259,951,293	0.092	0.098	0.095	0.097	N/A		
	FY 2013	20,130,407	243,190,541	0.083	0.098	0.100	0.096	N/A		
	FY 2014	21,665,694	271,751,425	0.080	0.103	0.098	0.104	N/A		
	FY 2015	23,662,827	269,571,423	0.088	0.106	0.100	0.102			
	FY 2016	18,472,374	255,942,839	0.072	0.106	0.105	0.107			
	FY 2017	21,423,482	245,964,874	0.087	0.106	0.105	0.106			
	FY 2018	23,605,191	272,787,300	0.087						
	FY 2019	23,338,018	278,703,036	0.084						
	FY 2020	23,798,342	282,945,332	0.084						
	FY 2021	5,928,237	61,187,760	0.097						
All Commercial	FY 2012	18,547,551	232,391,297	0.080	0.098	0.087	0.098	N/A		
	FY 2013	16,437,879	217,784,037	0.075	0.097	0.087	0.095	N/A		
	FY 2014	17,227,506	224,641,449	0.077	0.102	0.088	0.105	N/A		
	FY 2015	18,219,622	226,314,150	0.081	0.095	0.088	0.101			
	FY 2016	14,693,500	223,974,693	0.066	0.100	0.094	0.102			
	FY 2017	17,325,564	220,700,398	0.079	0.093	0.092	0.103			
	FY 2018	17,768,280	227,276,419	0.078						
	FY 2019	17,678,626	226,236,092	0.078						
	FY 2020	17,208,159	213,949,575	0.080						
	FY 2021	4,117,521	54,210,704	0.076						

2) Revenue per Customer (dollars):

Definition: a) All Retail Classes - The ratio of total electric operating revenues from sales to ultimate customers to the average number of customers. This ratio measures the average amount of revenue received from each retail customer from any class.

b) Residential - The ratio of residential revenues to the average number of residential customers. This measures the average amount of revenue received from each residential customer.

c) Commercial - The ratio of commercial revenues to the average number of commercial customers. This ratio measures the average amount of revenue received from each commercial customer.

		Revenue	Average # of Customers	Revenue per Customer	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
All Retail Classes:	FY 2012	42,927,648	21,796	1,970	N/A	N/A	N/A	N/A
	FY 2013	37,178,226	21,929	1,695	N/A	N/A	N/A	N/A
	FY 2014	39,512,239	22,033	1,793	N/A	N/A	N/A	N/A
	FY 2015	42,463,400	22,207	1,912	N/A	N/A	N/A	N/A
	FY 2016	33,961,264	22,419	1,503	N/A	N/A	N/A	N/A
	FY 2017	39,685,883	22,639	1,753				
	FY 2018	42,208,338	22,825	1,849				
	FY 2019	41,913,910	22,993	1,823				
	FY 2020	41,672,978	23,162	1,799				
	FY 2021	10,212,744	23,348	1,750				
Residential:	FY 2012	23,870,503	17,970	1,328	N/A	N/A	N/A	N/A
	FY 2013	20,130,407	18,125	1,111	N/A	N/A	N/A	N/A
	FY 2014	21,665,694	18,173	1,193	N/A	N/A	N/A	N/A
	FY 2015	23,662,827	18,258	1,296	N/A	N/A	N/A	N/A
	FY 2016	18,472,374	18,609	993	N/A	N/A	N/A	N/A
	FY 2017	21,423,482	18,811	1,139				
	FY 2018	23,605,191	18,948	1,246				
	FY 2019	23,338,018	19,081	1,223				
	FY 2020	23,798,342	19,282	1,234				
	FY 2021	5,928,237	19,465	1,218				
Commercial:	FY 2012	18,547,551	3,731	4,971	N/A	N/A	N/A	N/A
	FY 2013	16,437,879	3,738	4,398	N/A	N/A	N/A	N/A
	FY 2014	17,227,506	3,742	4,604	N/A	N/A	N/A	N/A
	FY 2015	18,219,621	3,743	4,868	N/A	N/A	N/A	N/A
	FY 2016	14,693,500	3,793	3,874	N/A	N/A	N/A	N/A
	FY 2017	17,325,564	3,829	4,525				
	FY 2018	17,768,280	3,877	4,584				
	FY 2019	17,678,626	3,913	4,518				
	FY 2020	17,208,159	3,880	4,435				
	FY 2021	4,117,521	3,884	4,241				

3) Debt to Total Assets:

Definition: The ratio of long-term debt, plus current and accrued liabilities, to total assets and other debits. This ratio measures a utility's ability to meet its current and long-term liabilities based on the availibility of assets.

FY	Debt	Total Assets	Ratio	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
FY 2012	9,465,415	52,665,518	0.18	0.300	0.381	0.296	N/A
FY 2013	8,606,205	54,199,106	0.16	0.243	0.502	0.342	N/A
FY 2014	15,563,923	64,047,153	0.24	0.273	0.442	0.333	N/A
FY 2015	17,207,394	72,656,742	0.24	0.259	0.411	0.271	
FY 2016	19,705,180	75,699,704	0.26	0.255	0.386	0.336	
FY 2017	11,199,945	76,559,475	0.15	0.230	0.393	0.308	
FY 2018	11,640,480	78,150,416	0.15				
FY 2019	14,148,983	83,352,199	0.17				
FY 2020	11,487,350	83,871,261	0.14				
FY 2021	10,448,203	83,179,282	0.13				

4) Operating Ratio:

Definition: The ratio of total electric operation and maintenance expenses to total electric operating revenues. This ratio measures the proportion of revenues received from electricity sales, rate adjustments and other electric activities required to cover the operation and maintenance costs associated with producing and selling electricity. (excludes depreciation)

FY	O & M Expenses	Operating Revenues	Operating Ratio	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
FY 2012	35,593,689	42,927,648	0.829	0.896	0.816	0.859	N/A
FY 2013	31,296,713	37,178,232	0.842	0.917	0.722	0.870	N/A
FY 2014	33,636,603	39,512,239	0.851	0.894	0.866	0.859	N/A
FY 2015	37,394,087	42,463,400	0.881	0.893	0.806	0.874	
FY 2016	28,958,536	33,961,264	0.853	0.874	0.833	0.867	
FY 2017	33,868,590	39,685,883	0.853	0.888	0.807	0.860	
FY 2018	36,212,407	42,208,338	0.858				
FY 2019	35,220,014	41,913,910	0.840				
FY 2020	35,650,004	41,672,978	0.855				
FY 2021	8,835,114	10,212,744	0.865				

5) Current Ratio:

Definition: The ratio of total current and accrued assets to total current and accrued liabilities. This ratio is a measure of the utility's short-term liquidity, that is, the ability to pay its bills. The current ratio takes a snapshot of the utility's liquidity at a point in time and thus may vary considerably at other times of the year.

FY	Current & Accrued Assets	Current & Accrued Liab.	Current Ratio	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
FY 2012	15,035,462	3,525,649	4.26	N/A	3.60	2.71	N/A
FY 2013	20,744,315	6,615,132	3.14	N/A	2.19	2.51	N/A
FY 2014	20,193,162	7,340,412	2.75	N/A	3.54	2.48	N/A
FY 2015	34,334,939	11,260,816	3.05	N/A	3.55	2.70	N/A
FY 2016	33,658,598	11,268,403	2.99	N/A	3.49	1.90	N/A
FY 2017	27,743,927	3,221,448	8.61	N/A	4.01	3.08	N/A
FY 2018	25,591,381	5,858,456	4.37				
FY 2019	24,948,633	5,173,869	4.82				
FY 2020	20,561,476	5,369,957	3.83				
FY 2021	20,195,771	4,763,625	4.24				

6) Net Income per Revenue Dollar (dollars):

Definition: The ratio of net electric utility income to total electric operating revenues. This ratio measures the amount of income remaining, after accounting for operation and maintenance expenses, depreciation, taxes, and tax equivalents, and contributions and services, to every dollar received from sales of electricity.

FY	Net Income	Operating Revenues	Net Income Per Revenue Dollar	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
FY 2012	4,983,577	42,927,648	0.116	N/A	0.080	0.043	N/A
FY 2013	3,630,026	37,178,226	0.098	N/A	0.098	0.039	N/A
FY 2014	3,604,128	39,512,239	0.091	N/A	0.054	0.041	N/A
FY 2015	2,681,736	42,463,400	0.063	N/A	0.053	0.097	N/A
FY 2016	2,208,549	33,961,264	0.065	N/A	0.083	0.116	N/A
FY 2017	2,979,022	39,685,883	0.075		0.048	0.070	
FY 2018	2,420,526	42,208,338	0.057				
FY 2019	3,996,518	41,913,910	0.095				
FY 2020	2,938,831	41,672,978	0.071				
FY 2021	546,886	10,212,744	0.054				

6a) Net Income per Revenue Dollar (dollars) (continued):

In order to be comparable to other utilities, Net Income must be reduced by the amount of the transfer to the City of Kerrville General Fund. The resulting ratios appear below:

FY	Net Income Less Transfer	Operating Revenues	Net Income Per Revenue Dollar	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
FY 2012	3,663,835	42,927,648	0.085	N/A	0.080	0.043	N/A
FY 2013	2,417,251	37,178,226	0.065	N/A	0.098	0.039	N/A
FY 2014	2,312,206	39,512,239	0.059	N/A	0.054	0.041	N/A
FY 2015	1,169,602	42,463,400	0.028	N/A	0.053	0.097	N/A
FY 2016	1,098,213	33,961,264	0.032	N/A	0.083	0.116	N/A
FY 2017	1,746,181	39,685,883	0.044	N/A	0.048	0.070	N/A
FY 2018	1,073,831	42,208,338	0.025				
FY 2019	2,630,486	41,913,910	0.063				
FY 2020	1,663,876	41,672,978	0.040				
FY 2021	254,139	10,212,744	0.025				

7) Debt Service Coverage Ratio:

Definition: The ratio of net revenues available for debt service to long-term debt service for the year. Net income has non-cash costs, such as depreciation, and debt service costs, such as interest and principal payments, added back to calculate the numerator. The denominator consists of principal, interest, and amortization of debt discount. The ratio measures the cash available from operations to meet the debt service requirements. KPUB's Bond ordinance requires it to maintain a 1.35 to 1 debt service coverage ratio.

FY	Net Income + Debt Service & non-cash	Debt Service	Debt Service Coverage	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
FY 2012	7,267,396	2,613,683	2.78	N/A	2.88	2.48	N/A
FY 2013	5,879,328	2,256,874	2.61	N/A	2.33	3.86	N/A
FY 2014	6,004,370	583,468	10.29	N/A	2.84	1.97	N/A
FY 2015	5,077,773	529,098	9.60	N/A	4.34	4.34	N/A
FY 2016	5,202,893	531,907	9.78	N/A	3.09	3.80	N/A
FY 2017	6,652,372	531,470	12.52	N/A	2.16	4.36	N/A
FY 2018	6,528,367	521,953	12.51				
FY 2019	7,350,510	504,395	14.57				
FY 2020	6,462,418	491,651	13.14				
FY 2021	1,729,445	145,268	11.91				

8) Total Operation and Maintenance Expense per Kilowatt-hour Sold (dollars):

Definition: The ratio of total electric utility operation and maintenance expenses, less depreciation, including the cost of generated and purchased power, to total kilowatt-hour sales to ultimate and resale customers. This ratio measures average total operation and maintenance expenses associated with each kilowatt-hour of electricity sold, either for resale or to ultimate customers.

FY	O & M Expenses	kWh Sales	Cost per kWh	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
FY 2012	35,720,991	495,882,331	0.072	0.075	0.060	0.067	N/A
FY 2013	42,539,909	494,571,058	0.086	0.084	0.061	0.069	N/A
FY 2014	33,636,603	496,392,874	0.068	0.086	0.070	0.077	N/A
FY 2015	37,394,087	495,885,573	0.075	0.087	0.071	0.077	N/A
FY 2016	28,958,536	479,917,532	0.060	0.085	0.071	0.086	N/A
FY 2017	33,868,590	466,665,272	0.073	0.088	0.073	0.083	
FY 2018	36,212,407	500,063,719	0.072				
FY 2019	35,220,014	504,939,128	0.070				
FY 2020	35,650,004	496,894,907	0.072				
FY 2021	8,835,114	115,398,464	0.077				

9) Total Operation and Maintenance Expense (Excluding Power Supply Expense) per Retail Customer (dollars):

Definition: The ratio of total electric utility operation and maintenance expenses, less depreciation, excluding all costs of power supply, to the total number of ultimate customers.

FY	O & M Expense less Purchased Powe	Number of Customers	Cost per Customer	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
FY 2012	5,893,288	21,796	270	N/A	431	399	N/A
FY 2013	6,464,816	21,929	295	N/A	599	472	N/A
FY 2014	7,477,068	22,033	339	N/A	541	487	N/A
FY 2015	8,232,153	22,207	371	N/A	504	501	N/A
FY 2016	6,946,877	22,597	307	N/A	526	499	N/A
FY 2017	7,116,752	22,681	314	N/A	574	573	N/A
FY 2018	7,293,939	22,968	318				
FY 2019	7,786,676	23,018	338				
FY 2020	8,081,150	23,306	347				
FY 2021	1,854,768	23,390	317				

10) Total Power Supply Expense per Kilowatt-hour Sold (dollars):

Definition: The ratio of total costs of power supply to total sales to both ultimate and resale customers. This ratio measures all power supply costs, including generation and purchased power, associated with the sale of each kilowatt-hour of electricity.

FY	Purchased Power Expense	kWh Sales	Cost per kWh	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
FY 2012	29,700,401	492,342,590	0.060	0.069	0.055	0.056	N/A
FY 2013	24,831,897	460,974,578	0.054	0.071	0.043	0.054	N/A
FY 2014	26,159,535	496,392,874	0.053	0.074	0.054	0.063	N/A
FY 2015	29,161,935	495,885,573	0.059	0.072	0.056	0.060	N/A
FY 2016	22,011,659	479,917,532	0.046	0.071	0.055	0.063	N/A
FY 2017	26,751,838	466,665,272	0.057	0.074	0.054	0.062	N/A
FY 2018	29,918,468	500,063,719	0.060				
FY 2019	27,433,339	504,939,128	0.054				
FY 2020	27,568,854	496,894,907	0.055				
FY 2021	6,980,346	115,398,464	0.060				

11) Purchased Power Cost per Kilowatt-hour (dollars):

Definition: The ratio of the cost of purchased power to the amount of kilowatt-hours purchased. This ratio measures the purchased power component of power supply costs.

FY	Purchased Power Expense	kWh Purchased	Cost per kWh	(A) Non-Gen. Utilities Utilities	(A) S. W. Region Region	20,000-50,000 Customers Customers	APPA 50,000 Cust. S. W. Region S. W. Region
FY 2012	29,700,401	508,561,630	0.058	0.064	0.051	0.052	N/A
FY 2013	24,831,897	494,069,520	0.050	0.068	0.050	0.050	N/A
FY 2014	26,159,535	526,606,627	0.050	0.070	0.053	0.061	N/A
FY 2015	29,161,935	528,997,459	0.055	0.070	0.052	0.055	N/A
FY 2016	22,011,659	503,332,985	0.044	0.068	0.050	0.058	N/A
FY 2017	26,751,838	501,525,275	0.053	0.074	0.051	0.059	N/A
FY 2018	29,918,468	530,832,591	0.056				
FY 2019	27,433,339	530,542,081	0.052				
FY 2020	27,568,854	520,199,443	0.053				
FY 2021	6,980,346	121,259,235	0.058				

12) Equity to Capital Ratio:

Definition: The ratio of the total equity to KPUB's total bond debt plus total equity. This ratio was identified by Fitch Ratings in its rating of KPUB in August 2001.

FY	Total Debt	Total Equity	(D) Equity/ Capitalization %	(D) ERCOT Non-Gen. Utilities	(D) ERCOT Gen. Utilities	(D) Fitch 'AA' Rate Non-Gen. Utilities	(D) Fitch 'A' Rated Non-Gen. Utilities
FY 2012	2,047,140	43,200,103	0.9548	N/A	N/A	N/A	N/A
FY 2013	N/A	45,592,901		N/A	N/A	N/A	N/A
FY 2014	5,984,000	47,922,127	0.9213	N/A	N/A	N/A	N/A
FY 2015	5,612,000	55,449,347	0.9452	N/A	N/A	N/A	N/A
FY 2016	5,237,000	55,994,524	0.9491	N/A	N/A	N/A	N/A
FY 2017	4,858,000	65,359,529	0.9538	N/A	N/A	N/A	N/A
FY 2018	4,473,000	64,988,633	0.9583				
FY 2019	4,081,000	67,949,782	0.9629				
FY 2020	3,680,000	69,843,094	0.9670				
FY 2021	3,269,000	70,190,262	0.9593				

13) Administrative and General Expenses per Retail Customer (dollars):

Definition: The ratio of total electric administrative and general expenses to the total number of retail customers.

FY	A and G Expenses	Number of Customers	Cost per Customer	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region	(B) Invtr Owned Utilities (U.S.)
FY 2012	2,664,423	21,796	122.24	150	150	153	N/A	N/A
FY 2013	2,904,140	21,929	132.43	140	239	168	N/A	N/A
FY 2014	3,902,527	22,033	177.12	145	178	159	N/A	N/A
FY 2015	4,510,222	22,207	203.35	156	170	149	N/A	N/A
FY 2016	3,448,412	22,597	152.60	164	170	152	N/A	N/A
FY 2017	3,518,863	22,681	155.13	162	234	182	N/A	N/A
FY 2018	3,594,348	22,968	156.49					
FY 2019	3,737,997	23,018	162.39					
FY 2020	3,844,614	23,306	164.96					
FY 2021	956,499	23,390	163.57					

14) Customer Accounting, Customer Service & Informational Expenses per Retail Customer (dollars):

Definition: The ratio of total customer accounting, customer service, and sales expenses to the total number of retail customers. This ratio measures the average expenses incurred by the utility in handling each customer's account. This includes the costs of obtaining and servicing all retail customers. Uncollectible accounts and meter reading expenses are included in this ratio.

FY	Customer Accounting, Customer Service & Sales Expenses	Number of Customers	Cost per Customer	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region	(B) Invtr Owned Utilities (U.S.)
FY 2012	1,087,721	21,701	50.12	N/A	60	62	N/A	N/A
FY 2013	1,041,196	21,863	47.62	N/A	86	80	N/A	N/A
FY 2014	1,131,679	21,915	51.64	N/A	48	62	N/A	N/A
FY 2015	1,145,573	22,002	52.07	N/A	49	59	N/A	N/A
FY 2016	942,242	22,402	42.06	N/A	52	59	N/A	N/A
FY 2017	1,051,982	22,639	46.47	N/A	64	58	N/A	N/A
FY 2018	1,139,861	22,825	49.94					
FY 2019	1,040,759	22,993	45.26					
FY 2020	889,768	23,162	38.41					
FY 2021	236,784	23,348	40.57					

15) Distribution Operation and Maintenance Expenses per Retail Customer (dollars):

Definition: The ratio of total distribution operation and maintenance expenses to the total number of retail customers. This ratio measures the average distribution expense associated with delivering power to each retail customer.

FY	Distribution Operation and Maintenance Expenses	Avg Number of Customers	Cost per Customer	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region	(B) Invtr Owned Utilities (U.S.)
FY 2012	2,187,394	21,701	100.80	N/A	170	152	N/A	N/A
FY 2013	2,555,693	21,863	116.90	N/A	129	177	N/A	N/A
FY 2014	2,488,855	21,915	113.57	N/A	165	161	N/A	N/A
FY 2015	2,597,130	22,002	118.04	N/A	173	167	N/A	N/A
FY 2016	2,584,162	22,402	115.35	N/A	175	162	N/A	N/A
FY 2017	2,570,837	22,639	113.56	N/A	122	200	N/A	N/A
FY 2018	2,568,044	22,825	112.51					
FY 2019	3,005,119	22,993	130.70					
FY 2020	3,334,014	23,162	143.94					
FY 2021	664,976	23,348	113.92					

16) Days Cash On Hand:

Definition: Unrestricted Cash & Cash equivalents divided by Operating Expenses less Depreciation times 365.

FY	Unrestricted Cash and Investments	Operating Expenses less Depreciation	Days Cash On Hand	(D) ERCOT Non-Gen. Utilities	(D) ERCOT Gen. Utilities	(D) Fitch 'AA' Rated Non-Gen. Utilities	(D) Fitch 'A' Rated Non-Gen. Utilities
FY 2012	8,805,915	35,593,689	91	N/A	N/A	N/A	N/A
FY 2013	11,092,134	31,296,713	129	N/A	N/A	N/A	N/A
FY 2014	14,199,201	33,636,603	154	N/A	N/A	N/A	N/A
FY 2015	27,008,347	37,538,638	263	N/A	N/A	N/A	N/A
FY 2016	20,882,642	28,958,536	264	N/A	N/A	N/A	N/A
FY 2017	21,394,727	33,868,590	263	N/A	N/A	N/A	N/A
FY 2018	19,037,581	36,212,407	192				
FY 2019	19,393,143	35,220,014	201				
FY 2020	18,894,833	35,650,004	193				
FY 2021	18,472,028	8,835,114	192				

17) Energy Loss Percentage:

Definition: The ratio of total energy losses to total sources of energy.

FY	Purchased Kwh	kWh Sold	% Sales	% Line Loss	(A) Non-Gen. Utilities	(A) S. W. Region	20,000-50,000 Customers
FY 2012	508,561,630	488,605,371	0.9608	3.92%	0.0391	0.043	0.0377
FY 2013	494,069,520	460,974,578	0.9330	6.70%	0.0367	0.088	0.0379
FY 2014	526,606,827	496,392,874	0.9426	5.74%	0.0330	0.038	0.0314
FY 2015	528,997,459	495,885,573	0.9374	6.25%	0.0308	0.040	0.0338
FY 2016	503,332,952	479,917,532	0.9535	4.65%	0.0395	0.041	0.0382
FY 2017	501,525,275	466,665,272	0.9305	6.95%	0.0367	0.041	0.0348
FY 2018	530,832,591	500,063,719	0.9420	5.80%			
FY 2019	530,542,081	504,939,128	0.9517	4.83%			
FY 2020	520,199,443	496,894,907	0.9552	4.48%			
FY 2021	121,259,235	115,398,464	0.9517	4.83%			

18) Working Capital Balance:

Definition: The total of the current assets less the current liabilities.

FY	Current Assets	Current Liabilities	Working Capital
FY 2012	13,777,249	4,297,090	9,480,159
FY 2013	17,231,262	6,058,593	11,172,669
FY 2014	23,265,453	8,438,634	14,826,819
FY 2015	30,821,886	10,725,481	20,096,405
FY 2016	22,918,733	10,557,349	12,361,384
FY 2017	24,211,847	3,691,117	20,520,730
FY 2018	22,078,328	4,893,729	17,184,598
FY 2019	22,359,193	5,549,678	16,809,515
FY 2020	20,561,476	5,369,957	15,191,519
FY 2021	20,195,771	4,763,625	15,432,146

19) Customer Accounts Receivable Recap:

Definition: A recap of the customer accounts receivable, account write-offs net of collections, the bad debt allowance, the bad debt allowance balance as a percent of receivables, the ratio of the writeoffs to receivables and the ratio of writeoffs to sales:

FY	Balance of Customer Accounts Receivable Including Unbilled Sales Estimate	Unbilled Accounts Receivable	Balance of Bad Debt Allowance	Expensed Allowance	Allowance a % of Receivable	Writeoffs as a % of Receivables	Writeoffs as a % of Operating Rev.
FY 2012	6,959,804	4,400,760	90,000	67,387	1.29%	0.0097	0.0016
FY 2013	4,926,079	3,019,839	73,159	49,333	1.49%	0.0100	0.0013
FY 2014	5,261,521	3,352,658	43,500	48,678	0.83%	0.0093	0.0012
FY 2015	5,932,335	4,133,604	70,100	88,186	1.19%	0.0149	0.0021
FY 2016	4,211,272	2,561,150	53,857	18,728	1.28%	0.0044	0.0006
FY 2017	4,791,603	2,849,936	76,419	46,547	1.59%	0.0097	0.0012
FY 2018	4,431,069	2,310,201	86,344	58,000	1.95%	0.0131	0.0014
FY 2019	4,248,616	2,390,972	73,244	55,000	1.72%	0.0129	0.0827
FY 2020	3,664,940	2,068,142	104,813	42,000	2.86%	0.0115	0.0010
FY 2021	3,566,167	2,315,343	83,537	33,947	2.34%	0.0095	0.0033

	Jan,Feb March	Apr,May, June	Jul,Aug,Sept	Oct-20	Nov-20	Dec-20	GRAND TOTAL
ALL POINTS COMMUNICATIONS, INC.	6,532.83	4,349.37	5,940.46	-	108.50	-	16,931.16
ALTEC INDUSTRIES, INC.	3,393.72	4,319.16	2,984.35	-	-	97.89	10,795.12
AMERICAN FIDELITY ASSURANCE CO	8,419.26	8,419.26	8,419.26	5,300.20	-	5,259.80	35,817.78
AMERICAN PUBLIC POWER ASSN CORP	785.00	20,213.49	4,629.00	-	585.00		26,212.49
ANIXTER INC	74,230.31	40,632.79	24,409.50	8,828.50	497.92	6,068.84	154,667.86
BOLINGER, SEGARS, GILBERT & MOSS L	2,000.00	-	-	-	26,000.00	-	28,000.00
BRYCOMM, LLC				58,370.00			58,370.00
CARD SERVICE CENTER	40,769.56	12,587.48	33,871.06	12,669.32	6,945.68	6,129.04	112,972.14
CENTRAL TEXAS ELECTRIC COOPERATIVE			13,613.71				13,613.71
CITY OF INGRAM	32,045.28	-	27,890.02				59,935.30
CITY OF KERRVILLE	325,366.36	270,913.56	350,366.28	125,856.40	-	97,997.50	1,170,500.10
CITY OF SEGUIN		25,083.97	-				25,083.97
COMPUER SOLUTIONS	867.20	1,609.78	48,383.66	34,452.63			85,313.27
COOPER POWER SYSTEMS	-	44,609.29	-				44,609.29
COOPERATIVE RESPONSE CENTER INC	11,740.50	15,625.56	13,395.14	4,375.26	4,168.57	4,094.27	53,399.30
D W ELECTRIC CO., INC.		18,731.29	9,197.00				27,928.29
DAVIDSON TROILO REAM & GARZA	31,843.03	29,156.88	17,591.76	1,907.50	2,565.50	4,073.80	87,138.47
DELLMARKETING LP	2,195.00	37,012.39	9,926.21			902.52	50,036.12
ECOMPLIANCE INC	-	20,263.95	-				20,263.95
FEDRESULTS INC	-	-	10,000.00				10,000.00
GDS ASSOCIATES	44,950.41	54,977.11	18,572.75	645.00	268.75	161.25	119,575.27
GREENSTONE ELECTRICAL SERVICES LL	215,588.69	35,133.80	-	9,025.00			259,747.49
HILL COUNTRY TELEPHONE COOPERATI	3,336.84	3,645.31	2,781.49	995.98	1,020.70	995.98	12,776.30
INCEPTION CONCEPTS LLC	-	7,257.58	-	9,497.00	5,119.82		21,874.40
INTEGRAL AV SOLUTIONS, LLC						23,794.58	23,794.58
JAMES POWER LINE CONSTRUCTION LLC			140,353.60				140,353.60
JUAN JOSE MARTINEZ JR	6,000.00	6,000.00	13,975.00	3,000.00	3,000.00	3,000.00	34,975.00
KBS ELECTRICAL DISTRIBUTORSINC	61,277.82	18,025.25	5,231.50	4,377.50	265.00	-	89,177.07
KEL-CO LANDSCAPING & LAWN SERVICE	2,700.00	1,800.00	3,600.00	900.00	900.00	900.00	10,800.00
KEN STOEPEL FORD	94,784.93	-	-				94,784.93
KERRVILLE ECONOMIC DEVELOPMENT C	-	-	-	39,500.00			39,500.00
KERRVILLE PUBLIC UTILITY BOARD-ELEC	7,572.94	4,609.74	10,858.32	2,759.73	2,692.91	2,333.68	30,827.32
KERRVILLE RANCH AND PET CENTER			9,152.00		3,267.85		12,419.85
KRAUSS GARAGE	8,339.53	17,579.09	13,155.51	2,435.84	3,710.05	2,767.29	47,987.31
KWIKSIGNS		90.00	9,513.50		9,513.50		19,117.00
LANDIS+GYR TECHNOLOGY INC	24,000.00	92,818.36	41,456.50	3,084.36	645.00	3,089.16	165,093.38
LINETEC SERVICES LLC	-	1,869.00	51,199.03			8,126.00	61,194.03
LONESTAR FIELD SERVICES	2,145.00	1,760.00	5,736.55	1,100.00	550.00	1,540.00	12,831.55
LOWER COLORADO RIVER AUTHORITY	402,208.02	312.00	418,043.05	19,950.74	7,211.99	91,881.00	939,606.80
M&S ENGINEERING	3,752.00	6,471.10	7,020.00				17,243.10
MARMON UTILITY LLC				36,500.00			36,500.00
MAXEY ENERGY COMPANY	17,861.04	9,541.80	31,576.86				58,979.70
MCCORD ENGINEERING INC	13,908.55	4,359.29	-				18,267.84
METROPOLOTAN LIFE INS CO	9,087.10	7,176.98	6,773.75	2,265.78	2,264.60	2,192.73	29,760.94
NATIONAL TREE EXPERT CO INC	75,473.13	3,955.60	-				79,428.73
NISC INC	82,740.62	80,204.81	81,423.04	27,782.28	28,371.42	27,043.52	327,565.69
OSMOSE UTILITIES SERVICES INC	-	21,527.75	-				21,527.75
PRESIDIO NETWORKED SOLUTIONS GROUP, LLC			11,130.73		26,169.21		37,299.94

RAPID7 LLC	4,938.00	-	13,250.00		23,922.75		42,110.75
REPUBLIC SERVICES #859, INC.	2,529.32	2,530.14	2,560.89	1,104.48	1,029.90	1,181.14	10,945.87
SCHNEIDER ENGINEERING INC	32,112.66	48,503.75	74,883.75	21,458.75	9,507.45	16,461.60	202,927.96
SECUREWORKS INC	33,481.00	-	-				33,481.00
SHI GOVERNMENT SOLUTIONS INC	8,928.42	3,594.00	3,675.50	5,091.98	4,359.75	2,052.24	27,701.89
STATE COMPTROLLER	-	-	-		33,947.07		33,947.07
STERLING COMPUTERS CORPORATION				24,203.52			24,203.52
STROEHER & OLFERS, INC.	2,057.28		3,108.25	1,432.32	727.56	4,045.64	11,371.05
STUART C IRBY COMPANY	28,046.46	5,713.50	34,416.92	6,651.52	12,581.63	7,225.65	94,635.68
SURVALENT TECHNOLOGY INC	-	-	24,514.00	3,600.00			28,114.00
TECHLINE INC	46,375.86	63,222.63	63,820.37	36,496.21	8,739.03	33,777.69	252,431.79
TEREX UTILITIES SOUTH, INC.	44.15					208,000.00	208,044.15
TEXAS ELECTRIC COOPERATIVES INC	95,212.38	170,700.33	67,354.25	59,730.87	5,999.20	64,586.80	463,583.83
TEXAS PUBLIC POWER ASSOC	3,475.00	-	17,257.00				20,732.00
TOWNSEND TREE SERVICE COMPANY LL	29,152.73	113,994.56	211,891.48	47,203.39	-	61,250.75	463,492.91
TSE INTERNATIONAL			128,895.00				128,895.00
US PAYMENTS, LLC		31,563.97	-				31,563.97
USIC LOCATING SERVIES INC	9,292.42	9,837.59	9,005.36	2,936.66	3,182.97	2,941.40	37,196.40
VERDEK	15,740.00	80.00	-				15,820.00
VERIZON WIRELESS	7,203.41	7,337.22	6,280.01	2,056.32	2,208.53	1,829.05	26,914.54
WAINWRIGHT ELECTRIC LLC		21,900.00	-				21,900.00
WELLBORN ENGINEERING & SURVEYING					10,141.48	11,711.25	21,852.73
WESCO DISTRIBUTION INC	19,959.61	5,769.23	23,384.78	24,834.99	53,095.20	9,565.53	136,609.34
WINDSTRAM COMMUNICATIONS	7,936.65	7,212.36	6,946.85				22,095.86
	1,962,400.02	1,424,602.07	2,153,415.00	652,380.03	305,284.49	717,077.59	7,215,169.20

Accounts Payable
Check Register

10/01/2020 To 12/31/2020

Bank Account: 1 - Happy State BANK 1

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
1288	10/08/2020	DD	1568	BRYCOMM, LLC	ACS/IDS SYSTEMS INSTALLATION	58,370.00
1289	10/08/2020	DD	108	CITY OF KERRVILLE	3% GROSS REVENUES FEES-SEPTEMBER	125,684.87
1295	10/08/2020	DD	70	TECHLINE INCORPORATED	DEADEND GUY GRIP	12,693.85
1296	10/08/2020	DD	18391	TEXAS ELECTRIC COOPERATIVES, INC.	PERIWINKLE CABLE COIL	18,943.52
1299	10/08/2020	DD	77	WESCO DISTRIBUTION, INC.	WEDGE CLAMP	20,788.25
1309	10/15/2020	DD	25169	NISC, INC.	SOFTWARE/MAPPING/STAKING-SUPPORT SEPT.	27,782.28
1321	10/22/2020	DD	18391	TEXAS ELECTRIC COOPERATIVES, INC.	METERS 2SE C320 240V	32,906.81
1322	10/22/2020	DD	1531	TOWNSEND TREE SERVICE COMPANY	TREE TRIMMING SERVICES NTX22 WE09122020	37,771.25
1328	10/29/2020	DD	70	TECHLINE INCORPORATED	100AMP 15KV CUTOUT	13,909.81
1338	11/05/2020	DD	17273	STUART C.IRBY COMPANY	1/0 TERMINATOR CABLE	11,972.04
1354	11/12/2020	DD	77	WESCO DISTRIBUTION, INC.	1000MCM AL 220 MIL 15KV CABLE	52,110.41
1359	11/19/2020	DD	25169	NISC, INC.	SOFTWARE LICENSE/ENGINEERING SUPPORT	17,075.12
1360	11/19/2020	DD	1065	RAPID7 LLC	MANAGED DETECTION/RESPONSE SVC. RENEWAL	23,922.75
1370	11/25/2020	DD	25169	NISC, INC.	BILLING & MISC. SERVICES-OCTOBER	11,296.30
1374	12/03/2020	DD	1579	INTEGRAL AV SOLUTIONS, LLC	KPUB BOARDROOM UPGRADE WO4100070	17,824.58
1378	12/03/2020	DD	18391	TEXAS ELECTRIC COOPERATIVES, INC.	6 AWG DUPLEX CABLE	12,970.00
1382	12/10/2020	DD	108	CITY OF KERRVILLE	3% GROSS REVENUES FEES-OCTOBER	97,719.08
1389	12/10/2020	DD	1531	TOWNSEND TREE SERVICE COMPANY	TREE TRIMMING SERVICES GF WE10102020	35,171.10
1400	12/17/2020	DD	70	TECHLINE INCORPORATED	40/55/60 FT CREOSOTE POLES	10,241.50
1401	12/17/2020	DD	1531	TOWNSEND TREE SERVICE COMPANY	TREE TRIMMING SERVICES NTX23 WE11072020	19,673.55
1409	12/23/2020	DD	25169	NISC, INC.	SOFTWARE LICENSE/ENGINEERING SUPPORT-NOV	27,043.52
1412	12/23/2020	DD	18391	TEXAS ELECTRIC COOPERATIVES, INC.	LABOR METER REPAIR/CALIBRATION 3RD PARTY	50,397.00
1416	12/31/2020	DD	70	TECHLINE INCORPORATED	FLOOD SEAL CONNECTOR	15,081.97
132032	10/01/2020	CHK	1572	STERLING COMPUTERS CORPORATION	VREALIZE NETWORK SUBSCRIPTION	24,203.52
132049	10/08/2020	CHK	25172	KERRVILLE ECONOMIC DEVELOPMEN	FY 2020/2021 FUNDING REQUEST	39,500.00
132081	10/15/2020	CHK	273	COMPUTER SOLUTIONS	APC GALAXY UPS SYSTEM	26,401.12

Accounts Payable
Check Register

10/01/2020 To 12/31/2020

Bank Account: 1 - Happy State BANK 1

Check / Tran	Date	Pmt Type	Vendor	Vendor Name	Reference		Amount
132086	10/15/2020	CHK	110	LOWER COLORADO RIVER AUTHORITY	CREDIT-S406 RIM ROCK SUBSTATION DIAG.		19,950.74
132111	10/22/2020	CHK	1552	MARMON UTILITY LLC	ALL PLASTIC SPACER CABLE PROJECT		36,500.00
132196	11/12/2020	CHK	1337	PRESIDIO NETWORKED SOLUTIONS GR	FALCON ENDPOINT PROTECTION SUPPORT		26,169.21
132199	11/12/2020	CHK	1576	WELLBORN ENGINEERING & SURVEYI	KPUB SOLAR FIELDS WES-20-121		10,141.48
132214	11/19/2020	CHK	1425	BOLINGER, SEGARS, GILBERT & MOSS,	AUDITED FINANCIALS-PROGRESS BILLING#1		26,000.00
132225	11/19/2020	CHK	1582	STATE COMPTROLLER	SALES TAX AUDIT 2020		33,947.07
132300	12/10/2020	CHK	1576	WELLBORN ENGINEERING & SURVEYI	KPUB SOLAR FIELDS PROJECT WES-20-121		11,711.25
132331	12/23/2020	CHK	110	LOWER COLORADO RIVER AUTHORITY	HARPER ROAD BUS TIE		90,673.00
132338	12/23/2020	CHK	13112	TEREX UTILITIES SOUTH, INC.	UNIT#3261 DIGGER DERRICK REPLACE-3218		208,000.00
					Total for Bank Account - 1 :	(35)	1,304,546.95
					Grand Total :	(35)	1,304,546.95

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Howard Hall

Date: January 14, 2021

Re: Agenda Item No. 8 – Approval and Reporting of Purchases and Sales

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Presented for your consideration and review are these recommendations for purchase and/or sale of goods or services.

A. **Tree Trimming Services.** Staff recommends approval of a blanket purchase order to Townsend Tree Service Company LLC for an estimated $679,800 for one year of tree trimming and right-of-way clearing services by two crews and equipment. Bids were requested for a one year contract with up to four one year extensions. This will be the second one year extension since the contract was approved last year. Townsend Tree Service Company LLC has provided quality tree trimming services to KPUB since 2006. Services are invoiced weekly based on actual billable hours. Attached is the proposed rate schedule for 2021 with a spreadsheet showing the increases. The increase in labor is due to a spike in wages that Townsend has seen in the last year and they are wanting to stay competitive in the market to maintain the employees they currently have.

B. **Construction Services.** Staff recommends approval of two purchase orders to LineTec and Greenstone for $500,000 and one purchase order to James Powerline for $250,000 for the primary purpose of replacing utility poles that failed inspection but may include other distribution, substation, or communication projects. This will allow KPUB to have work performed as the need arises without having to bid each project individually. The price sheets from LineTec, Greenstone, and James Powerline are attached. We plan to have two contractors on board so that we can evaluate pricing on a per job basis and determine the best value. Two contractors will also give us a backup in case one is unable to perform. This will also secure pricing for contractor assistance should emergency response be needed.

Please let me know if you have any questions or concerns.

Sincerely,

Howard Hall

Howard Hall
Field Services Supervisor

Townsend Tree 2021 Proposed Rates

Title	2020 Rates	2021 Rates	Difference	Percentage
General Foreman	$38.23	$40.02	$1.79	4.68%
Foreman	$36.05	$38.11	$2.06	5.71%
Climber A	$31.65	$33.00	$1.35	4.27%
Climber B	$24.31	$28.99	$4.68	19.25%
Equipment				
Bucket Truck	$17.00	$17.15	$0.15	0.88%
Chipper	$5.00	$5.15	$0.15	3.00%
Pick-Up Truck	$11.00	$11.15	$0.15	1.36%

TOWNSEND

December 18, 2020

Mr. Howard Hall
Kerrville Public Utility Board
P.O. Box 294999
Kerrville, TX 78029-4999

Re: 2021 Hourly Rate Renewal

Dear Mr. Hall,

Townsend Tree Service Company LLC appreciates being afforded the opportunity to work with Kerrville Public Utility in 2020. Please find our proposed 2021 pricing below:

	2020 Rates	Proposed 2021 Rates
General Foreman	$38.23 per crew hour	$40.02 per crew hour
Foreman	$36.05 per crew hour	$38.11 per crew hour
Climber A	$31.65 per crew hour	$33.00 per crew hour
Climber B	$24.31 per crew hour	$28.99 per crew hour
Bucket Truck	$17.00 per crew hour	$17.15 per crew hour
Chipper	$ 5.00 per crew hour	$ 5.15 per crew hour
Pick-Up Truck	$11.00 per crew hour	$11.15 per crew hour

We have enjoyed our working relationship and appreciate the opportunity to continue to serve KPUB through your tree trimming program. We would also like to take this opportunity to again thank the KPUB staff for the support we receive in the field and the feeling of working as a team with the utility.

If you have any questions or comments, please contact me at (512) 470-1708.

Sincerely,

Mark W. Dalland

Mark W. Dalland
Manager

Accepted: Kerrville Public Utility Board

By:_____Date:_____

Townsend Tree Service Company LLC
By:_____Date:_____

EXAMPLE - DEMO WITH PRICING

Scope of Work

Change out of a single phase in-line pole. Pole has one transformer with one service. Tv and telephone dead end on this pole. New pole will be set next to existing pole and top of old pole will be cut off.

LineTec Services

Assembly Unit Name	Description	Unit of Measure	# of Units	Install Cold	# of Units	Remove Cold	# of Units	Intall Hot	# of Units	Remove Hot	Total
25 kVA - OH	25 kVA OH Transformer	EA		311.60		183.024	1	410.00	1	254.20	$ 664.20
A1	1Ph Tangent Single Support	EA		41.80		24.552	1	55.00	1	34.10	$ 89.10
DM-SEC	Secondary Jumper	EA		26.60		15.624	3	35.00	3	21.70	$ 170.10
DS-SERV	Re-sag service wire	EA		57.00		33.480	1	75.00		46.50	$ 75.00
M5-7	Wildlife protection	EA	1	9.12		5.357		12.00		7.44	$ 9.12
KC	Service Assembly Wedge Clamp	EA		19.00		11.160	1	25.00	1	15.50	$ 40.50
M2-2X	Pole Grnd Ground Rod & Butt	EA	1	106.40		62.496		140.00		86.80	$ 106.40
M5-10	Fused Cutout	EA		114.00		66.960	1	150.00	1	93.00	$ 243.00
M5-2	Pole top pin and insulator	EA	1	26.60		15.624		35.00		21.70	$ 26.60
M5-23 (1/0)	Stirrup Hot Line 1/0	EA		16.72		9.821	1	22.00	1	13.64	$ 35.64
NT	Neutral Transfer	EA		34.20		20.088	1	45.00	1	27.90	$ 72.90
P40-4	Pole Dist 40 Ft Class 4 Wood	EA		343.52		201.773	1	452.00		280.24	$ 452.00
Pole Top	Cut Top of Pole	EA		95.00	1	55.800		125.00		77.50	$ 55.80
PT	Primary Transfer	EA		68.40		40.176	1	90.00	1	55.80	$ 145.80
TIES	Tying and Untying Conductor	EA		16.72		9.821	2	22.00	2	13.64	$ 71.28
										Grand Total	$ 2,257.44

Greenstone

Assembly Unit Name	Description	Unit of Measure	# of Units	Install Cold	# of Units	Remove Cold	# of Units	Intall Hot	# of Units	Remove Hot	Total
25 kVA - OH	25 kVA OH Transformer	EA		271.00		183.000	1	324.00	1	227.00	$ 551.00
A1	1Ph Tangent Single Support	EA		37.00		29.000	1	105.00	1	36.00	$ 141.00
DM-SEC	Secondary Jumper	EA		26.00		26.000	3	35.00	3	35.00	$ 210.00
DS-SERV	Re-sag service wire	EA		77.00		0.000	1	124.00		0.00	$ 124.00
M5-7	Wildlife protection	EA	1	10.00		5.000		35.00		15.00	$ 10.00
KC	Service Assembly Wedge Clamp	EA		21.00		14.000	1	25.00	1	19.00	$ 44.00
M2-2X	Pole Grnd Ground Rod & Butt	EA	1	72.00		52.000		84.00		78.00	$ 72.00
M5-10	Fused Cutout	EA		73.00		53.000	1	108.00	1	88.00	$ 196.00
M5-2	Pole top pin and insulator	EA	1	28.00		22.000		35.00		26.00	$ 28.00
M5-23 (1/0)	Stirrup Hot Line 1/0	EA		24.00		21.000	1	27.00	1	24.00	$ 51.00
NT	Neutral Transfer	EA		48.00		0.000	1	84.00	1	0.00	$ 84.00
P40-4	Pole Dist 40 Ft Class 4 Wood	EA		340.00		134.000	1	371.00		170.00	$ 371.00
Pole Top	Cut Top of Pole	EA		77.00	1	0.000		77.00		0.00	$ -
PT	Primary Transfer	EA		44.00		0.000	1	52.00	1	0.00	$ 52.00
TIES	Tying and Untying Conductor	EA		41.00		0.000	2	67.00	2	0.00	$ 134.00
										Grand Total	$ 2,068.00

James Powerline

Assembly Unit Name	Description	Unit of Measure	# of Units	Install Cold	# of Units	Remove Cold	# of Units	Intall Hot	# of Units	Remove Hot	Total
25 kVA - OH	25 kVA OH Transformer	EA		414.00		304.750	1	512.90	1	414.00	$ 926.90
A1	1Ph Tangent Single Support	EA		46.00		34.500	1	120.75	1	69.00	$ 189.75
DM-SEC	Secondary Jumper	EA		28.75		23.000	3	34.50	3	28.75	$ 189.75
DS-SERV	Re-sag service wire	EA		34.50		28.750	1	46.00		34.50	$ 46.00
M5-7	Wildlife protection	EA	1	28.75		23.000		34.50		28.75	$ 28.75
KC	Service Assembly Wedge Clamp	EA		27.60		23.000	1	34.50	1	27.60	$ 62.10
M2-2X	Pole Grnd Ground Rod & Butt	EA	1	138.00		69.000		174.80		98.90	$ 138.00
M5-10	Fused Cutout	EA		166.75		135.700	1	209.30	1	166.75	$ 376.05
M5-2	Pole top pin and insulator	EA	1	32.20		25.300		40.25		32.20	$ 32.20
M5-23 (1/0)	Stirrup Hot Line 1/0	EA		27.60		23.000	1	34.50	1	27.60	$ 62.10
NT	Neutral Transfer	EA		57.50		40.250	1	86.25	1	57.50	$ 143.75
P40-4	Pole Dist 40 Ft Class 4 Wood	EA		220.80		156.400	1	286.35		220.80	$ 286.35
Pole Top	Cut Top of Pole	EA		92.00	1	92.000		92.00		92.00	$ 92.00
PT	Primary Transfer	EA		57.50		40.250	1	86.25	1	57.50	$ 143.75
TIES	Tying and Untying Conductor	EA		27.60		23.000	2	34.50	2	27.60	$ 124.20
										Grand Total	$ 2,841.65

Updated Pricing on Contract Work

Hourly	LineTec Services	Greenstone	James Powerline
Crew Rate	$391.01	$339.70	$333.00
Overtime Crew Rate	$501.05	$431.05	$439.00
Total Average Unit Price	$232.11	$170.62	$250.17

Crew Rate Includes	1 Foreman Pick-up
	2 Bucket Trucks
	1 Digger Truck
	1 Foreman
	2 Lineman
	1 Operator

2017 Hourly	LineTec Services	Greenstone	James Powerline
Crew Rate	$248.50	$229.30	$257.00
Overtime Crew Rate	$330.32	$343.95	$385.50
Total Average Unit Price	$131.00	$129.00	$149.00
Increase by Dollar & Percentage			
Increase Crew Rate	$142.51	$110.40	$76.00
Percentage Increase	57.35%	48.15%	29.57%
Increase Overtime Crew Rate	$170.73	$87.10	$53.50
Percentage Increase	68.70%	37.99%	20.82%
Increase Total Average Unit Price	$101.11	$41.62	$101.17
Percentage Increase	77.18%	32.26%	67.90%

LineTec Services

2020 Rates

HOURLY EQUIPMENT RATES (Should not include Operator)		
Equipment Description	Hourly Rates	Detailed Equipment Description (Type and Model Minimum)
1/2 or 3/4 Ton Pickup Truck	$ 19.50	
1 Ton Pickup Truck	$ 19.75	
Mechanics Truck	$ 23.15	
Bucket Truck 50' - 55'	$ 42.25	
Bucket 55' - Material Handler	$ 42.25	
Small Bucket Truck 40'	$ 42.00	
Boom Truck	$ 42.50	
Rope Puller	$ 26.50	
Tensioner	$ 23.77	
Pole Trailer	$ 9.50	
Reel Caddie/Wire Trailer	$ 9.50	
Pressure Digger	$ 67.25	
Rockstar Digger	$ 175.00	
Backyard Bucket/Digger	$ 35.00	
Digger Derrick	$ 42.50	
Trencher/Backhoe Combo	$ 30.47	
Jack Hammer	$ 12.00	
Vac-Truck w/ Trailer	$ 47.00	
Response Time	2hrs	After first request
Crew Availability	7	Total number of crews to be allocated (as many as needed for storm)

HOURLY EMPLOYEE RATES			#/Crew
EMPLOYEE CLASSIFICATION	Billing Rates		
	Straight Time	Overtime	
General Foreman	$ 85.70	$ 124.27	
Foreman	$ 78.10	$ 113.25	
Class A Lineman	$ 74.30	$ 107.74	
Class B Lineman	$ 68.60	$ 99.47	
Class C Lineman	$ 59.10	$ 85.70	
Service Man	$ 75.30	$ 108.74	
Apprentice	$ 59.10	$ 85.70	
Heavy Equipment Operator	$ 48.21	$ 69.90	
Operator	$ 48.21	$ 69.90	
Truck Driver	$ 48.21	$ 69.90	
Laborer/Material Man/Ground Man	$ 42.00	$ 60.90	
Meter Electrician	$ 48.21	$ 69.90	

Owner reserves the right to negotiate standard terms and conditions and pricing with all awarded Repondent(s). Any contract(s) resulting from this solicitation process will be for services on an as-needed basis over the term of the contract. Owner does not guarantee to use any awarded Respondent(s) for any minimum amount of work, any minimum percentage of work, or any minimum value of work.

In the event the parties cannot negotiate and execute the Contract within the time specified, Owner reserves the right to terminate negotiations with the selected Respondent and commence negotiations with another Respondent.

LineTec Services

2020 Hourly Rates Summary

HOURLY EQUIPMENT RATES (Should not include Operator)			
Equipment Description	# of Hours	Hourly Rates	Total
1/2 or 3/4 Ton Pickup Truck		$ 19.50	$ -
1 Ton Pickup Truck		$ 19.75	$ -
Mechanics Truck		$ 23.15	$ -
Bucket Truck 50' - 55'		$ 42.25	$ -
Bucket 55' - Material Handler		$ 42.25	$ -
Small Bucket Truck 40'		$ 42.00	$ -
Boom Truck		$ 42.50	$ -
Rope Puller		$ 26.50	$ -
Tensioner		$ 23.77	$ -
Pole Trailer		$ 9.50	$ -
Reel Caddie/Wire Trailer		$ 9.50	$ -
Pressure Digger		$ 67.25	$ -
Rockstar Digger		$ 175.00	$ -
Backyard Bucket/Digger		$ 35.00	$ -
Digger Derrick		$ 42.50	$ -
Trencher/Backhoe Combo		$ 30.47	$ -
Jack Hammer		$ 12.00	$ -
Vac-Truck w/ Trailer		$ 47.00	$ -
		Subtotal	$ -
HOURLY EMPLOYEE RATES			
EMPLOYEE CLASSIFICATION	# of Hours	Straight Time	
General Foreman		$ 85.70	$ -
Foreman		$ 78.10	$ -
Class A Lineman		$ 74.30	$ -
Class B Lineman		$ 68.60	$ -
Class C Lineman		$ 59.10	$ -
Service Man		$ 75.30	$ -
Apprentice		$ 59.10	$ -
Heavy Equipment Operator		$ 48.21	$ -
Operator		$ 48.21	$ -
Truck Driver		$ 48.21	$ -
Laborer/Material Man/Ground Man		$ 42.00	$ -
Meter Electrician		$ 48.21	$ -
		Subtotal - ST	$ -
		Overtime	
General Foreman - OT		$ 124.27	$ -
Foreman- OT		$ 113.25	$ -
Class A Lineman- OT		$ 107.74	$ -
Class B Lineman- OT		$ 99.47	$ -
Class C Lineman- OT		$ 85.70	$ -
Service Man- OT		$ 108.74	$ -
Apprentice- OT		$ 85.70	$ -
Heavy Equipment Operator- OT		$ 69.90	$ -
Operator- OT		$ 69.90	$ -
Truck Driver- OT		$ 69.90	$ -
Laborer/Material Man/Ground Man- OT		$ 60.90	$ -
Meter Electrician- OT		$ 69.90	$ -
		Subtotal - OT	$ -
		Grand Total	$ -

LineTec Services

2020 Hourly Rates

Assembly Unit Name	Description	Unit of Measure	# of Units	Install Cold	# of Units	Remove Cold	# of Units	Intall Hot	# of Units	Remove Hot	Total
10 kVA - OH	10 kVA OH Transformer	EA		273.60		174.096		360.00		223.20	$ -
100 kVA - OH	100 kVA OH Transformer	EA		349.60		205.344		460.00		285.20	$ -
15 kVA - OH	15 kVA OH Transformer	EA		281.20		165.168		370.00		229.40	$ -
167 kVA - OH	167 kVA OH Transformer	EA		425.60		249.984		560.00		347.20	$ -
25 kVA - OH	25 kVA OH Transformer	EA		311.60		183.024		410.00		254.20	$ -
37.5 kVA - OH	37.5 kVA OH Transformer	EA		330.60		194.184		435.00		269.70	$ -
5 kVA - OH	5 kVA OH Transformer	EA		273.60		160.704		360.00		223.20	$ -
50 kVA - OH	50 kVA OH Transformer	EA		338.20		198.648		445.00		275.90	$ -
75 kVA - OH	75 kVA OH Transformer	EA		338.20		198.648		445.00		275.90	$ -
A1	1Ph Tangent Single Support	EA		41.80		24.552		55.00		34.10	$ -
A1-1	1Ph Tangent Double Support	EA		53.20		31.248		70.00		43.40	$ -
A2	1Ph Small Angle	EA		53.20		31.248		70.00		43.40	$ -
A3	1Ph Medium Angle	EA		57.00		33.480		75.00		46.50	$ -
A4	1Ph Large Angle	EA		60.80		35.712		80.00		49.60	$ -
A5	1Ph Deadend	EA		76.00		44.640		100.00		62.00	$ -
A5-1	1Ph Tap off of a 1Ph pole	EA		83.60		49.104		110.00		68.20	$ -
A5-2	1Ph Tap off of a Multi-Phase pole	EA		83.60		49.104		110.00		68.20	$ -
A6	1Ph Double Deadend	EA		114.00		66.960		150.00		93.00	$ -
ARMROD	Armor Rods	EA		20.52		12.053		27.00		16.74	$ -
B1	2Ph Tangent Sngl Supp 1/0	EA		68.40		40.176		90.00		55.80	$ -
B1-1	2Ph Tangent Dbl Supp 1/0	EA		102.60		60.264		135.00		83.70	$ -
B8	2Ph Double Deadend on arm	EA		262.20		154.008		345.00		213.90	$ -
Back Fill Hole	Back Fill Hole	EA		0.00							$ -
C1	3Ph Tangent Single Support 1/0	EA		117.80		69.192		155.00		96.10	$ -
C1-1	3Ph Tangent Double Support1/0	EA		129.20		75.888		170.00		105.40	$ -
C1-2	3Ph Tangent Single Support with Saddle Pin 477	EA		129.20		75.888		170.00		105.40	$ -
C1-3	3Ph Tangent Double Support with Saddle Pin 477	EA		148.20		87.048		195.00		120.90	$ -
C2	3Ph Very Small Angle 1/0	EA		228.00		133.920		300.00		186.00	$ -
C2-1	3Ph Small Angle 1/0	EA		243.20		142.848		320.00		198.40	$ -
C2-2	3Ph Small Angle 477	EA		243.20		142.848		320.00		198.40	$ -
C7	3Ph Deadend 1/0	EA		323.00		189.720		425.00		263.50	$ -
C7 (477)	3Ph Deadend 477	EA		342.00		200.880		450.00		279.00	$ -
C7X	3 Ph Tap off of a 3 Ph Deadend	EA		228.00		133.920		300.00		186.00	$ -
C8	3Ph Double Deadend or Medium Angle 1/0	EA		494.00		290.160		650.00		403.00	$ -
C8 (477)	3Ph Double Deadend or Medium Angle 477	EA		494.00		290.160		650.00		403.00	$ -
DIGGER ROCK	Digger Rock	per ft.		44.08		25.891		58.00		35.96	$ -
DIGTESS	Contact DigTESS for UG	EA		19.00		11.160		25.00		15.50	$ -
DMN	Repair or splice neutral cond	EA		38.00		22.320		50.00		31.00	$ -
DMP	Repair or splice primary cond	EA		64.60		37.944		85.00		52.70	$ -
DM-SEC	Secondary Jumper	EA		26.60		15.624		35.00		21.70	$ -
DM-SERV	Repair or splice service wire	EA		38.00		22.320		50.00		31.00	$ -
DSN	Re-sag neutral conductor wire	EA		95.00		55.800		125.00		77.50	$ -
DSP	Re-sag conductor wire	EA		95.00		55.800		125.00		77.50	$ -
DS-SERV	Re-sag service wire	EA		57.00		33.480		75.00		46.50	$ -
E1-2	Single Down Guy 3/8" EHS	EA		91.20		53.568		120.00		74.40	$ -
E1-3	Single Down Guy 7/16" EHS	EA		110.20		64.728		145.00		89.90	$ -
E3-10	Guy Marker	EA		0.00							$ -
EXTRA HOLE DEPTH	Digging Holes Deeper than	Per Ft.		0.00							$ -
F1-2	Anchor Assembly - 10K lbs.	EA		114.00		66.960		150.00		93.00	$ -
F1-3	Anchor Assembly - 10K lbs.	EA		114.00		66.960		150.00		93.00	$ -
F1-4	Anchor Assembly - 12K lbs.	EA		121.60		71.424		160.00		99.20	$ -
G310	3Ph Xfmr Mounting Bracket & Transformer Installation (Y-D)	EA		197.60		116.064		260.00		161.20	$ -
G311	3Ph Xfmr Mounting Bracket & Transformer Installation (Delta)	EA		197.60		116.064		260.00		161.20	$ -
M5-7	Wildlife protection	EA		9.12		5.357		12.00		7.44	$ -
Hand Digging	Hand Digging	per ft.		0.00							$ -

LineTec Services

2020 Hourly Rates

Assembly Unit Name	Description	Unit of Measure	# of Units	Install Cold	# of Units	Remove Cold	# of Units	Intall Hot	# of Units	Remove Hot	Total
J10	Sec or N Assemb Small Angle	EA		19.00		11.160		25.00		15.50	$ -
J8	Sec or N Assemb Sngl Upset	EA		19.00		11.160		25.00		15.50	$ -
K10	Service Assembly House Bracket	EA		19.00		11.160		25.00		15.50	$ -
KC	Service Assembly Wedge Clamp	EA		19.00		11.160		25.00		15.50	$ -
KDHC	Service Assemb Wedge Clamp w/ drive hook	EA		19.00		11.160		25.00		15.50	$ -
M26-5 100W HPS	Local Street/Area Light 100W HPS Equivalent	EA		121.60		71.424		160.00		99.20	$ -
M26-5 250W HPS	Collector Street Light 250W HPS Equivalent	EA		152.00		89.280		200.00		124.00	$ -
M26-5 400W HPS	Major Street Light 400W HPS Equivalent	EA		174.80		102.672		230.00		142.60	$ -
M26-5 Arm-6'	Streetlight Mast Arm - 6'	EA		45.60		26.784		60.00		37.20	$ -
M26-5 Arm-8'	Streetlight Mast Arm - 8'	EA		45.60		26.784		60.00		37.20	$ -
M26-5 Arm-10'	Streetlight Mast Arm - 10'	EA		49.40		29.016		65.00		40.30	$ -
M26-5 Arm-16'	Streetlight Mast Arm - 16'	EA		53.20		31.248		70.00		43.40	$ -
M26-5 Flood Small	Flood Light 100W HPS Equivalent Mounted to Pole	EA		91.20		53.568		120.00		74.40	$ -
M26-5 Flood Medium	Flood Light 250W HPS Equivalent Mounted to Pole	EA		98.80		58.032		130.00		80.60	$ -
M26-5 Flood Large	Flood Light 400W HPS Equivalent Mounted to Pole	EA		106.40		62.496		140.00		86.80	$ -
M2-2X	Pole Grnd Ground Rod & Butt	EA		106.40		62.496		140.00		86.80	$ -
M2-2	Pole Grnd Butt Plate	EA		76.00		44.640		100.00		62.00	$ -
M5-10	Fused Cutout	EA		114.00		66.960		150.00		93.00	$ -
M3-10	Single Phase OCR W/Bypass	EA		342.00		200.880		450.00		279.00	$ -
M3-12	3-1Ph OCR's	EA		984.20		578.088		1295.00		802.90	$ -
M3-15SB	Solid Blade Disconnect Switch	EA		114.00		66.960		150.00		93.00	$ -
M3-15 S/C	Gang Operated LB Switch	EA		1216.00		714.240		1600.00		992.00	$ -
M5-14	8' Crossarm	EA		53.20		31.248		70.00		43.40	$ -
M5-16	10' Crossarm	EA		60.80		35.712		80.00		49.60	$ -
M5-2	Pole top pin and insulator	EA		26.60		15.624		35.00		21.70	$ -
M5-20	Suspension Insulator	EA		41.80		24.552		55.00		34.10	$ -
M5-21	Fiberglass Extension Link	EA		41.80		24.552		55.00		34.10	$ -
M5-23 (1/0)	Stirrup Hot Line 1/0	EA		16.72		9.821		22.00		13.64	$ -
M5-23.(477)	Stirrup Hot Line 477	EA		16.72		9.821		22.00		13.64	$ -
M5-3	Pin type insulator	EA		12.92		7.589		17.00		10.54	$ -
M5-4	DA Bolt Adapter - side insul pole jumper	EA		16.72		9.821		22.00		13.64	$ -
M5-5	Cross arm pin and insulator Drop in	EA		19.00		11.160		25.00		15.50	$ -
M5-6	10kV Lightning Arrester and Jumpers	EA		72.20		42.408		95.00		58.90	$ -
M5-64	Fault Indicators Overhead	EA		26.60		15.624		35.00		21.70	$ -
M7-14 (200)	Voltage Regulator 200A	EA		912.00		535.680		1200.00		744.00	$ -
M7-14 (219)	Voltage Regulator 219A	EA		988.00		580.320		1300.00		806.00	$ -
M7-14 (328)	Voltage Regulator 328A	EA		1140.00		669.600		1500.00		930.00	$ -
M8-15	Overhead Primary Metering 7.2/12.5	EA		1140.00		669.600		1500.00		930.00	$ -
M9-11 (100)	100 kVAR 7.2kV Capacitor	EA		190.00		111.600		250.00		155.00	$ -
M9-13	3pH Capacitor Assembly	EA		190.00		111.600		250.00		155.00	$ -
M9-11 (200)	200 kVAR 7.2kV Capacitor	EA		190.00		111.600		250.00		155.00	$ -
MTR2S	Meter Form 2S CL200	EA		57.00		33.480		75.00		46.50	$ -
MTR4S	Meter Form 4S	EA		57.00		33.480		75.00		46.50	$ -
MTR9S	Meter Form 9S SS	EA		57.00		33.480		75.00		46.50	$ -
MTR16S	Meter Form 16S SS	EA		57.00		33.480		75.00		46.50	$ -
NT	Neutral Transfer	EA		34.20		20.088		45.00		27.90	$ -
NTA	Neutral Transfer Angle	EA		49.40		29.016		65.00		40.30	$ -
OH-1/0 ACSR	OH Conductor 1/0 ACSR Raven	per ft.		0.72		0.424		0.95		0.59	$ -
OHQ-4/0 ACSR	OH Service Conductor 4/0 Quad	per ft.		1.60		0.937		2.10		1.30	$ -
OHT-4/0 ACSR	OH Service Conductor 4/0	per ft.		1.44		0.848		1.90		1.18	$ -

LineTec Services

2020 Hourly Rates

Assembly Unit Name	Description	Unit of Measure	# of Units	Install Cold	# of Units	Remove Cold	# of Units	Intall Hot	# of Units	Remove Hot	Total
OH-477 AAC	OH Conductor 477 AAC Cosmos	per ft.		1.10		0.647		1.45		0.90	$ -
OHQ-2/0 ACSR	OH Service Conductor 2/0 Quad	per ft.		1.22		0.714		1.60		0.99	$ -
OHT-2/0 ACSR	OH Service Conductor 2/0	per ft.		0.99		0.580		1.30		0.81	$ -
OH-#2 ACSR	OH Conductor #2 ACSR Sparrow	per ft.		0.84		0.491		1.10		0.68	$ -
OHQ-#2 ACSR	OH Service Conductor #2 Quad	per ft.		0.99		0.580		1.30		0.81	$ -
OHT-#4 ACSR	OH Service Conductor #4 Triplex	per ft.		0.70		0.411		0.92		0.57	$ -
OHD-#6 ACSR	OH Service Conductor #6 Duplex	per ft.		0.46		0.268		0.60		0.37	$ -
OH-795 AAC	OH Conductor 795 AAC Arbutus	per ft.		1.67		0.982		2.20		1.36	$ -
One Shot	One Shot Device	EA		0.00							$ -
P35-5	Pole Dist 35 Ft Class 5 Wood	EA		267.52		157.133		352.00		218.24	$ -
P40-3	Pole Dist 40 Ft Class 3 Wood	EA		343.52		201.773		452.00		280.24	$ -
P40-4	Pole Dist 40 Ft Class 4 Wood	EA		343.52		201.773		452.00		280.24	$ -
P40-5	Pole Dist 40 Ft Class 5 Wood	EA		343.52		201.773		452.00		280.24	$ -
P45-1	Pole Dist 45 Ft Class 1 Wood	EA		371.64		218.290		489.00		303.18	$ -
P45-2	Pole Dist 45 Ft Class 2 Wood	EA		371.64		218.290		489.00		303.18	$ -
P45-3	Pole Dist 45 Ft Class 3 Wood	EA		371.64		218.290		489.00		303.18	$ -
P45-4	Pole Dist 45 Ft Class 4 Wood	EA		371.64		218.290		489.00		303.18	$ -
P50-1	Pole Dist 50 Ft Class 1 Wood	EA		431.68		253.555		568.00		352.16	$ -
P50-2	Pole Dist 50 Ft Class 2 Wood	EA		431.68		253.555		568.00		352.16	$ -
P50-3	Pole Dist 50 Ft Class 3 Wood	EA		431.68		253.555		568.00		352.16	$ -
P55-1	Pole Dist 55 Ft Class 1 Wood	EA		532.00		312.480		700.00		434.00	$ -
P55-2	Pole Dist 55 Ft Class 2 Wood	EA		532.00		312.480		700.00		434.00	$ -
P55-3	Pole Dist 55 Ft Class 3 Wood	EA		532.00		312.480		700.00		434.00	$ -
POLE SET - 1 gal	Pole Set - 1 gallon bucket	EA		72.20		42.408		95.00		58.90	$ -
POLE SET - 3 gal	Pole Set - 3 gallon bucket	EA		114.00		66.960		150.00		93.00	$ -
Pole Top	Cut Top of Pole	EA		95.00		55.800		125.00		77.50	$ -
PT	Primary Transfer	EA		68.40		40.176		90.00		55.80	$ -
PTA	Primary Transfer Angle	EA		68.40		40.176		90.00		55.80	$ -
REC 100A - 1- Phase	Recloser 100 AMP - Single	EA		235.60		138.384		310.00		192.20	$ -
REC 10A - 1- Phase	Recloser 10 AMP - Single Phase	EA		235.60		138.384		310.00		192.20	$ -
REC 15A - 1- Phase	Recloser 15 AMP - Single Phase	EA		235.60		138.384		310.00		192.20	$ -
REC 25A - 1- Phase	Recloser 25 AMP - Single Phase	EA		235.60		138.384		310.00		192.20	$ -
REC 35A - 1- Phase	Recloser 35 AMP - Single Phase	EA		235.60		138.384		310.00		192.20	$ -
REC 50A - 1- Phase	Recloser 50 AMP - Single Phase	EA		235.60		138.384		310.00		192.20	$ -
REC 5A - 1- Phase	Recloser 5 AMP - Single Phase	EA		235.60		138.384		310.00		192.20	$ -
REC 70A - 1- Phase	Recloser 70 AMP - Single Phase	EA		235.60		138.384		310.00		192.20	$ -
REC1P-ELEC	Recloser 1 Phase Electronic	EA		266.00		156.240		350.00		217.00	$ -
REC225	Recloser 3Ph 225A 12.5KV	One Unit		380.00		223.200		500.00		310.00	$ -
REC3P800-VFI	Recloser Vacuum 3Ph 800A SCADA Controlled	One Unit		380.00		223.200		500.00		310.00	$ -
RFR-20	AMI RF Routers w/20 ft Cable	EA		114.00		66.960		150.00		93.00	$ -
RFR-SC	Router Repeater Radio Streetlight Mounted	Removal Only Unit		57.00		33.480		75.00		46.50	$ -
ROCKHOLE	Digging Holes in Rock w/ Digger	Per Ft.		64.60		37.944		85.00		52.70	$ -
Rockstar Machine	Rockstar Machine	Per Hole		323.00		189.720		425.00		263.50	$ -
Spread	Installation of Spreader Arm	EA		72.20		42.408		95.00		58.90	$ -
SUBCOLLECTOR-SC	Substation Collector/Comm Pkg	1 Unit		285.00		167.400		375.00		232.50	$ -
TD	Transfer Deadend	EA		95.00		55.800		125.00		77.50	$ -
TIES	Tying and Untying Conductor	EA		16.72		9.821		22.00		13.64	$ -
Traffic Management	Traffic Management Setup	EA		0.00							$ -
Transfer Anchor	Transfer Communications Anchor	EA		38.00		22.320		50.00		31.00	$ -
Transfer Deadend	Transfer Communications Deadend	Per Attach/Pole		95.00		55.800		125.00		77.50	$ -
Transfer Drop	Transfer Communications Drop	Per Attach/Pole		11.40		6.696		15.00		9.30	$ -
Transfer Guy	Transfer Communications Guy	EA		64.60		37.944		85.00		52.70	$ -
Transfer Riser	Transfer Communications Riser	EA		171.00		100.440		225.00		139.50	$ -
Transfer Tangent	Transfer Communications Tangent	Per Attach/Pole		41.80		24.552		55.00		34.10	$ -
UM2	2" Secondary Riser	EA		190.00		111.600		250.00		155.00	$ -

LineTec Services

2020 Hourly Rates

Assembly Unit Name	Description	Unit of Measure	# of Units	Install Cold	# of Units	Remove Cold	# of Units	Intall Hot	# of Units	Remove Hot	Total
UG6-100	1 Ph Padmount Deadend Transformer (100 kVA)	EA		368.60		216.504		485.00		300.70	$ -
UG7-100	1 Ph Padmount Feed Through Transformer (100 kVA)	EA		368.60		216.504		485.00		300.70	$ -
UM2-1 (1/0)	1 Ph 1/0 URD Riser 1/0	EA		1444.00		848.160		1900.00		1178.00	$ -
UM2-3 (1/0)	3 Ph 1/0 URD Riser 1/0	EA		2660.00		1562.400		3500.00		2170.00	$ -
UM 2-3 (500)	3 Ph 1/0 URD Riser 500 MCM	EA		2812.00		1651.680		3700.00		2294.00	$ -
UM 2-3 (1000)	3 Ph 1/0 URD Riser 1000 MCM	EA		2812.00		1651.680		3700.00		2294.00	$ -
USWGR PME-9	Switchgear PME-9 Equivalent	EA		1292.00		758.880		1700.00		1054.00	$ -
USWGR PME-11	Switchgear PME-11 Equivalent	EA		1520.00		892.800		2000.00		1240.00	$ -
										Grand Total	$ -

LineTec Services

2020 Rates by Unit

Assembly Unit Name	Description	Unit of Measure	Install Cold	Remove Cold	Intall Hot	Remove Hot	Notes
10 kVA - OH	10 kVA OH Transformer	EA	273.6	174.096	360	223.2	
100 kVA - OH	100 kVA OH Transformer	EA	349.6	205.344	460	285.2	
15 kVA - OH	15 kVA OH Transformer	EA	281.2	165.168	370	229.4	
167 kVA - OH	167 kVA OH Transformer	EA	425.6	249.984	560	347.2	
25 kVA - OH	25 kVA OH Transformer	EA	311.6	183.024	410	254.2	
37.5 kVA - OH	37.5 kVA OH Transformer	EA	330.6	194.184	435	269.7	
5 kVA - OH	5 kVA OH Transformer	EA	273.6	160.704	360	223.2	
50 kVA - OH	50 kVA OH Transformer	EA	338.2	198.648	445	275.9	
75 kVA - OH	75 kVA OH Transformer	EA	338.2	198.648	445	275.9	
A1	1Ph Tangent Single Support	EA	41.8	24.552	55	34.1	
A1-1	1Ph Tangent Double Support	EA	53.2	31.248	70	43.4	
A2	1Ph Small Angle	EA	53.2	31.248	70	43.4	
A3	1Ph Medium Angle	EA	57	33.48	75	46.5	
A4	1Ph Large Angle	EA	60.8	35.712	80	49.6	
A5	1Ph Deadend	EA	76	44.64	100	62	
A5-1	1Ph Tap off of a 1Ph pole	EA	83.6	49.104	110	68.2	
A5-2	1Ph Tap off of a Multi-Phase	EA	83.6	49.104	110	68.2	
A6	1Ph Double Deadend	EA	114	66.96	150	93	
ARMROD	Armor Rods	EA	20.52	12.0528	27	16.74	
B1	2Ph Tangent Sngl Supp 1/0	EA	68.4	40.176	90	55.8	
B1-1	2Ph Tangent Dbl Supp 1/0	EA	102.6	60.264	135	83.7	
B8	2Ph Double Deadend on arm	EA	262.2	154.008	345	213.9	
Back Fill Hole	Back Fill Hole	EA	0				
C1	3Ph Tangent Single Support 1/0	EA	117.8	69.192	155	96.1	
C1-1	3Ph Tangent Double Support1/0	EA	129.2	75.888	170	105.4	
C1-2	3Ph Tangent Single Support with Saddle Pin 477	EA	129.2	75.888	170	105.4	
C1-3	3Ph Tangent Double Support with Saddle Pin 477	EA	148.2	87.048	195	120.9	
C2	3Ph Very Small Angle 1/0	EA	228	133.92	300	186	
C2-1	3Ph Small Angle 1/0	EA	243.2	142.848	320	198.4	
C2-2	3Ph Small Angle 477	EA	243.2	142.848	320	198.4	
C7	3Ph Deadend 1/0	EA	323	189.72	425	263.5	
C7 (477)	3Ph Deadend 477	EA	342	200.88	450	279	
C7X	3 Ph Tap off of a 3 Ph Deadend	EA	228	133.92	300	186	
C8	3Ph Double Deadend or Medium Angle 1/0	EA	494	290.16	650	403	
C8 (477)	3Ph Double Deadend or Medium Angle 477	EA	494	290.16	650	403	
DIGGER ROCK	Digger Rock	per ft.	44.08	25.8912	**58**	35.96	
DIGTESS	Contact DigTESS for UG	EA	19	11.16	**25**	15.5	
DMN	Repair or splice neutral cond	EA	38	22.32	50	31	
DMP	Repair or splice primary cond	EA	64.6	37.944	85	52.7	
DM-SEC	Secondary Jumper	EA	26.6	15.624	35	21.7	
DM-SERV	Repair or splice service wire	EA	38	22.32	50	31	
DSN	Re-sag neutral conductor wire	EA	95	55.8	125	77.5	
DSP	Re-sag conductor wire	EA	95	55.8	125	77.5	
DS-SERV	Re-sag service wire	EA	57	33.48	75	46.5	
E1-2	Single Down Guy 3/8" EHS	EA	91.2	53.568	120	74.4	
E1-3	Single Down Guy 7/16" EHS	EA	110.2	64.728	145	89.9	
E3-10	Guy Marker	EA	0				
EXTRA HOLE DEPTH	Digging Holes Deeper than	Per Ft.	0				
F1-2	Anchor Assembly - 10K lbs.	EA	114	66.96	150	93	

LineTec Services

2020 Rates by Unit

Assembly Unit Name	Description	Unit of Measure	Install Cold	Remove Cold	Intall Hot	Remove Hot	Notes
F1-3	Anchor Assembly - 10K lbs.	EA	114	66.96	150	93	
F1-4	Anchor Assembly - 12K lbs.	EA	121.6	71.424	160	99.2	
G310	3Ph Xfmr Mounting Bracket & Transformer Installation (Y-D)	EA	197.6	116.064	260	161.2	
G311	3Ph Xfmr Mounting Bracket & Transformer Installation (Delta)	EA	197.6	116.064	260	161.2	
M5-7	Wildlife protection	EA	9.12	5.3568	12	7.44	
Hand Digging	Hand Digging	per ft.	0				
J10	Sec or N Assemb Small Angle	EA	19	11.16	25	15.5	
J8	Sec or N Assemb Sngl Upset	EA	19	11.16	25	15.5	
K10	Service Assembly House	EA	19	11.16	25	15.5	
KC	Service Assembly Wedge	EA	19	11.16	25	15.5	
KDHC	Service Assemb Wedge Clamp w/ drive hook	EA	19	11.16	25	15.5	
M26-5 100W HPS	Local Street/Area Light 100W HPS Equivalent	EA	121.6	71.424	160	99.2	
M26-5 250W HPS	Collector Street Light 250W HPS Equivalent	EA	152	89.28	200	124	
M26-5 400W HPS	Major Street Light 400W HPS Equivalent	EA	174.8	102.672	230	142.6	
M26-5 Arm-6'	Streetlight Mast Arm - 6'	EA	45.6	26.784	60	37.2	
M26-5 Arm-8'	Streetlight Mast Arm - 8'	EA	45.6	26.784	60	37.2	
M26-5 Arm-10'	Streetlight Mast Arm - 10'	EA	49.4	29.016	65	40.3	
M26-5 Arm-16'	Streetlight Mast Arm - 16'	EA	53.2	31.248	70	43.4	
M26-5 Flood Small	Flood Light 100W HPS Equivalent Mounted to Pole	EA	91.2	53.568	120	74.4	
M26-5 Flood Medium	Flood Light 250W HPS Equivalent Mounted to Pole	EA	98.8	58.032	130	80.6	
M26-5 Flood Large	Flood Light 400W HPS Equivalent Mounted to Pole	EA	106.4	62.496	140	86.8	
M2-2X	Pole Grnd Ground Rod & Butt	EA	106.4	62.496	140	86.8	
M2-2	Pole Grnd Butt Plate	EA	76	44.64	100	62	
M5-10	Fused Cutout	EA	114	66.96	150	93	
M3-10	Single Phase OCR W/Bypass	EA	342	200.88	450	279	
M3-12	3-1Ph OCR's	EA	984.2	578.088	1295	802.9	
M3-15SB	Solid Blade Disconnect Switch	EA	114	66.96	150	93	
M3-15 S/C	Gang Operated LB Switch	EA	1216	714.24	1600	992	
M5-14	8' Crossarm	EA	53.2	31.248	70	43.4	
M5-16	10' Crossarm	EA	60.8	35.712	80	49.6	
M5-2	Pole top pin and insulator	EA	26.6	15.624	35	21.7	
M5-20	Suspension Insulator	EA	41.8	24.552	55	34.1	
M5-21	Fiberglass Extension Link	EA	41.8	24.552	55	34.1	
M5-23 (1/0)	Stirrup Hot Line 1/0	EA	16.72	9.8208	22	13.64	
M5-23.(477)	Stirrup Hot Line 477	EA	16.72	9.8208	22	13.64	
M5-3	Pin type insulator	EA	12.92	7.5888	17	10.54	
M5-4	DA Bolt Adapter - side insul pole jumper	EA	16.72	9.8208	22	13.64	
M5-5	Cross arm pin and insulator Drop in	EA	19	11.16	25	15.5	
M5-6	10kV Lightning Arrester and Jumpers	EA	72.2	42.408	95	58.9	
M5-64	Fault Indicators Overhead	EA	26.6	15.624	35	21.7	
M7-14 (200)	Voltage Regulator 200A	EA	912	535.68	1200	744	

LineTec Services

2020 Rates by Unit

Assembly Unit Name	Description	Unit of Measure	Install Cold	Remove Cold	Intall Hot	Remove Hot	Notes
M7-14 (219)	Voltage Regulator 219A	EA	988	580.32	1300	806	
M7-14 (328)	Voltage Regulator 328A	EA	1140	669.6	1500	930	
M8-15	Overhead Primary Metering 7.2/12.5	EA	1140	669.6	1500	930	
M9-11 (100)	100 kVAR 7.2kV Capacitor	EA	190	111.6	250	155	
M9-13	3pH Capacitor Assembly	EA	190	111.6	250	155	
M9-11 (200)	200 kVAR 7.2kV Capacitor	EA	190	111.6	250	155	
MTR2S	Meter Form 2S CL200	EA	57	33.48	75	46.5	
MTR4S	Meter Form 4S	EA	57	33.48	75	46.5	
MTR9S	Meter Form 9S SS	EA	57	33.48	75	46.5	
MTR16S	Meter Form 16S SS	EA	57	33.48	75	46.5	
NT	Neutral Transfer	EA	34.2	20.088	45	27.9	
NTA	Neutral Transfer Angle	EA	49.4	29.016	65	40.3	
OH-1/0 ACSR	OH Conductor 1/0 ACSR Raven	per ft.	0.722	0.42408	0.95	0.589	
OHQ-4/0 ACSR	OH Service Conductor 4/0 Quad	per ft.	1.596	0.93744	2.1	1.302	
OHT-4/0 ACSR	OH Service Conductor 4/0	per ft.	1.444	0.84816	**1.9**	1.178	
OH-477 AAC	OH Conductor 477 AAC Cosmos	per ft.	1.102	0.64728	1.45	0.899	
OHQ-2/0 ACSR	OH Service Conductor 2/0 Quad	per ft.	1.216	0.71424	**1.6**	0.992	
OHT-2/0 ACSR	OH Service Conductor 2/0	per ft.	0.988	0.58032	1.3	0.806	
OH-#2 ACSR	OH Conductor #2 ACSR	per ft.	0.836	0.49104	**1.1**	0.682	
OHQ-#2 ACSR	OH Service Conductor #2 Quad	per ft.	0.988	0.58032	1.3	0.806	
OHT-#4 ACSR	OH Service Conductor #4	per ft.	0.6992	0.410688	0.92	0.5704	
OHD-#6 ACSR	OH Service Conductor #6	per ft.	0.456	0.26784	0.6	0.372	
OH-795 AAC	OH Conductor 795 AAC Arbutus	per ft.	1.672	0.98208	2.2	1.364	
One Shot	One Shot Device	EA	0				
P35-5	Pole Dist 35 Ft Class 5 Wood	EA	267.52	157.1328	352	218.24	
P40-3	Pole Dist 40 Ft Class 3 Wood	EA	343.52	201.7728	452	280.24	
P40-4	Pole Dist 40 Ft Class 4 Wood	EA	343.52	201.7728	452	280.24	
P40-5	Pole Dist 40 Ft Class 5 Wood	EA	343.52	201.7728	452	280.24	
P45-1	Pole Dist 45 Ft Class 1 Wood	EA	371.64	218.2896	489	303.18	
P45-2	Pole Dist 45 Ft Class 2 Wood	EA	371.64	218.2896	489	303.18	
P45-3	Pole Dist 45 Ft Class 3 Wood	EA	371.64	218.2896	489	303.18	
P45-4	Pole Dist 45 Ft Class 4 Wood	EA	371.64	218.2896	489	303.18	
P50-1	Pole Dist 50 Ft Class 1 Wood	EA	431.68	253.5552	568	352.16	
P50-2	Pole Dist 50 Ft Class 2 Wood	EA	431.68	253.5552	568	352.16	
P50-3	Pole Dist 50 Ft Class 3 Wood	EA	431.68	253.5552	568	352.16	
P55-1	Pole Dist 55 Ft Class 1 Wood	EA	532	312.48	700	434	
P55-2	Pole Dist 55 Ft Class 2 Wood	EA	532	312.48	700	434	
P55-3	Pole Dist 55 Ft Class 3 Wood	EA	532	312.48	700	434	
POLE SET - 1 gal	Pole Set - 1 gallon bucket	EA	72.2	42.408	**95**	58.9	
POLE SET - 3 gal	Pole Set - 3 gallon bucket	EA	114	66.96	**150**	93	
Pole Top	Cut Top of Pole	EA	95	55.8	**125**	77.5	
PT	Primary Transfer	EA	68.4	40.176	90	55.8	
PTA	Primary Transfer Angle	EA	68.4	40.176	90	55.8	
REC 100A - 1- Phase	Recloser 100 AMP - Single	EA	235.6	138.384	310	192.2	
REC 10A - 1- Phase	Recloser 10 AMP - Single Phase	EA	235.6	138.384	310	192.2	
REC 15A - 1- Phase	Recloser 15 AMP - Single Phase	EA	235.6	138.384	310	192.2	
REC 25A - 1- Phase	Recloser 25 AMP - Single Phase	EA	235.6	138.384	310	192.2	
REC 35A - 1- Phase	Recloser 35 AMP - Single Phase	EA	235.6	138.384	310	192.2	
REC 50A - 1- Phase	Recloser 50 AMP - Single Phase	EA	235.6	138.384	310	192.2	
REC 5A - 1- Phase	Recloser 5 AMP - Single Phase	EA	235.6	138.384	310	192.2	
REC 70A - 1- Phase	Recloser 70 AMP - Single Phase	EA	235.6	138.384	310	192.2	
REC1P-ELEC	Recloser 1 Phase Electronic	EA	266	156.24	350	217	

LineTec Services

2020 Rates by Unit

Assembly Unit Name	Description	Unit of Measure	Install Cold	Remove Cold	Intall Hot	Remove Hot	Notes
REC225	Recloser 3Ph 225A 12.5KV	One Unit	380	223.2	500	310	
REC3P800-VFI	Recloser Vacuum 3Ph 800A SCADA Controlled	One Unit	380	223.2	500	310	
RFR-20	AMI RF Routers w/20 ft Cable	EA	114	66.96	150	93	
RFR-SC	Router Repeater Radio Streetlight Mounted	Removal Only Unit	57	33.48	75	46.5	
ROCKHOLE	Digging Holes in Rock w/ Digger	Per Ft.	64.6	37.944	85	52.7	
Rockstar Machine	Rockstar Machine	Per Hole	323	189.72	**425**	263.5	
Spread	Installation of Spreader Arm	EA	72.2	42.408	95	58.9	
SUBCOLLECTOR-SC	Substation Collector/Comm Pkg	1 Unit	285	167.4	375	232.5	
TD	Transfer Deadend	EA	95	55.8	125	77.5	
TIES	Tying and Untying Conductor	EA	16.72	9.8208	22	13.64	
Traffic Management	Traffic Management Setup	EA	0				
Transfer Anchor	Transfer Communications	EA	38	**22.32**	50	31	
Transfer Deadend	Transfer Communications Deadend	Per Attach/Pole	95	**55.8**	125	77.5	
Transfer Drop	Transfer Communications Drop	Per Attach/Pole	11.4	**6.696**	15	9.3	
Transfer Guy	Transfer Communications Guy	EA	64.6	**37.944**	85	52.7	
Transfer Riser	Transfer Communications Riser	EA	171	**100.44**	225	139.5	
Transfer Tangent	Transfer Communications Tangent	Per Attach/Pole	41.8	**24.552**	55	34.1	
UM2	2" Secondary Riser	EA	190	**111.6**	250	155	
UG6-100	1 Ph Padmount Deadend Transformer (100 kVA)	EA	368.6	**216.504**	485	300.7	
UG7-100	1 Ph Padmount Feed Through Transformer (100 kVA)	EA	368.6	**216.504**	485	300.7	
UM2-1 (1/0)	1 Ph 1/0 URD Riser 1/0	EA	1444	**848.16**	1900	1178	
UM2-3 (1/0)	3 Ph 1/0 URD Riser 1/0	EA	2660	**1562.4**	3500	2170	
UM 2-3 (500)	3 Ph 1/0 URD Riser 500 MCM	EA	2812	**1651.68**	3700	2294	
UM 2-3 (1000)	3 Ph 1/0 URD Riser 1000 MCM	EA	2812	**1651.68**	3700	2294	
USWGR PME-9	Switchgear PME-9 Equivalent	EA	1292	**758.88**	1700	1054	
USWGR PME-11	Switchgear PME-11 Equivalent	EA	1520	**892.8**	2000	1240	
			41937.119	**24645.931**	55180.4	34211.9	

Assume all wood pole installations to be drilled in soils that are good to average (no rock). Neutral spacing is greater than RUS standard for all construction units and is a minimum of 7' from pole top. Conductors shall be assumed to have a full size neutral.

KPUB reserves the right to negotiate standard terms and conditions and pricing with all awarded Repondent(s). Any contract(s) resulting from this solicitation process will be for services on an as-needed basis over the term of the contract. KPUB does not guarantee to use any awarded Respondent(s) for any minimum amount of work, any minimum percentage of work, or any minimum value of work. KPUB reserves the right to utilize any respondent for any work as deemed necessary.

				Total Avg
249.63	146.7	328.45	203.64	232.105

Greenstone Electrical Services

2021 Rates

HOURLY EQUIPMENT RATES (Should not include Operator)		
Equipment Description	Hourly Rates	Detailed Equipment Description (Type and Model Minimum)
1/2 or 3/4 Ton Pickup Truck	$ 17.00	
1 Ton Pickup Truck	$ 18.90	
Mechanics Truck	$ 45.00	
Bucket Truck 50' - 55'	$ 65.00	
Bucket 55' - Material Handler	$ 55.00	
Small Bucket Truck 40'	$ 65.00	
Boom Truck	$ 30.00	
Rope Puller	$ 44.10	
Tensioner	$ 25.10	
Pole Trailer	$ 32.00	
Reel Caddie/Wire Trailer	$ 48.00	
Pressure Digger	$ 60.90	
Rockstar Digger	Per Bid	
Backyard Bucket/Digger	Per Bid	
Digger Derrick	$ 75.00	
Trencher/Backhoe Combo	$ 63.00	
Jack Hammer	$ 25.00	
Vac-Truck w/ Trailer	$ 148.20	
Response Time	12 hrs.	After first request
Crew Availability	6-Feb	Total number of crews to be allocated

HOURLY EMPLOYEE RATES			#/Crew
EMPLOYEE CLASSIFICATION	Billing Rates		
	Straight Time	Overtime	
General Foreman	$ 62.00	$ 93.00	1
Foreman	$ 56.70	$ 85.05	1
Class A Lineman	$ 50.40	$ 75.60	2
Class B Lineman	$ 46.20	$ 69.30	2
Class C Lineman	$ 42.00	$ 63.00	2
Service Man	$ 34.00	$ 51.00	1
Apprentice	$ 34.00	$ 51.00	2
Heavy Equipment Operator	$ 45.00	$ 67.50	1
Operator	$ 42.00	$ 63.00	1
Truck Driver	$ 35.00	$ 52.50	1
Laborer/Material Man/Ground Man	$ 34.00	$ 51.00	2
Meter Electrician	$ 35.00	$ 52.50	1
Total Cost for Crew	$ 722.90	$ 1,084.35	

Owner reserves the right to negotiate standard terms and conditions and pricing with all awarded Repondent(s). Any contract(s) resulting from this solicitation process will be for services on an as-needed basis over the term of the contract. Owner does not guarantee to use any awarded Respondent(s) for any minimum amount of work, any minimum percentage of work, or any minimum value of work.

In the event the parties cannot negotiate and execute the Contract within the time specified, Owner reserves the right to terminate negotiations with the selected Respondent and commence negotiations with another Respondent.

Greenstone Electrical Services

2021 Rates by Unit

Assembly Unit Name	New Assembly	Description	Install Cold	Remove Cold	Intall Hot	Remove Hot
10 kVA - OH		10 kVA OH Transformer	$ 271	$ 183	$ 324	$ 227
100 kVA - OH		100 kVA OH Transformer	$ 404	$ 216	$ 376	$ 288
15 kVA - OH		15 kVA OH Transformer	$ 271	$ 183	$ 324	$ 227
167 kVA - OH		167 kVA OH Transformer	$ 412	$ 288	$ 474	$ 340
25 kVA - OH		25 kVA OH Transformer	$ 271	$ 183	$ 324	$ 227
37.5 kVA - OH		37.5 kVA OH Transformer	$ 271	$ 183	$ 324	$ 227
5 kVA - OH		5 kVA OH Transformer	$ 271	$ 183	$ 324	$ 227
50 kVA - OH		50 kVA OH Transformer	$ 271	$ 183	$ 324	$ 227
75 kVA - OH		75 kVA OH Transformer	$ 276	$ 201	$ 345	$ 247
A1		1Ph Tangent Single Support	$ 37	$ 29	$ 105	$ 36
A1-1		1Ph Tangent Double Support	$ 41	$ 33	$ 111	$ 40
A2		1Ph Small Angle	$ 41	$ 33	$ 111	$ 40
A3		1Ph Medium Angle	$ 56	$ 38	$ 122	$ 58
A4		1Ph Large Angle	$ 91	$ 64	$ 173	$ 91
A5		1Ph Deadend	$ 68	$ 46	$ 142	$ 67
A5-1		1Ph Tap off of a 1Ph pole	$ 76	$ 53	$ 157	$ 76
A5-2		1Ph Tap off of a Multi-Phase pole	$ 78	$ 55	$ 157	$ 76
A6		1Ph Double Deadend	$ 111	$ 76	$ 191	$ 155
ARMROD		Armor Rods	$ 46	$ 39	$ 60	$ 50
B1		2Ph Tangent Sngl Supp 1/0	$ 95	$ 80	$ 161	$ 84
B1-1		2Ph Tangent Dbl Supp 1/0	$ 122	$ 99	$ 195	$ 91
B8		2Ph Double Deadend on arm	$ 157	$ 115	$ 201	$ 108
Back Fill Hole		Back Fill Hole	$ 26	N/A	$ 26	N/A
C1		3Ph Tangent Single Support 1/0	$ 97	$ 66	$ 214	$ 94
C1-1		3Ph Tangent Double Support1/0	$ 125	$ 92	$ 260	$ 132
C1-2		3Ph Tangent Single Support with Saddle Pin 477	$ 107	$ 74	$ 127	$ 105
C1-3		3Ph Tangent Double Support with Saddle Pin 477	$ 142	$ 101	$ 275	$ 143
C2		3Ph Very Small Angle 1/0	$ 133	$ 92	$ 265	$ 133
C2-1		3Ph Small Angle 1/0	$ 143	$ 101	$ 275	$ 143
C2-2		3Ph Small Angle 477	$ 143	$ 101	$ 275	$ 143
C7		3Ph Deadend 1/0	$ 167	$ 113	$ 303	$ 165
C7 (477)		3Ph Deadend 477	$ 169	$ 118	$ 303	$ 165
C7X		3 Ph Tap off of a 3 Ph Deadend	$ 163	$ 113	$ 293	$ 155
C8		3Ph Double Deadend or Medium Angle 1/0	$ 262	$ 180	$ 420	$ 261
C8 (477)		3Ph Double Deadend or Medium Angle 477	$ 262	$ 180	$ 420	$ 261
DIGGER ROCK		Digger Rock	$ 45	N/A	N/A	N/A
DIGTESS		Contact DigTESS for UG Locates	$ 10	N/A	N/A	N/A
DMN		Repair or splice neutral cond	$ 29	$ 29	$ 35	$ 35
DMP		Repair or splice primary cond	$ 29	$ 29	$ 35	$ 35
DM-SEC		Secondary Jumper 4/0&below-Lbr	$ 26	$ 26	$ 35	$ 35
DM-SERV		Repair or splice service wire	$ 26	$ 26	$ 35	$ 35
DSN		Re-sag neutral conductor wire	$ 98	$ 98	$ 129	$ 129
DSP		Re-sag conductor wire	$ 118	$ 118	$ 170	$ 170
DS-SERV		Re-sag service wire	$ 77	N/A	$ 124	N/A
E1-2		Single Down Guy 3/8" EHS	$ 76	$ 82	$ 93	$ 76
E1-3		Single Down Guy 7/16" EHS	$ 108	$ 87	$ 134	$ 108
E3-10		Guy Marker	$ 15	N/A	$ 12	N/A
EXTRA HOLE DEPTH		Digging Holes Deeper than normal	$ 22	N/A	N/A	N/A
F1-2		Anchor Assembly - 10K lbs.	$ 191	$ 77	N/A	N/A
F1-3		Anchor Assembly - 10K lbs.	$ 191	$ 77	N/A	N/A
F1-4		Anchor Assembly - 12K lbs.	$ 201	$ 77	N/A	N/A
G310		3Ph Xfmr Mounting Bracket & Transformer Installation (Y-	$ 665	$ 284	$ 865	$ 370
G311		3Ph Xfmr Mounting Bracket & Transformer Installation	$ 665	$ 284	$ 865	$ 370
M5-7		Wildlife protection	$ 10	$ 5	$ 35	$ 15
Hand Digging		Hand Digging	$ 36	N/A	$ 52	N/A
J10		Sec or N Assemb Small Angle	$ 21	$ 14	$ 25	$ 19
J8		Sec or N Assemb Sngl Upset	$ 21	$ 14	$ 25	$ 19
K10		Service Assembly House Bracket	$ 21	$ 14	$ 25	$ 19
KC		Service Assembly Wedge Clamp	$ 21	$ 14	$ 25	$ 19
KDHC		Service Assemb Wedge Clamp w/ drive hook	$ 21	$ 14	$ 24	$ 15

Greenstone Electrical Services

2021 Rates by Unit

Assembly Unit Name	New Assembly	Description	Install Cold	Remove Cold	Intall Hot	Remove Hot
M26-5 100W HPS		Local Street/Area Light 100W HPS Equivalent	$ 99	$ 92	$ 122	$ 97
M26-5 250W HPS		Collector Street Light 250W HPS Equivalent	$ 99	$ 92	$ 122	$ 97
M26-5 400W HPS		Major Street Light 400W HPS Equivalent	$ 129	$ 98	$ 139	$ 108
M26-5 Arm-6'		Streetlight Mast Arm - 6'	$ 95	$ 46	$ 113	$ 49
M26-5 Arm-8'		Streetlight Mast Arm - 8'	$ 101	$ 48	$ 118	$ 49
M26-5 Arm-10'		Streetlight Mast Arm - 10'	$ 113	$ 54	$ 127	$ 60
M26-5 Arm-16'		Streetlight Mast Arm - 16'	$ 129	$ 70	$ 139	$ 75
M26-5 Flood Small		Flood Light 100W HPS Equivalent Mounted to Pole	$ 103	$ 95	$ 127	$ 99
M26-5 Flood Medium		Flood Light 250W HPS Equivalent Mounted to Pole	$ 103	$ 95	$ 127	$ 99
M26-5 Flood Large		Flood Light 400W HPS Equivalent Mounted to Pole	$ 129	$ 101	$ 139	$ 108
M2-2X		Pole Grnd Ground Rod & Butt Plate	$ 72	$ 52	$ 84	$ 78
Ground Rod		5/8 Grnd Rod and connection	$ 43	$ 43	$ 25	$ 25
M2-2		Pole Grnd Butt Plate	$ 60	$ 47	$ 66	$ 54
M5-10		Fused Cutout	$ 73	$ 53	$ 108	$ 88
M3-10		Single Phase OCR W/Bypass	$ 196	$ 124	$ 237	$ 180
M3-12		3-1Ph OCR's	$ 850	$ 711	$ 1,082	$ 886
M3-15SB		Solid Blade Disconnect Switch	$ 124	$ 95	$ 149	$ 122
M3-15 S/C		Gang Operated LB Switch	$ 979	$ 783	$ 1,185	$ 958
M5-14		8' Crossarm	$ 41	$ 36	$ 52	$ 43
M5-16		10' Crossarm	$ 52	$ 46	$ 62	$ 49
M5-2		Pole top pin and insulator	$ 28	$ 22	$ 35	$ 26
M5-20		Suspension Insulator	$ 28	$ 22	$ 35	$ 26
M5-21		Fiberglass Extension Link	$ 28	$ 22	$ 35	$ 26
M5-23 (1/0)		Stirrup Hot Line 1/0	$ 24	$ 21	$ 27	$ 24
M5-23.(477)		Stirrup Hot Line 477	$ 24	$ 21	$ 27	$ 24
M5-3		Pin type insulator	$ 19	$ 16	$ 25	$ 21
M5-4		DA Bolt Adapter - side insul pole jumper	$ 19	$ 16	$ 25	$ 21
M5-5		Cross arm pin and insulator Drop in	$ 19	$ 16	$ 25	$ 21
M5-6		10kV Lightning Arrester and Jumpers	$ 80	$ 48	$ 99	$ 74
M5-64		Fault Indicators Overhead	$ 67	$ 41	$ 88	$ 67
M7-14 (200)		Voltage Regulator 200A	$ 721	$ 587	$ 901	$ 721
M7-14 (219)		Voltage Regulator 219A	$ 721	$ 587	$ 901	$ 721
M7-14 (328)		Voltage Regulator 328A	$ 721	$ 587	$ 901	$ 721
M8-15		Overhead Primary Metering 7.2/12.5	$ 670	$ 536	$ 850	$ 670
M9-11 (100)		100 kVAR 7.2kV Capacitor	$ 324	$ 258	$ 397	$ 299
M9-13		3pH Capacitor Assembly	$ 494	$ 402	$ 618	$ 484
M9-11 (200)		200 kVAR 7.2kV Capacitor	$ 175	$ 144	$ 221	$ 175
MTR2S		Meter Form 2S CL200	$ 77	N/A	N/A	N/A
MTR4S		Meter Form 4S	$ 77	N/A	N/A	N/A
MTR9S		Meter Form 9S SS	$ 77	N/A	N/A	N/A
MTR16S		Meter Form 16S SS	$ 129	N/A	N/A	N/A
NT		Neutral Transfer	$ 48	N/A	$ 84	N/A
NTA		Neutral Transfer Angle	$ 57	N/A	$ 88	N/A
OH-1/0 ACSR		OH Conductor 1/0 ACSR Raven	$ 0.52	$ 0.42	$ 0.64	$ 0.52
OHQ-4/0 ACSR		OH Service Conductor 4/0 Quad	$ 1.65	$ 1.34	$ 2.06	$ 1.65
OHT-4/0 ACSR		OH Service Conductor 4/0 Triplex	$ 1.48	$ 1.19	$ 1.85	$ 1.48
OH-477 AAC		OH Conductor 477 AAC Cosmos	$ 0.80	$ 0.60	$ 0.99	$ 0.80
OHQ-2/0 ACSR		OH Service Conductor 2/0 Quad	$ 1.48	$ 1.15	$ 1.85	$ 1.48
OHT-2/0 ACSR		OH Service Conductor 2/0 Triplex	$ 1.15	$ 1.03	$ 1.44	$ 1.15
OH-#2 ACSR		OH Conductor #2 ACSR Sparrow	$ 0.52	$ 0.41	$ 0.64	$ 0.54
OHQ-#2 ACSR		OH Service Conductor #2 Quad	$ 1.24	$ 1.03	$ 1.55	$ 1.24
OHT-#4 ACSR		OH Service Conductor #4 Triplex	$ 0.98	$ 0.81	$ 1.08	$ 0.97
OHD-#6 ACSR		OH Service Conductor #6 Duplex	$ 0.80	$ 0.57	$ 0.99	$ 0.79
OH-795 AAC		OH Conductor 795 AAC Arbutus	$ 1.03	$ 0.82	$ 1.29	$ 1.03
One Shot		One Shot Device	$ 118	N/A	N/A	N/A
P35-5		Pole Dist 35 Ft Class 5 Wood	$ 288	$ 124	$ 319	$ 144
P40-3		Pole Dist 40 Ft Class 3 Wood	$ 340	$ 134	$ 371	$ 170
P40-4		Pole Dist 40 Ft Class 4 Wood	$ 340	$ 134	$ 371	$ 170
P40-5		Pole Dist 40 Ft Class 5 Wood	$ 340	$ 134	$ 371	$ 170
P45-1		Pole Dist 45 Ft Class 1 Wood	$ 398	$ 163	$ 443	$ 201

Greenstone Electrical Services

2021 Rates by Unit

Assembly Unit Name	New Assembly	Description	Install Cold	Remove Cold	Intall Hot	Remove Hot
P45-2		Pole Dist 45 Ft Class 2 Wood	$ 398	$ 163	$ 443	$ 201
P45-3		Pole Dist 45 Ft Class 3 Wood	$ 398	$ 163	$ 443	$ 201
P45-4		Pole Dist 45 Ft Class 4 Wood	$ 398	$ 163	$ 443	$ 201
P50-1		Pole Dist 50 Ft Class 1 Wood	$ 438	$ 191	$ 494	$ 242
P50-2		Pole Dist 50 Ft Class 2 Wood	$ 438	$ 191	$ 494	$ 242
P50-3		Pole Dist 50 Ft Class 3 Wood	$ 438	$ 191	$ 494	$ 242
P55-1		Pole Dist 55 Ft Class 1 Wood	$ 484	$ 227	$ 551	$ 273
P55-2		Pole Dist 55 Ft Class 2 Wood	$ 484	$ 227	$ 551	$ 273
P55-3		Pole Dist 55 Ft Class 3 Wood	$ 484	$ 227	$ 551	$ 273
POLE SET - 1 gal		Pole Set - 1 gallon bucket	$ 484	$ 227	$ 551	$ 273
POLE SET - 3 gal		Pole Set - 3 gallon bucket	$ 57	N/A	$ 57	N/A
Pole Top		Cut Top of Pole	$ 77	N/A	$ 77	N/A
PT		Primary Transfer	$ 44	N/A	$ 52	N/A
PTA		Primary Transfer Angle	$ 36	N/A	$ 77	N/A
REC 100A - 1- Phase		Recloser 100 AMP - Single Phase	$ 46	N/A	$ 98	N/A
REC 10A - 1- Phase		Recloser 10 AMP - Single Phase	$ 139	$ 118	$ 185	$ 144
REC 15A - 1- Phase		Recloser 15 AMP - Single Phase	$ 139	$ 118	$ 185	$ 144
REC 25A - 1- Phase		Recloser 25 AMP - Single Phase	$ 139	$ 118	$ 185	$ 144
REC 35A - 1- Phase		Recloser 35 AMP - Single Phase	$ 139	$ 118	$ 185	$ 144
REC 50A - 1- Phase		Recloser 50 AMP - Single Phase	$ 139	$ 118	$ 185	$ 144
REC 5A - 1- Phase		Recloser 5 AMP - Single Phase	$ 139	$ 118	$ 185	$ 144
REC 70A - 1- Phase		Recloser 70 AMP - Single Phase	$ 139	$ 118	$ 185	$ 144
REC1P-ELEC		Recloser 1 Phase Electronic	$ 139	$ 118	$ 185	$ 144
REC225		Recloser 3Ph 225A 12.5KV	$ 412	$ 309	$ 494	$ 397
REC3P800-VFI		Recloser Vacuum 3Ph 800A SCADA Controlled	$ 891	$ 711	$ 1,030	$ 891
RFR-20		AMI RF Routers w/20 ft Cable	$ 129	N/A	N/A	N/A
RFR-SC		Router Repeater Radio Streetlight Mounted	$ 88	N/A	N/A	N/A
ROCKHOLE		Digging Holes in Rock w/ Digger	$ 54	N/A	N/A	N/A
Clean Out Hole		Dig in exsisting hole	$ 21	N/A	N/A	N/A
Rockstar Machine		Rockstar Machine	Per Job	Per Job	Per Job	Per Job
Spread		Installation of Spreader Arm	$ 46	N/A	$ 77	N/A
SUBCOLLECTOR-SC		Substation Collector/Comm Pkg	N/A	N/A	N/A	N/A
TD		Transfer Deadend	$ 67	N/A	$ 88	N/A
TIES		Tying and Untying Conductor	$ 41	N/A	$ 67	N/A
Traffic Management		Traffic Management Setup	$ 15	N/A	$ 15	N/A
Transfer Anchor		Transfer Communications Anchor	$ 309	N/A	$ 319	N/A
Transfer Deadend		Transfer Communications Deadend	$ 206	N/A	$ 206	N/A
Transfer Drop		Transfer Communications Drop	$ 21	N/A	$ 21	N/A
Transfer Guy		Transfer Communications Guy	$ 144	N/A	$ 144	N/A
Transfer Riser		Transfer Communications Riser	$ 124	N/A	$ 124	N/A
Transfer Tangent		Transfer Communications Tangent	$ 76	N/A	$ 76	N/A
UM2		2" Secondary Riser	$ 294	$ 201	$ 363	$ 272
UM2 Transfer		2" Sec. Riser transfer	$ 232	$ 232	$ 232	$ 232
UG6-100		1 Ph Padmount Deadend Transformer (100 kVA)	$ 536	$ 391	N/A	N/A
UG7-100		1 Ph Padmount Feed Through Transformer (100 kVA)	$ 623	$ 406	N/A	N/A
UM2-1 (1/0)		1 Ph 1/0 URD Riser 1/0	$ 294	$ 191	$ 365	$ 269
UM2-3 (1/0)		3 Ph 1/0 URD Riser 1/0	$ 809	$ 547	$ 1,009	$ 839
UM 2-3 (500)		3 Ph 1/0 URD Riser 500 MCM	$ 1,627	$ 1,154	$ 1,795	$ 1,267
UM 2-3 (1000)		3 Ph 1/0 URD Riser 1000 MCM	$ 1,627	$ 1,154	$ 1,795	$ 1,267
USWGR PME-9		Switchgear PME-9 Equivalent	$ 469	$ 361	N/A	N/A
USWGR PME-11		Switchgear PME-11 Equivalent	$ 469	$ 361	N/A	N/A
			$ 33,900	$ 21,019	$ 37,892	$ 23,889

Assume all wood pole installations to be drilled in soils that are good to average (no rock). Neutral spacing is greater than RUS standard for all construction units and is a minimum of 7' from pole top. Conductors shall be assumed to have a full size neutral.

KPUB reserves the right to negotiate standard terms and conditions and pricing with all awarded Repondent(s). Any contract(s) resulting from this solicitation process will be for services on an as-needed basis over the term of the contract. KPUB does not guarantee to use any awarded Respondent(s) for any minimum amount of work, any minimum percentage of work, or any minimum value of work. KPUB reserves the right to utilize any respondent for any work as deemed necessary.

James Power Line Construction, LLC.

2017-2020 Rates

HOURLY EQUIPMENT RATES (Should not include Operator)		
Equipment Description	Hourly Rates	Detailed Equipment Description (Type and Model Minimum)
1/2 or 3/4 Ton Pickup Truck	$ 16.00	
1 Ton Pickup Truck	$ 18.00	
Mechanics Truck	$ 34.00	
Bucket Truck 50' - 55'	$ 30.00	
Bucket 55' - Material Handler	$ 35.00	
Small Bucket Truck 40'	$ 32.00	
Boom Truck	$ 35.00	
Rope Puller	$ 38.00	
Tensioner	$ 22.00	
Pole Trailer	$ 8.00	
Reel Caddie/Wire Trailer	$ 8.00	
Pressure Digger	$ 62.00	
Rockstar Digger	$ 300.00	
Backyard Bucket/Digger	$ 75.00	
Digger Derrick	$ 35.00	
Trencher/Backhoe Combo	$ 48.00	
Jack Hammer	$ 8.00	
Vac-Truck w/ Trailer	$ 180.00	
Response Time	30 days	After first request
Crew Availability	1 to 3	Total number of crews to be allocated

HOURLY EMPLOYEE RATES			
EMPLOYEE CLASSIFICATION	Billing Rates		#/Crew
	Straight Time	Overtime	
General Foreman	$ 66.00	$ 99.00	
Foreman	$ 64.00	$ 96.00	1
Class A Lineman	$ 60.00	$ 90.00	1
Class B Lineman	$ 56.00	$ 84.00	1
Class C Lineman	$ 52.00	$ 78.00	
Service Man	$ 64.00	$ 96.00	
Apprentice	$ 46.00	$ 69.00	
Heavy Equipment Operator	$ 44.00	$ 69.00	
Operator	$ 44.00	$ 66.00	1
Truck Driver	$ 42.00	$ 63.00	
Laborer/Material Man/Ground Man	$ 42.00	$ 63.00	1
Meter Electrician	$ 64.00	$ 96.00	
Total Cost for Crew	$ 266.00	$ 399.00	

Owner reserves the right to negotiate standard terms and conditions and pricing with all awarded Repondent(s). Any contract(s) resulting from this solicitation process will be for services on an as-needed basis over the term of the contract. Owner does not guarantee to use any awarded Respondent(s) for any minimum amount of work, any minimum percentage of work, or any minimum value of work.

In the event the parties cannot negotiate and execute the Contract within the time specified, Owner reserves the right to terminate negotiations with the selected Respondent and commence negotiations with another Respondent.

James Power Line Construction, LLC.

2017-2020 Rates by Unit

Assembly Unit Name	Description	Unit of Measure	Install Cold	Remove Cold	Intall Hot	Remove Hot	Notes
10 kVA - OH	10 kVA OH Transformer	EA	414.00	304.75	512.90	414.00	
100 kVA - OH	100 kVA OH Transformer	EA	471.50	362.25	575.00	471.50	
15 kVA - OH	15 kVA OH Transformer	EA	414.00	304.75	512.90	414.00	
167 kVA - OH	167 kVA OH Transformer	EA	494.50	373.75	598.00	494.50	
25 kVA - OH	25 kVA OH Transformer	EA	414.00	304.75	512.90	414.00	
37.5 kVA - OH	37.5 kVA OH Transformer	EA	414.00	304.75	512.90	414.00	
5 kVA - OH	5 kVA OH Transformer	EA	414.00	304.75	512.90	414.00	
50 kVA - OH	50 kVA OH Transformer	EA	448.50	339.25	552.00	448.50	
75 kVA - OH	75 kVA OH Transformer	EA	448.50	339.25	552.00	448.50	
A1	1Ph Tangent Single Support	EA	46.00	34.50	120.75	69.00	
A1-1	1Ph Tangent Double Support	EA	50.60	39.10	128.80	75.90	
A2	1Ph Small Angle	EA	50.60	39.10	128.80	75.90	
A3	1Ph Medium Angle	EA	69.00	48.30	149.50	86.25	
A4	1Ph Large Angle	EA	109.25	75.90	201.25	138.00	
A5	1Ph Deadend	EA	79.35	56.35	163.30	92.00	
A5-1	1Ph Tap off of a 1Ph pole	EA	92.00	64.40	179.40	103.50	
A5-2	1Ph Tap off of a Multi-Phase	EA	92.00	64.40	179.40	103.50	
A6	1Ph Double Deadend	EA	131.10	92.00	201.25	131.10	
ARMROD	Armor Rods	EA	34.50	28.75	46.00	34.50	
B1	2Ph Tangent Sngl Supp 1/0	EA	81.65	58.65	181.70	105.80	
B1-1	2Ph Tangent Dbl Supp 1/0	EA	134.55	93.15	246.10	134.55	
B8	2Ph Double Deadend on arm	EA	213.90	149.50	349.60	213.90	
Back Fill Hole	Back Fill Hole	EA	115.00	0.00	0.00	0.00	
C1	3Ph Tangent Single Support 1/0	EA	110.40	77.05	243.80	149.50	
C1-1	3Ph Tangent Double Support1/0	EA	154.10	106.95	299.00	207.00	
C1-2	3Ph Tangent Single Support with Saddle Pin 477	EA	124.20	87.40	262.20	161.00	
C1-3	3Ph Tangent Double Support with Saddle Pin 477	EA	165.60	117.30	315.10	218.50	
C2	3Ph Very Small Angle 1/0	EA	154.10	108.10	299.00	207.00	
C2-1	3Ph Small Angle 1/0	EA	165.60	117.30	315.10	218.50	
C2-2	3Ph Small Angle 477	EA	165.60	117.30	338.10	241.50	
C7	3Ph Deadend 1/0	EA	253.00	172.50	414.00	253.00	
C7 (477)	3Ph Deadend 477	EA	276.00	201.25	460.00	276.00	
C7X	3 Ph Tap off of a 3 Ph Deadend	EA	253.00	172.50	414.00	253.00	
C8	3Ph Double Deadend or Medium Angle 1/0	EA	437.00	276.00	644.00	437.00	
C8 (477)	3Ph Double Deadend or Medium Angle 477	EA	483.00	299.00	713.00	483.00	
DIGGER ROCK	Digger Rock	per ft.	46.00	0.00	0.00	0.00	
DIGTESS	Contact DigTESS for UG	EA	25.00	0.00	0.00	0.00	
DMN	Repair or splice neutral cond	EA	34.50	28.75	46.00	34.50	
DMP	Repair or splice primary cond	EA	34.50	28.75	69.00	34.50	
DM-SEC	Secondary Jumper	EA	28.75	23.00	34.50	28.75	
DM-SERV	Repair or splice service wire	EA	34.50	28.75	46.00	34.50	
DSN	Re-sag neutral conductor wire	EA	87.40	64.40	117.30	87.40	
DSP	Re-sag conductor wire	EA	144.90	117.30	204.70	144.90	
DS-SERV	Re-sag service wire	EA	87.40	62.10	117.30	87.40	
E1-2	Single Down Guy 3/8" EHS	EA	86.25	71.30	128.80	86.25	
E1-3	Single Down Guy 7/16" EHS	EA	115.00	94.30	149.50	115.00	
E3-10	Guy Marker	EA	17.25	11.50	0.00	0.00	
EXTRA HOLE DEPTH	Digging Holes Deeper than	Per Ft.	46.00	0.00	0.00	0.00	
F1-2	Anchor Assembly - 10K lbs.	EA	126.50	69.00	0.00	0.00	
F1-3	Anchor Assembly - 10K lbs.	EA	138.00	69.00	0.00	0.00	
F1-4	Anchor Assembly - 12K lbs.	EA	149.50	69.00	0.00	0.00	

James Power Line Construction, LLC.

2017-2020 Rates by Unit

Assembly Unit Name	Description	Unit of Measure	Install Cold	Remove Cold	Intall Hot	Remove Hot	Notes
G310	3Ph Xfmr Mounting Bracket & Transformer Installation (Y-D)	EA	186.30	149.50	230.00	186.30	
G311	3Ph Xfmr Mounting Bracket & Transformer Installation (Delta)	EA	186.30	149.50	230.00	186.30	
M5-7	Wildlife protection	EA	28.75	23.00	34.50	28.75	
Hand Digging	Hand Digging	per ft.	115.00	0.00	0.00	0.00	
J10	Sec or N Assemb Small Angle	EA	27.60	23.00	34.50	27.60	
J8	Sec or N Assemb Sngl Upset	EA	27.60	23.00	34.50	27.60	
K10	Service Assembly House	EA	27.60	23.00	34.50	27.60	
KC	Service Assembly Wedge Clamp	EA	27.60	23.00	34.50	27.60	
KDHC	Service Assemb Wedge Clamp w/ drive hook	EA	27.60	23.00	34.50	27.60	
M26-5 100W HPS	Local Street/Area Light 100W HPS Equivalent	EA	108.10	83.95	133.40	108.10	
M26-5 250W HPS	Collector Street Light 250W HPS Equivalent	EA	108.10	83.95	133.40	108.10	
M26-5 400W HPS	Major Street Light 400W HPS Equivalent	EA	108.10	83.95	133.40	108.10	
M26-5 Arm-6'	Streetlight Mast Arm - 6'	EA	119.60	95.45	144.90	119.60	
M26-5 Arm-8'	Streetlight Mast Arm - 8'	EA	119.60	95.45	144.90	119.60	
M26-5 Arm-10'	Streetlight Mast Arm - 10'	EA	131.10	106.95	156.40	131.10	
M26-5 Arm-16'	Streetlight Mast Arm - 16'	EA	142.60	118.45	167.90	142.60	
M26-5 Flood Small	Flood Light 100W HPS Equivalent Mounted to Pole	EA	108.10	83.95	133.40	108.10	
M26-5 Flood Medium	Flood Light 250W HPS Equivalent Mounted to Pole	EA	108.10	83.95	133.40	108.10	
M26-5 Flood Large	Flood Light 400W HPS Equivalent Mounted to Pole	EA	108.10	83.95	133.40	108.10	
M2-2X	Pole Grnd Ground Rod & Butt	EA	138.00	69.00	174.80	98.90	
M2-2	Pole Grnd Butt Plate	EA	87.40	69.00	109.25	87.40	
M5-10	Fused Cutout	EA	166.75	135.70	209.30	166.75	
M3-10	Single Phase OCR W/Bypass	EA	232.30	144.90	290.95	232.30	
M3-12	3-1Ph OCR's	EA	1023.50	819.95	1281.10	1023.50	
M3-15SB	Solid Blade Disconnect Switch	EA	138.00	111.55	174.80	138.00	
M3-15 S/C	Gang Operated LB Switch	EA	1117.80	894.70	1398.40	1117.80	
M5-14	8' Crossarm	EA	50.60	46.00	64.40	50.60	
M5-16	10' Crossarm	EA	57.50	50.60	73.60	57.50	
M5-2	Pole top pin and insulator	EA	32.20	25.30	40.25	32.20	
M5-20	Suspension Insulator	EA	34.50	27.60	46.00	34.50	
M5-21	Fiberglass Extension Link	EA	34.50	27.60	46.00	34.50	
M5-23 (1/0)	Stirrup Hot Line 1/0	EA	27.60	23.00	34.50	27.60	
M5-23.(477)	Stirrup Hot Line 477	EA	27.60	23.00	34.50	27.60	
M5-3	Pin type insulator	EA	27.60	23.00	34.50	27.60	
M5-4	DA Bolt Adapter - side insul pole jumper	EA	27.60	23.00	34.50	27.60	
M5-5	Cross arm pin and insulator Drop	EA	27.60	23.00	34.50	27.60	
M5-6	10kV Lightning Arrester and Jumpers	EA	93.15	57.50	117.30	93.15	
M5-64	Fault Indicators Overhead	EA	93.15	57.50	117.30	93.15	
M7-14 (200)	Voltage Regulator 200A	EA	3029.10	2563.35	4195.20	3029.10	
M7-14 (219)	Voltage Regulator 219A	EA	3029.10	2563.35	4195.20	3029.10	
M7-14 (328)	Voltage Regulator 328A	EA	3029.10	2563.35	4195.20	3029.10	
M8-15	Overhead Primary Metering 7.2/12.5	EA	572.70	447.35	716.45	572.70	
M9-11 (100)	100 kVAR 7.2kV Capacitor	EA	372.60	302.45	465.75	372.60	

James Power Line Construction, LLC.

2017-2020 Rates by Unit

Assembly Unit Name	Description	Unit of Measure	Install Cold	Remove Cold	Intall Hot	Remove Hot	Notes
M9-13	3pH Capacitor Assembly	EA	558.90	465.75	699.20	558.90	
M9-11 (200)	200 kVAR 7.2kV Capacitor	EA	372.60	302.45	465.75	372.60	
MTR2S	Meter Form 2S CL200	EA	46.00	40.25	57.50	46.00	
MTR4S	Meter Form 4S	EA	46.00	40.25	57.50	46.00	
MTR9S	Meter Form 9S SS	EA	46.00	40.25	57.50	46.00	
MTR16S	Meter Form 16S SS	EA	46.00	40.25	57.50	46.00	
NT	Neutral Transfer	EA	57.50	40.25	86.25	57.50	
NTA	Neutral Transfer Angle	EA	57.50	40.25	86.25	57.50	
OH-1/0 ACSR	OH Conductor 1/0 ACSR Raven	per ft.	0.64	0.53	0.78	0.64	
OHQ-4/0 ACSR	OH Service Conductor 4/0 Quad	per ft.	1.38	1.15	1.67	1.38	
OHT-4/0 ACSR	OH Service Conductor 4/0	per ft.	1.38	1.15	1.67	1.38	
OH-477 AAC	OH Conductor 477 AAC Cosmos	per ft.	0.92	0.69	1.15	0.92	
OHQ-2/0 ACSR	OH Service Conductor 2/0 Quad	per ft.	1.38	1.15	1.67	1.38	
OHT-2/0 ACSR	OH Service Conductor 2/0	per ft.	1.27	1.04	1.55	1.27	
OH-#2 ACSR	OH Conductor #2 ACSR	per ft.	0.58	0.46	0.69	0.58	
OHQ-#2 ACSR	OH Service Conductor #2 Quad	per ft.	1.15	0.92	1.50	1.15	
OHT-#4 ACSR	OH Service Conductor #4 Triplex	per ft.	1.15	0.92	1.50	1.15	
OHD-#6 ACSR	OH Service Conductor #6	per ft.	1.15	0.92	1.50	1.15	
OH-795 AAC	OH Conductor 795 AAC Arbutus	per ft.	1.15	0.92	1.46	1.15	
One Shot	One Shot Device	EA	57.50	57.50	57.50	57.50	
P35-5	Pole Dist 35 Ft Class 5 Wood	EA	186.30	144.90	236.90	186.30	
P40-3	Pole Dist 40 Ft Class 3 Wood	EA	220.80	156.40	286.35	220.80	
P40-4	Pole Dist 40 Ft Class 4 Wood	EA	220.80	156.40	286.35	220.80	
P40-5	Pole Dist 40 Ft Class 5 Wood	EA	220.80	156.40	286.35	220.80	
P45-1	Pole Dist 45 Ft Class 1 Wood	EA	267.95	186.30	332.35	267.95	
P45-2	Pole Dist 45 Ft Class 2 Wood	EA	267.95	186.30	332.35	267.95	
P45-3	Pole Dist 45 Ft Class 3 Wood	EA	267.95	186.30	332.35	267.95	
P45-4	Pole Dist 45 Ft Class 4 Wood	EA	267.95	186.30	332.35	267.95	
P50-1	Pole Dist 50 Ft Class 1 Wood	EA	295.55	220.80	381.80	295.55	
P50-2	Pole Dist 50 Ft Class 2 Wood	EA	295.55	220.80	381.80	295.55	
P50-3	Pole Dist 50 Ft Class 3 Wood	EA	295.55	220.80	381.80	295.55	
P55-1	Pole Dist 55 Ft Class 1 Wood	EA	349.60	262.20	430.10	349.60	
P55-2	Pole Dist 55 Ft Class 2 Wood	EA	349.60	262.20	430.10	349.60	
P55-3	Pole Dist 55 Ft Class 3 Wood	EA	349.60	262.20	430.10	349.60	
POLE SET - 1 gal	Pole Set - 1 gallon bucket	EA	69.00	0.00	0.00	0.00	
POLE SET - 3 gal	Pole Set - 3 gallon bucket	EA	92.00	0.00	0.00	0.00	
Pole Top	Cut Top of Pole	EA	92.00	92.00	92.00	92.00	
PT	Primary Transfer	EA	57.50	40.25	86.25	57.50	
PTA	Primary Transfer Angle	EA	57.50	40.25	86.25	57.50	
REC 100A - 1- Phase	Recloser 100 AMP - Single	EA	167.90	133.40	209.30	167.90	
REC 10A - 1- Phase	Recloser 10 AMP - Single Phase	EA	167.90	133.40	209.30	167.90	
REC 15A - 1- Phase	Recloser 15 AMP - Single Phase	EA	167.90	133.40	209.30	167.90	
REC 25A - 1- Phase	Recloser 25 AMP - Single Phase	EA	167.90	133.40	209.30	167.90	
REC 35A - 1- Phase	Recloser 35 AMP - Single Phase	EA	167.90	133.40	209.30	167.90	
REC 50A - 1- Phase	Recloser 50 AMP - Single Phase	EA	167.90	133.40	209.30	167.90	
REC 5A - 1- Phase	Recloser 5 AMP - Single Phase	EA	167.90	133.40	209.30	167.90	
REC 70A - 1- Phase	Recloser 70 AMP - Single Phase	EA	167.90	133.40	209.30	167.90	
REC1P-ELEC	Recloser 1 Phase Electronic	EA	276.00	172.50	345.00	276.00	
REC225	Recloser 3Ph 225A 12.5KV	One Unit	466.90	370.30	690.00	466.90	
REC3P800-VFI	Recloser Vacuum 3Ph 800A SCADA Controlled	One Unit	1023.50	821.10	1281.10	1023.50	
RFR-20	AMI RF Routers w/20 ft Cable	EA	345.00	267.95	517.50	345.00	
RFR-SC	Router Repeater Radio Streetlight Mounted	Removal Only Unit	230.00	133.40	299.00	230.00	
ROCKHOLE	Digging Holes in Rock w/ Digger	Per Ft.	46.00	0.00	0.00	0.00	

James Power Line Construction, LLC.

2017-2020 Rates by Unit

Assembly Unit Name	Description	Unit of Measure	Install Cold	Remove Cold	Intall Hot	Remove Hot	Notes
Rockstar Machine	Rockstar Machine	Per Hole	690.00	0.00	0.00	0.00	
Spread	Installation of Spreader Arm	EA	46.00	34.50	69.00	46.00	
SUBCOLLECTOR-SC	Substation Collector/Comm Pkg	1 Unit	n/a	n/a	n/a	n/a	
TD	Transfer Deadend	EA	69.00	57.50	92.00	69.00	
TIES	Tying and Untying Conductor	EA	27.60	23.00	34.50	27.60	
Traffic Management	Traffic Management Setup	EA	460.00	0.00	0.00	0.00	
Transfer Anchor	Transfer Communications	EA	115.00	0.00	0.00	0.00	
Transfer Deadend	Transfer Communications Deadend	Per Attach/Pole	230.00	0.00	0.00	0.00	
Transfer Drop	Transfer Communications Drop	Per Attach/Pole	57.50	0.00	0.00	0.00	
Transfer Guy	Transfer Communications Guy	EA	149.50	0.00	0.00	0.00	
Transfer Riser	Transfer Communications Riser	EA	230.00	0.00	0.00	0.00	
Transfer Tangent	Transfer Communications Tangent	Per Attach/Pole	115.00	0.00	0.00	0.00	
UM2	2" Secondary Riser	EA	345.00	230.00	460.00	345.00	
UG6-100	1 Ph Padmount Deadend Transformer (100 kVA)	EA	488.75	342.70	0.00	0.00	
UG7-100	1 Ph Padmount Feed Through Transformer (100 kVA)	EA	488.75	342.70	0.00	0.00	
UM2-1 (1/0)	1 Ph 1/0 URD Riser 1/0	EA	586.50	342.70	0.00	0.00	
UM2-3 (1/0)	3 Ph 1/0 URD Riser 1/0	EA	1466.25	977.50	0.00	0.00	
UM 2-3 (500)	3 Ph 1/0 URD Riser 500 MCM	EA	2932.50	1955.00	2932.50	1955.00	
UM 2-3 (1000)	3 Ph 1/0 URD Riser 1000 MCM	EA	2932.50	1955.00	2932.50	1955.00	
USWGR PME-9	Switchgear PME-9 Equivalent	EA	690.00	488.75	0.00	0.00	
USWGR PME-11	Switchgear PME-11 Equivalent	EA	690.00	488.75	0.00	0.00	
			46525.89	32949.29	51006.12	#######	

Assume all wood pole installations to be drilled in soils that are good to average (no rock). Neutral spacing is greater than RUS standard for all construction units and is a minimum of 7' from pole top. Conductors shall be assumed to have a full size neutral.

KPUB reserves the right to negotiate standard terms and conditions and pricing with all awarded Repondent(s). Any contract(s) resulting from this solicitation process will be for services on an as-needed basis over the term of the contract. KPUB does not guarantee to use any awarded Respondent(s) for any minimum amount of work, any minimum percentage of work, or any minimum value of work. KPUB reserves the right to utilize any respondent for any work as deemed necessary.

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Brian Mikulencak

Date: January 14, 2021

Re: Agenda Item 8. C. – Approval and Reporting of Purchases and Sales: Sole Source Purchase—Substation Maintenance 2021-2024

Per our last discussion on Dec 16, 2020, the Board approved the current 2021 maintenance bid with LCRA to continue work as required, although the Board requested for us to look more into other contractors that would be able to come in and perform the maintenance at a lower price. We have talked with our Engineering Firm (Schneider) and they have dealt with customers like New Braunfels Utilities and have assisted in helping them prepare bids/etc. but did not have final billing costs from contractors to share with us. NBU is looking to see if contracting out some services would be worth the cost savings. NBU also uses LCRA mobile transformers.

We have also talked with City of Boerne, City of Georgetown, and CTEC and even though some have mentioned that LCRA has gone up on pricing, they are still using them at this point. We are finding out that most companies that use LCRA prefer to stay with them because of how much LCRA assists them in so many ways. It seems like only the large companies (PEC, GVEC, and BBEC) are the ones that can afford to do their maintenance in-house.

I have recently received one quote back from National Field Services (NFS) and have put together the numbers for you so you can see how they compare to LCRA. I have also added a list of services that LCRA does to assist us that benefits KPUB in many ways. Those items are extremely valuable to KPUB and should be considered as well in case LCRA would no longer perform them for us.

Switching from LCRA to NFS

Circuit Breaker Testing

LCRA	$ 4,400.00	
NFS	$ 6,952.00	
Delta	$ 2,552.00	LCRA savings per breaker
x 34 CB's	$ 86,768.00	LCRA savings over 5 yrs (When all CB's are to be tested by)

*This section equals a loss to go with NFS ---------- $17,353 (Loss per year)

XFMR, CS, LTC Testing

LCRA	$ 38,100.00	
NFS	$ 15,888.00	
Delta	$ 22,212.00	NFS savings per transformer
x 10 xfmrs	$ 222,120.00	NFS savings over 6 years (When all xfmrs are to be tested by)

*This section equals a saving to go with NFS ---------- $37,020 (Savings per year)

Infared Testing

LCRA	$ 300.00	
NFS	$ 3,341.00	
Deltal	$ 3,041.00	LCRA savings per substation
x 9 stations	$ 27,369.00	LCRA savings per year

*This section equals a loss to go with NFS ---------- $27,369 (Loss per year)

*This is the loss per year to go with NFS based on what they have quoted so far---------- $7,702 (Loss per year)

List of benefits of using LCRA that a contractor my not be able to provide:

- Technicians available 24/7 to trouble-shoot random alarms on transformers
- 30 min – 1-hour response time to respond to outages
- Some equipment used to be owned by LCRA and all the transmission is owned by them
- Transformer contacts and other replacement parts on hand, versatile on all of our transformers
- Switching Trained and knowledgeable of the system, assist as needed with certified lineman
- Work with CTEC who we also share a transformer with
- Own the substations, controls the security and access of them. Able to enter without us on-site
- Helps with trip/close operation checks
- Helps with UFLS operations and testing for North American Reliability Corporation (NERC) requirements (Federal)
- Their man-power/assistance helps relieve KPUB from hiring more employees
- Helps test Lock-out relays that control their transmission breakers
- Has fiber-optic crews to assist on fiber breaks/outages
- Owns mobile transformers and can be flexible with dealing with a mobile that may fail while in service
- Helps assist with varmint protection fencing and other animal protection
- Test transformer CT's that are part of their high-side protection scheme and help verify our NERC testing
- Test gloves, blankets and hot-sticks as needed

Based on pricing received from National Field Services, it appears that LCRA's pricing is reasonable. In addition, LCRA provides very significant value with the additional services that they offer KPUB.

At this point staff is happy to continue to reach out and find companies that could replace the work that LCRA does for us and we can continue to get quote/bids to have more information for you to compare the pricing with. We would also need to further assess the changes that will take effect of KPUB taking this work away from LCRA and find out how many services LCRA will no longer assist us with if we end this maintenance contract with them.

In December the Board approved the 2021 contract for $283,400 subject to further review.

Staff is recommending that the Board approve the four year agreement with LCRA for substation maintenance in the following amounts (see attached Exhibit A):

2021	$283,400.00
2022	$192,000.00
2023	$83,500.00
2024	$168,900.00
Total	727,900.00

Thank you,

Brian Mikulencak

KPUB Schedule (Exhibit A)

		2021			2022			2023			2024		
		Est. Quantity	Unit Price	Total Price	Est. Quantity	Unit Price	Total Price	Est. Quantity	Unit Price	Total Price	Est. Quantity	Unit Price	Total Price
1.0 Transformers													
	1.6 Transformer Testing	3	$ 21,200.00	$ 63,600.00	1	$ 21,200.00	$ 21,200.00	1	$ 21,200.00	$ 21,200.00	2	$ 21,200.00	$ 42,400.00
	1.6 Transfomer Oil Testing	10	$ 800.00	$ 8,000.00	10	$ 800.00	$ 8,000.00	10	$ 800.00	$ 8,000.00	10	$ 800.00	$ 8,000.00
2.0 Load Tap Changers													
	2.6 Load Tap Changer Testing	3	$ 8,700.00	$ 26,100.00	1	$ 8,700.00	$ 8,700.00	1	$ 8,700.00	$ 8,700.00	2	$ 8,700.00	$ 17,400.00
	2.6 LTC Oil Testing	10	$ 800.00	$ 8,000.00	10	$ 800.00	$ 8,000.00	10	$ 800.00	$ 8,000.00	10	$ 800.00	$ 8,000.00
4.0 Circuit Breakers													
	4.7 Circuit Breaker Trip/Close	34	$ 400.00	$ 13,600.00	34	$ 400.00	$ 13,600.00	34	$ 400.00	$ 13,600.00	34	$ 400.00	$ 13,600.00
	4.7 Circuit Breaker Testing	13	$ 4,400.00	$ 57,200.00	11	$ 4,400.00	$ 48,400.00	0	$ 4,400.00	$ -	10	$ 4,400.00	$ 44,000.00
6.0 Circuit Switchers													
	6.6 Circuit Switcher Trip/Close	10	$ 1,000.00	$ 10,000.00	10	$ 1,000.00	$ 10,000.00	10	$ 1,000.00	$ 10,000.00	10	$ 1,000.00	$ 10,000.00
	6.6 Circuit Switcher Testing	3	$ 5,400.00	$ 16,200.00	1	$ 5,400.00	$ 5,400.00	1	$ 5,400.00	$ 5,400.00	2	$ 5,400.00	$ 10,800.00
7.0 Switches and MOS													
**	7.04 138kV Switches	10	$ -	$ -	10	$ -	$ -	10	$ -	$ -	10	$ -	$ -
10.0 Relays and Controls													
	10.6 Relay: Transformer	9	$ 2,000.00	$ 18,000.00	3	$ 2,000.00	$ 6,000.00	3	$ 2,000.00	$ 6,000.00	6	$ 2,000.00	$ 12,000.00
	10.6 Relay: Circuit Breaker	0	$ -	$ -	0	$ -	$ -	0	$ -	$ -	0	$ -	$ -
***	10.7 Relay: Lockout	3	$ -	$ -	1	$ -	$ -	1	$ -	$ -	2	$ -	$ -
14.0 Thermography													
	14.2 Substations	9	$ 300.00	$ 2,700.00	9	$ 300.00	$ 2,700.00	9	$ 300.00	$ 2,700.00	9	$ 300.00	$ 2,700.00
Miscellaneous													
*	Mobile Transformer Install and Remove (with all	1	$ 50,000.00	$ 50,000.00	1	$ 50,000.00	$ 50,000.00	0	$ 50,000.00	$ -	0	$ 50,000.00	$ -
*	Mobile Transformer Daily Rental Fee	4	$ 2,500.00	$ 10,000.00	4	$ 2,500.00	$ 10,000.00	0	$ 2,500.00	$ -	0	$ 2,500.00	$ -
	Mobile Transformer Other			$ -			$ -			$ -			$ -
			2021 Total	*$ 283,400.00*		*2022 Total*	*$ 192,000.00*		*2023 Total*	*$ 83,600.00*		*2024 Total*	*$ 168,900.00*
			Note: Bidders should provide price quote for Mobile Transformer even if estimated quantity is zero.										
												Maintenance Total	$ 607,900.00
												Estimated Mobile Fees	*$ 120,000.00*
												Budgetary 4 Year Total	**$ 727,900.00**

* Note: Mobile installation and removal costs, as well as the daily useage fee are governed by the Mobile Installation Agreement dated 9/16/2020 and the Memorandum of Understanding between LCRA TSC and Kerrville Public Utility Board executed 9/22/2020, and any subsequent amendments, revisions or new agreements. The current daily mobile rental rate is $2,500 per day. The installation and removal costs are estimates only. Costs will be based on the current prevailing rates, and assume work will be coordinated to to both substations back-to-back.

** Only doing switches of the transformers being worked on in that given year; All others will be done at cost plus and are not included in the bid above.

*** Pricing for 10.7 is included in 1.6

Submitted by LCRA, 11/24/2020

By Bill Jerram
LCRA Transmission Acct Mgr

NAT'L FIELD SERVICES™

performance by design℠

natlfield.com
Corporate Headquarters:
651 Franklin Street, Lewisville, TX 75057
(800) 300-0157 toll free | (972) 420-0552 fax

January 12, 2021

Brian Mikulencak
Substation Project Coordinator
Kerrville Public Utility Board
2250 Memorial Blvd
Kerrville, Texas 78028
(830) 792-8278
bmikulencak@kpub.com

QUOTE# Q - 00017116 - 4 Yr. Maintenance Contract

Dear Brian,

National Field Services is pleased to submit the following quote for performing on-site preventative maintenance and testing services on your electrical power system.

1.0 EQUIPMENT SUMMARY

(1) Testing of Substation Transformer, Transformer Relay, Circuit Switcher, and Transformer Testing

(1) Substation Circuit Breaker and Circuit Breaker Relay

(1) Load Tap Changer and Oil Testing

(1) Thermography per Substation

2.0 PERFORMANCE & PRICE

National Field Services will provide all labor and equipment to perform preventative maintenance on the equipment listed in Part 1 above. All inspection and test procedures for the above equipment are outlined in Part 3 below. We will be on-site one-half hour before your scheduled outage to setup our equipment.

National Field Services would work 8 hour work days.

FIRM PRICE (MONDAY – FRIDAY)

Price estimate includes all material, manpower and related travel and living expenses to perform the scope of services outlined above. To secure an outage date or to mobilize a field service team, National Field Services requires a written purchase order.

Services

Line	Qty	Description	Net Price	Extended
1	1	(1) Testing of Substation Transformer, Transformer Relay, Circuit Switcher, and Oil Testing	$9,688.00	$9,688.00
2	1	(1) Substation Circuit Breaker and Circuit Breaker Relay	$6,952.00	$6,952.00
3	1	(1) Load Tap Changer and Oil Testing	$6,200.00	$6,200.00
4	1	(1) Thermography per Substation	$3,341.00	$3,341.00

3.0 INSPECTION AND TESTING PROCEDURES

Maintenance and testing will be completed in accordance with the most current version of the NETA MTS standard unless otherwise specified with the following clarifications or exceptions:

4.0 TERMS AND CONDITIONS

Work performed by National Field Services will be in accordance with these Terms & Conditions:

1. All proposals are valid for 30 days and do NOT include applicable taxes unless otherwise noted.
2. Invoices will be paid from the date of the invoice (NET 30 Days).
3. The customer shall provide an electrician or engineer, familiar with the distribution system, and shall be available during the maintenance period. They will be responsible for disconnecting and re-energizing all equipment, including performing all switching tasks, unless other arrangements have been made and approved by NFS and the customer.
4. Unless specified in proposal, it is assumed that the customer will provide electrical power sufficient enough to power NFS testing equipment (100 amps single phase).
5. Unless specified in proposal, it is assumed that all weekend work is to be schedule for a non-holiday weekend and all travel is to be done during normal M-F straight-time hours.
6. Utility service disconnect, or re-energizing, is to be schedule by the customer so the plant, building, and/or facility(s) electrical equipment is readily available for maintenance without delay. National Field Services is not responsible for customer system switching.
7. Unless specified in proposal, no city or local agency fees associated with the disconnect of electrical services is included and all fees are the responsibility of the customer.
8. NFS has included in our proposal 30 minutes per technician for plant specific safety training prior to the start of each project. Unless specified in our proposal, any plant specific training required beyond this will be considered as out of scope services and charged at prevailing rate sheet rates.

9. Schematics, One-line and Wiring Diagrams for electrically operated equipment are the responsibility of the customer. If we are required to create and/or provide, a fee will be assessed for the service.
10. Missing hardware will be replaced when readily available. Repairs to equipment, and replacement of parts or equipment are not included in the quoted price unless specifically called out. Any such repairs or replacement will be considered out-of-scope work and negotiated separately.
11. Above pricing is all based on the quantities outline in the Part 1 equipment list, if actual quantities are different, or should be increased by the client representative, then additional quantities will be considered as out-of-scope and subject to time and material billing at our published rate sheet pricing.
12. Upon completion of the maintenance inspection/testing program, an Engineering Report will be provided to the customer within 30 days, for their records and future reference. The report will include condition and test data with a summary of specific recommendations for maintenance or replacement of components or apparatus.
13. Extensive delays due to circumstances beyond the control of National Field Services will be subject to additional billing.
14. A mobilization charge will be assessed if a project is canceled within 48-hours of the scheduled start-time of the job. Charges are limited to only non-refundable expenses that National Field Services may incur as result of mobilization for this project such as airfare, labor expenses for travel or equipment load-up, rental equipment, etc.
15. A minimum invoice charge of 8 labor hours will be applied for any callout and mobilization of field service technician.
16. For job site safety National Field Services will provide a second billable technician on all troubleshooting and testing jobs. This requirement will be waived if the customer agrees to provide a dedicated safety person.
17. Weather Cancellations – National Field Services assumes no financial responsibility for project cancellations or delays due to weather related issues. If a project is canceled due to weather, National Field Services will bill the project-completed work on a Time & Material basis plus expenses.
18. At the customer's request National Field Services will perform certain maintenance tasks that may be performed during normal plant operations. National Field Services will follow industry generally accepted safe work practices when performing these task, however the customer understands that there is a certain element of risk to power interruption when performing such tasks and agrees to hold harmless National Field Services from any financial consequences resulting from such a power interruption.
19. NFS safety procedures require PPE for all switching and energized work over 50V. Unless specified within the proposal, all equipment switching and disconnect/drawout will be consider as out of scope and subject to additional billing.

5.0 CUSTOMER ACCEPTANCE

National Field Services has been requested to perform the above noted services. This work authorization, per subject terms & conditions contained within the document, forms the basis of the contract with National Field Services.

Authorization/Purchase Order Number: _____

Billing Address: _____

_____

_____

Customer Signature: _____

Thank you for the opportunity to be of service. If you have questions or need clarification, don't hesitate to contact me.

Danny Granillo
Business Development Manager
(512) 649-3569
(972) 420-0552 fax
danny.granillo@natlfield.com

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Ricardo Berrios Jr.

Date: January 13, 2021

Re: Agenda Item No. 8D—Approval and Reporting of Purchases and Sales

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Presented for your consideration and review are these recommendations for the purchase and/or sale of goods or services.

A. Bid No. 2831—Request for Proposal Capacitor Controls. Staff is recommending that this purchase be awarded to the lowest bidder, K.D. Johnson, representing Schweitetzer Engineering Laboratories (SEL), for a total of $127,585.00 for 34 SEL-734W capacitor controls. The companies that participated in the bid were KD Johnson (representing SEL), Irby (representing Eaton), and Preister Mell and Nicholson (PMN) (representing S&C). The Schweitzer 3-Phase capacitor control includes 3 wireless sensors, one for each phase and a power supply. The Irby and PMN bids would require KPUB to purchase and install two additional sensors at each of the 34 locations. These capacitor controls will replace our obsolete Canon/Yukon capacitor controls and help us to continue to operate our distribution system efficienty. The $127,585.00 will come out from the $350,000.00 that has been budgeted for the DA Automation project for this year.

Please let me know if you have any questions or concerns.

Sincerely,

Ricardo Berrios Jr

Ricardo Berrios Jr.
Interim Manager of Engineering

KERRVILLE PUBLIC UTILITY BOARD
Safety. Our Way of Life.
2250 Memorial Blvd • P.O. Box 294999 • Kerrville, Texas 78029-4999 • 830-257-3050

Request for Proposal
Capacitor Controls

Kerrville Public Utility Board (KPUB) is seeking sealed Proposals for RFP 2831 due 1/12/2021 before 5 pm, to upgrade capacitor controls on it's 7,200/12,470V Distribution System.

The capacitor controls will need to interface with existing capacitor switches like Cooper/Eaton, Maysteel, and McGraw. The main function of the capacitor control is to trip (open) and close (connect) a capacitor bank's connection to the primary distribution line, as needed, to maintain or increase the power factor on the distribution circuits. KPUB is currently using the Cooper/Eaton Yukon program that remotely instructs the capacitor control to open or close based on the power factor at the substation. Yukon also provides power factor readings on the individual feeders along with the overall total at each substation. With the new capacitor controls, KPUB would prefer to have the capability of having its Survalent SCADA System monitor power factor and centrally control the capacitors.

Specification Requirements:

The capacitor bank control needs to DNP3 Level 2 compliant and easily communicate through the Landis & Gyr AMI system, and SCADA to enhance efficiency and power quality. The control needs to be furnished with a 4-pin control cable that will supply 125V to the control and can be mounted on a meter socket or attach directly to the pole.

The capacitor controls must have the following automatic control strategies:

- Remote Operation
- Voltage Control
- kVAR Control
- Time Schedule Base Control
- Power Factor Control
- Current Control
- Line current or voltage inputs

The capacitor controls should also provide the following features:

- DNP3 communications for remote SCADA control and monitoring.
- Front-panel displays and LEDs that indicate the state of the controller.
- Front-panel configuration.
- Load profile, harmonic metering, and Sequential Events Recorder (SER).
- Separate close and open delay timers for different control strategies.
- Logic to detect long-term unstable conditions (known as hunting) and disable automatic control.
- Adaptive voltage and kVAR processing to adjust capacitor switching thresholds and minimize hunting.
- Delay between operations to minimize the chance of short-term hunting.
- Manual control of the capacitor switch.
- Integrated 15 Vdc power supply for accessories (optional).

On the estimate, please provide the cost for the following items:

- Number of Capacitor Controls require: 34 totals
- Three sensors for each control: 3*34 = 102
- Ground Sensor (optional): 34
- Program (if require)
- Etc.

In addition to price, KPUB may consider other factors such as functionality, ability to interface with existing KPUB systems, cost to install, vendor reputation and experience, and other factors in the evaluation and selection of proposals.

Please provide any additional information on the capacitor control if needed. KPUB requires the vendor to provide technical support to assist with the programming and installation until all the capacitor controls are working correctly. If you have any questions, please call Ricardo Berrios Jr. at (830) 792-8226 or Damon Richardson (830) 792-8239.

Thank you,
Ricardo Berrios Jr.
Interim Manager of Engineering

BID OPENING LOG SHEET

Reference Bid Document 2831 Closed 1-12-21- 5:00 pm

Bid Opening Date & Time:

Company Name	Representative Signature	Bid Amount	Exceptions noted	Comments
KD Johnson	N/A	$127,585.00		Getting Confirmation on 3 Sensors & Power Supply
Irby	n/a	173,858.05		Emailed Bid
PMN Priester Mell Nicholson	N/A	122,978.00	only 1 Sensor with 3 = $179,078.00	Emailed Bid
Techline		No Bid		

Witness: Brian Mikulencak

Damon Rester Jr.

Witness: Richard Bowen

SCHWEITZER ENGINEERING LABORATORIES

K D JOHNSON INC

Created Date	12/30/2020	Quote Number	00047995
Account Name	City of Kerrville	Expiration Date	3/31/2021
Sold To Contact	Damon Richardson	Prepared By	Scott Blackerby
Sold To Contact Email	drichardson@kpub.com	Sold To Sales Channel	KD Johnson
Sold To Contact Phone	(830) 792-8239		Quotes@kdjinc.com

RFP 2831 Capacitor Controllers

Part Number	Description	Sales Price	Quantity	Total Price
734#8BD7	SEL-734W Capacitor Bank Control	USD 3,752.50	34.00	USD 127,585.00
		Grand Total		USD 127,585.00

Lead Time

Ship-from-stock models: typically ship within 2 business days
Relays and communication products: typically ship within 5-13 business days
Accessories and cables: typically ship within 3-7 business days
Enclosure products: typically ship within 10-15 business days
Faulted-Circuit indicators and sensors: typically ship within 20-40 days

Lead time will be confirmed after the receipt of a complete purchase order and can be subject to change due to special situations at the time of order processing. Previously listed lead times do not include delivery time.

End User

All submitted purchase orders must contain valid and complete end-user information, including full address. Incomplete or invalid information may delay the processing of the purchase order.

Freight

Prices include ground freight prepaid within the 48 contiguous United States via SEL's preferred carrier. Buyers may request expedited delivery service at their expense by submitting a collect account or by including added charges to their invoice. Orders with multiple items may be shipped from multiple locations and may arrive in more than one delivery.

Manuals

Equipment manuals are provided free on CD with relays. If a hard copy manual is required, this should be specified at the time of order as a separate line item and may be subject to freight charges.

Warranty

SEL is pleased to offer our 10-Year Product Warranty. Please visit https://selinc.com/company/quality/. Third-party products included in this Quote are not covered by SEL's warranty. SEL will pass on the original manufacturer warranty to the Buyer if possible.

Payment Terms

Net 30 or per the approved credit terms with SEL. SEL may require additional credit information or prepayment prior to acceptance of a purchase order if credit terms have not been established or are insufficient to cover this purchase.

SEL-734W and SEL-8340

Capacitor Bank Control and Wireless Current Sensor

Improve distribution power quality and efficiency with advanced capacitor bank control and wireless current sensing

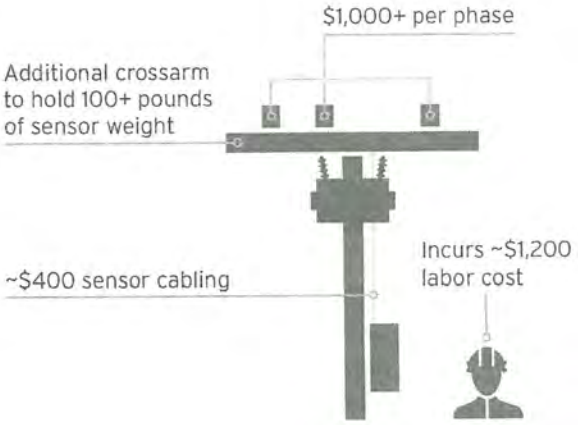
- Easily install the SEL-734W and SEL-8340 sensors with new capacitor banks, or upgrade traditional installations without the difficulty of installing line post sensors.
- Control capacitor banks using current and reactive power for more accurate switching than time- and temperature-based controls.
- Mount sensors closer to your inductive loads, not just at the control.
- Stock one wireless sensor for all your capacitor bank installations, with support for voltages up to 38 kV.

SEL

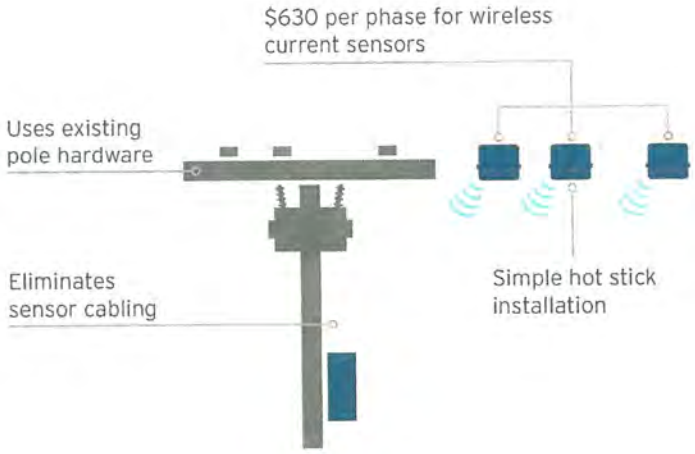
Applications

New or Retrofit Capacitor Bank Installations

Implement the SEL-734W and SEL-8340 solution quickly and easily to add advanced control for existing time- and temperature-based installations or new capacitor banks. The lightweight current sensors install on an overhead distribution line using a single hot stick. There is no need for an outage or significant hotline work.



Traditional Installation



SEL-734W Capacitor Bank Control and SEL-8340 Wireless Current Sensor Solution

Increased Accuracy With Up to Three Sensors

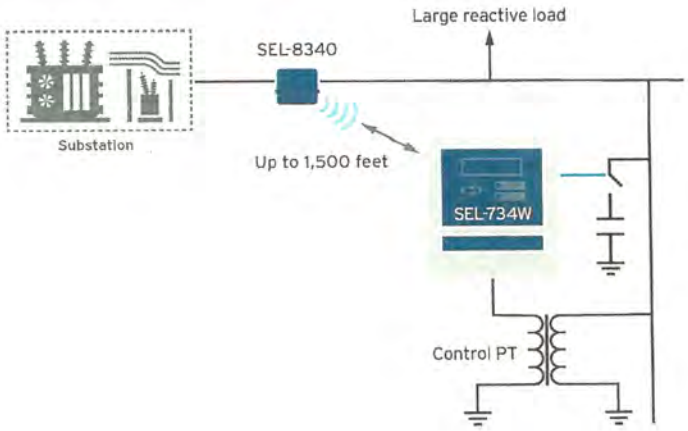
Use up to three SEL-8340 wireless sensors to measure current with ±1 percent accuracy and within a 1-degree phase angle. The SEL-734W uses the sensor data to compute reactive power, make switching decisions, and create load profiles.

Power Quality Monitoring

Improve power quality and address customer concerns with advanced monitoring features, such as harmonic measurements, load profile trending, and voltage sag, swell, and interruption (VSSI) recording.

Location Flexibility

Use the SEL-8340 sensors to measure line current at one point of the distribution system while operating a capacitor bank at a nearby point on the system. This is ideal for situations where the capacitor bank is not near the inductive loads.



SALES TERMS FOR
SCHWEITZER ENGINEERING LABORATORIES, INC.

1. General Terms. These sales terms ("Terms") shall govern all sales of Products and Services to Buyer by Schweitzer Engineering Laboratories, Inc. ("SEL, Inc."), its affiliates, subsidiaries, and/or divisions, (collectively, "SEL"), unless other terms are specified in SEL's quotation or sales order acknowledgment or unless otherwise agreed by SEL, Inc. in writing. All sales are expressly limited to these Terms and are conditional on Buyer's assent to these Terms. Buyer's assent to these Terms shall be deemed given upon the occurrence of any of the following: (i) Buyer's failure to object to these Terms in writing within three (3) days from the date of its receipt of them, (ii) Buyer's issuance of a purchase order, or (iii) Buyer's acceptance of delivery of Products or Services. SEL expressly objects to any additional or different terms proposed by Buyer, unless expressly agreed to in writing by SEL. For the purposes of these Terms and unless stated otherwise, "Products" shall mean the products manufactured by SEL, including SEL systems or control enclosure structures, specified on the SEL sales order acknowledgment, including without limitation any accessories, enclosed documentation and embedded software; and "Services" shall mean any SEL training, consulting, technical support and any other services specified on the SEL sales order acknowledgment, except for projects governed by an SEL Engineering Services Proposal. SEL may modify these terms at any time without prior notice provided that no such modification shall apply in respect of any order for products or services which has been accepted by Seller prior to the modification(s). The latest version of the Terms will be posted on SEL's website at www.selinc.com/termsandconditions/unitedstates, and Buyer should review these Terms prior to purchasing any Products or Services. No contract will be deemed to be formed until the SEL sales order acknowledgment has been sent to Buyer, and all orders are subject to SEL's ability to obtain, on appropriate terms and within a reasonable amount of time, any export or import license or permit required by applicable law or regulation. SEL shall have the right to cancel any order at any time for failure of Buyer to agree to these Terms or for any material breach by Buyer of these Terms, including without limitation failure to pay any amounts due, violation of the then-current SEL Software License Agreement or noncompliance with the then-current SEL credit requirements.

2. Prices, Taxes and Payment Terms. Prices shall be the prices in effect on the date of the SEL sales order acknowledgment, and are subject to change without notice. Each quotation or proposal is valid for sixty (60) days from its date, unless specified otherwise. For sales to Buyers within the continental United States, prices include ground freight prepaid to Buyer's place of business. For sales to Buyers outside the continental United States, prices are exclusive of any freight, packing or insurance charges and any customs, sales, use, value-added, property or similar taxes, tariffs or duties unless specified otherwise by SEL. For Services performed on a time and expense basis, charges shall include time and expenses incurred in the previous calendar month. For Services performed on a fixed-price basis, charges shall include the price of major deliverables substantially completed in the previous calendar month. For Services, additional charges may result from modifications to the desired Services or from unforeseen conditions. Payment terms for all Products and Services are net thirty (30) days from date of invoice. All payments shall be made in United States Dollars, unless specified otherwise. Buyer must meet the then-current SEL credit requirements to purchase on credit. If, in the judgment of SEL, the financial condition of Buyer at any time prior to delivery does not justify the payment and/or credit terms offered by SEL, SEL may require payment in advance or postpone or cancel any outstanding order, whereupon SEL shall be entitled to receive reasonable cancellation charges. Delays in delivery or non-conformities in any installments shall not relieve Buyer of its obligation to pay any remaining installments. SEL may, at its sole discretion, impose a late charge equal to the lesser of 1.5% per month or the highest applicable rate allowed by law on all amounts not paid when due. Any payment made by Buyer shall be applied to amounts due before being applied to current orders, at SEL's sole discretion. Notwithstanding the foregoing, Buyer's failure to pay amounts due shall be deemed a material breach of these Terms, and any acceptance by SEL of late payments shall not be deemed a waiver of such breach. To the extent allowed by law, SEL shall be entitled to recover all costs incurred in collecting amounts due from Buyer, including without limitation legal fees and other costs (including without limitation disbursements).

3. Delivery, Documentation and Disclosure of Information. Delivery dates are approximate, based upon prompt receipt of all necessary information from Buyer and do not constitute a contractual obligation. If drawing approval is required, drawings must be returned on schedule to maintain estimated shipping dates. SEL shall pack and ship Products according to its standard procedure, and all shipments shall be sent to Buyer using the SEL standard freight forwarder or carrier. Buyer shall pay for any increased costs due to special packing, shipment (including freight forwarders or carriers required by Buyer) or insurance requests, as well as any detention charges. Unless otherwise stated in the SEL sales order acknowledgment, the shipping terms are as stated herein. For Products shipped to addresses within the continental United States, title and risk of loss or damage shall pass to Buyer upon delivery to Buyer's place of business. Buyer must unpack and examine Products immediately and, if damage is discovered, (i) maintain Products at the place of examination, (ii) retain the shipping container and packing material, (iii) notify the carrier of any apparent damage in writing on carrier's delivery receipt and request carrier to make an inspection, (iv) notify SEL within three (3) days of delivery and (v) send SEL a copy of carrier's inspection report. For Products shipped to addresses outside the continental United States, title and risk of loss or damage shall pass to Buyer at the SEL factory upon delivery to the freight forwarder or carrier, and Buyer shall have a reasonable time after receipt of Products to inspect and reject or accept Products. In any event, acceptance shall be deemed to have occurred no later than fifteen (15) days after shipment. Buyer may not return any Product without prior written consent of SEL. When applicable, SEL shall provide Buyer with one (1) copy of instructions for each Product. Buyer may not reproduce such instructions. Buyer may order additional copies from SEL. All instructions and related documentation shall be in English. Although SEL or its representatives may from time to time provide translations of such instructions and documentation as a courtesy, the English version shall govern in the event of, and SEL shall not be liable for, any discrepancies. The English versions are available at selinc.com. Any information, suggestions or ideas transmitted by Buyer to SEL in connection with performance hereunder shall not be regarded as proprietary or confidential, unless identified in writing by Buyer and acknowledged in writing by SEL.

discretion, exchange the Product with a non-infringing Product, acquire the right for Buyer to continue using it, modify it so that it becomes non-infringing or repurchase it from Buyer for a fair portion of the original price. SEL shall not be liable for damages that arise after SEL offers one of the foregoing remedies in good faith. SEL shall not be liable for any patent infringement claim arising from any custom Product, modification of any Product, integration of any Product not as intended by SEL, or integration of any Product with any non-SEL product, and Buyer shall fully indemnify, defend and hold harmless SEL and all related parties from and against any such patent infringement claim.

8. Transfer to End-User Other Than Buyer. Prior to resale of any Product, Buyer shall obtain written authorization from SEL for any such resale. To obtain such authorization, Buyer shall provide SEL, initially and on an ongoing basis, with complete and accurate end-user data for each Product. Buyer shall provide the end-user of each Product with all product notices, warnings, instructions, recommendations, bulletins and similar materials provided directly or indirectly by SEL. In the event Buyer transfers to a third party any Product or any right or interest therein, Buyer shall indemnify, defend and hold harmless SEL and all related parties from and against any claims against SEL in excess of any SEL obligations under these Terms by such transferee or any other party. Any assignment or transfer of any Product without prior written authorization from SEL shall void the SEL warranty. Buyer may not assign or transfer any Product where such assignment or transfer would violate any applicable export laws, regulations or orders. Buyer warrants that the shipping information is true and accurate to the best of their knowledge. The attempted assignment or transfer by Buyer of these Terms or any rights or duties hereunder without prior written consent of SEL shall not relieve Buyer of any obligations to SEL.

9. Contract Variations. If Buyer requires approval of drawings, such approval must be received by SEL no later than ten (10) working days after submittal of drawings by SEL to Buyer. Buyer's failure to comply with this requirement may result in additional costs and delays, which shall be Buyer's sole responsibility. Where Buyer's specifications lack sufficient detail, SEL reserves the right to design Products in accordance with good commercial practice, as determined at the sole discretion of SEL. If at any time Buyer makes changes to its design specifications, the SEL sales order acknowledgment shall be subject to renegotiation of price terms and delivery to reasonably cover any resulting costs or delays. Any order may be terminated by Buyer only upon written notice and payment of reasonable termination charges, including without limitation a reasonable restocking fee plus all costs incurred up to the date of termination. Any order delayed at Buyer's request shall be subject to the prices and Terms in effect at the time of release of such delay. Any such order delayed beyond a reasonable period (as determined in SEL's sole discretion) shall be treated as a Buyer termination, and Buyer shall be responsible for reasonable delay and termination costs.

10. Governing Law and Dispute Resolution. The laws of the State of Washington, USA, excluding conflict of laws principles, shall govern these Terms. The parties reject any applicability of the United Nations Convention on Contracts for the International Sale of Goods. Any controversy or claim arising out of or relating to these Terms, or the breach thereof, shall be settled by binding arbitration administered by the American Arbitration Association in accordance with its Commercial Arbitration Rules, and judgment on the arbitration award may be entered in any court of competent jurisdiction. Arbitration shall be held in Seattle, Washington, or another location agreed upon by the parties, and shall be conducted in English. The prevailing party to any dispute shall be entitled to recover legal fees and other costs (including without limitation arbitration fees, disbursements, and collection costs).

11. Miscellaneous. These Terms, including the SEL Software License Agreement and SEL sales order acknowledgement, constitute the entire agreement between SEL and Buyer, and supersede any prior or contemporaneous verbal or written agreements, negotiations, commitments, representations or correspondence between the parties, including without limitation any terms on any purchase order form. SEL rejects any representation, express or implied warranty, course of performance or dealing, trade usage or any different or additional terms not set forth herein. SEL reserves the right to modify or revoke any quote or order to comply with applicable laws and market conditions. Any notice pursuant to these Terms shall be deemed given when sent by registered mail, certified mail (return receipt requested), overnight delivery, or fax (receipt confirmed) to an authorized officer at the address or fax number listed on the SEL sales order acknowledgment or, if no such address or fax number is provided, at the registered headquarters of the other party. All rights and duties hereunder shall be for the sole and exclusive benefit of Buyer and SEL, and not for the benefit of any other party. SEL may perform its obligations hereunder personally, or through one or more of its affiliates or subsidiaries, although SEL shall nonetheless be solely responsible for the performance. No failure or delay by either party in exercising any right or remedy, or insisting upon strict compliance by the other party with any obligation in these Terms, shall constitute a waiver of any right thereafter to demand exact compliance with these Terms. The invalidity, in whole or part, of any provision in these Terms shall not affect the remainder of such provision or any other provision and, where possible, shall be replaced by a valid provision that effects as close as possible the intent of the invalid provision. Neither party shall be liable for failure to perform or delay in performance of any obligation under these Terms (except payment of amounts already due and owing) where such failure or delay results from any event beyond its reasonable control.

Damon Richardson

From: Scott Blackerby <scott_blackerby@kdjinc.com>
Sent: Wednesday, January 13, 2021 1:53 PM
To: Damon Richardson
Cc: Ricardo Berrios Jr.; Brian Mikulencak; Paul Thomas; Quotes
Subject: RE: Capacitor Control RFP 2831

Hi Damon – Yes to your question. The quoted configuration of 734#8BD7 does include the 3 sensors and power supply as shown in the below graphic.

734#8BD7

Price: $3,800.00 USD

Typically Ships in 7 Days

Compact Enclosure/4-Jaw Socket With Sensors

- Compact (12" x 10") socket-based outdoor enclosure
- Supports control PT input and ganged control output
- Includes three SEL-8340 Wireless Current Sensors
- Includes integrated 15 Vdc, 40 W accessory power supply

Please let us know if further information is needed. Thanks.

Scott Blackerby
Industrial Sales
K D Johnson Inc.
100 W Collin St - PO Box 1387
Leonard, TX 75452
Office: 903-587-3373
Cell: 903-815-6021
Fax: 903-587-2509
Scott_Blackerby@kdjinc.com
www.kdjinc.com

From: Damon Richardson <drichardson@kpub.com>
Sent: Wednesday, January 13, 2021 1:41 PM
To: Scott Blackerby <scott_blackerby@kdjinc.com>
Cc: Ricardo Berrios Jr. <rberrios@kpub.com>; Brian Mikulencak <bmikulencak@kpub.com>
Subject: RE: Capacitor Control RFP 2831

Scott, can you confirm your bid comes with all 3 sensors and power supply. You can respond by email or change up the cover sheet and send that.
Thank you,

Damon Richardson
Purchasing Agent and Facility Maintenance
Kerrville Public Utility Board
2250 Memorial Blvd.
Kerrville Tx. 78028
830-792-8239

Receiving hours: Monday thru Thursday 8am -12 noon and 1pm -3pm.
Friday 8am -12 noon.

From: Scott Blackerby <scott_blackerby@kdjinc.com>
Sent: Wednesday, December 30, 2020 4:18 PM
To: Damon Richardson <drichardson@kpub.com>
Cc: Brian Mikulencak <bmikulencak@kpub.com>; Paul Thomas <paul_thomas@kdjinc.com>; Quotes <Quotes@kdjinc.com>
Subject: RE: Capacitor Control RFP 2831

The sealed bid has been placed in the mail. USPS tracking is 70201810000075635717.

Thanks.

Scott Blackerby
Industrial Sales
K D Johnson Inc.
100 W Collin St - PO Box 1387
Leonard, TX 75452
Office: 903-587-3373
Cell: 903-815-6021
Fax: 903-587-2509
Scott_Blackerby@kdjinc.com
www.kdjinc.com

From: Damon Richardson <drichardson@kpub.com>
Sent: Wednesday, December 30, 2020 2:21 PM
To: Scott Blackerby <scott_blackerby@kdjinc.com>
Cc: Brian Mikulencak <bmikulencak@kpub.com>; Paul Thomas <paul_thomas@kdjinc.com>; Quotes <Quotes@kdjinc.com>
Subject: RE: Capacitor Control RFP 2831

Yes, standard form would be fine.
Damon

From: Scott Blackerby <scott_blackerby@kdjinc.com>
Sent: Wednesday, December 30, 2020 2:20 PM
To: Damon Richardson <drichardson@kpub.com>
Cc: Brian Mikulencak <bmikulencak@kpub.com>; Paul Thomas <paul_thomas@kdjinc.com>; Quotes

Damon Richardson

From: JOHNSON Ryan <ryan.johnson@irby.com>
Sent: Tuesday, January 12, 2021 4:35 PM
To: Damon Richardson
Cc: JOHNSON Ryan; BOYD Tom; MEYER Andy
Subject: RE: Capacitor Control RFP 2831
Attachments: RFP 2831 Cap Controls.pdf

Damon,

Please see our submission for Capacitor Control RFP 2831. Let me know if you have any questions.

Thanks,

Ryan Johnson
Inside Sales Customer Service
irby
A Sonepar Company
Cell: 512-787-8288

From: Damon Richardson <drichardson@kpub.com>
Sent: Wednesday, December 30, 2020 1:00 PM
To: Damon Richardson <drichardson@kpub.com>
Subject: Capacitor Control RFP 2831

Please see attached RFP for sealed bid.

Damon Richardson
Purchasing Agent and Facility Maintenance
Kerrville Public Utility Board
2250 Memorial Blvd.
Kerrville Tx. 78028
830-792-8239

Receiving hours: Monday thru Thursday 8am -12 noon and 1pm -3pm.
Friday 8am -12 noon.

Request for Proposal 2831
Capacitor Controls

Irby is uniquely qualified to provide the most robust solution for this project. Irby employs local account management, local internal sales support, and local technical field support to ensure a successful deployment. Additionally, Irby is providing both a material bid per the RFP requirements and an additional option that provides a total solution which minimizes installation labor costs. This solution provides the greatest value to KPUB for future site enhancements.

the irby advantage

irby
A Sonepar Company

welcome to irby

An industry leader for nearly a century

Back in 1926, Irby set out with the vision of helping build the infrastructure that would bring electricity to the rural South.

Throughout the decades, Irby grew steadily by providing the electrical products and services needed to power an ever-expanding nation. Today, Irby is one of the nation's leading electrical distributors, with nearly 1000 employees and nationwide coverage.

As a Sonepar company, Irby is part of the largest electrical distributor in the world. Sonepar, an independent, family-owned company, is a global leader in business-to-business distribution of electrical products and related services. Since its founding in 1969, Sonepar has grown to employ more than 45,000 associates in 44 countries on five continents.

With the backing of Sonepar, Irby can provide a scalability that few companies can match, offering a keen understanding of the individual markets we serve combined with the resources of an international leader in the industry.

footprint

Utility Locations

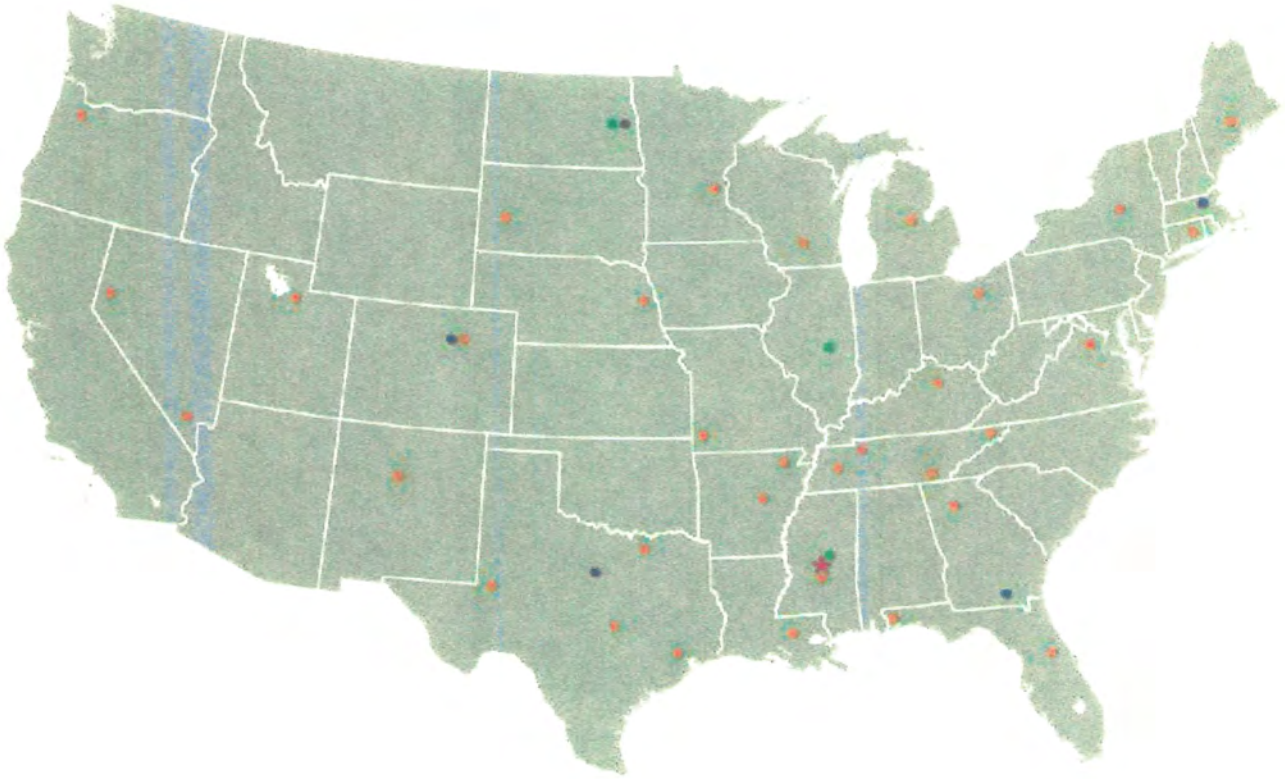
- Jonesboro, AR
- Little Rock, AR
- Denver, CO
- New Haven, CT
- Pensacola, FL
- Orlando, FL
- Atlanta, GA
- Baton Rouge, LA
- West Boylston, MA
- Waterville, ME
- Mt. Pleasant, MI
- Minneapolis, MN
- Neosho, MO
- Jackson, MS
- Omaha, NE
- Albuquerque, NM
- Syracuse, NY
- Las Vegas, NV
- Reno, NV
- Portland, OR
- Rapid City, SD
- Chattanooga, TN
- Jackson, TN
- Johnson City, TN
- Nashville, TN
- Bastrop, TX
- Corinth, TX
- Fort Worth, TX
- Houston, TX
- Odessa, TX
- Salt Lake City, UT
- Fredericksburg, VA
- Madison, WI

Test Labs

- Denver, CO
- Lake Park, GA
- West Boylston, MA
- Fargo, ND
- Fort Worth, TX

Tool Repair Shops

- Shelbyville, IL
- Fargo, ND
- Jackson, MS



★ Corporate Office
Jackson, MS

utilities

Comprehensive capabilities for today's utility industry

There's good reason why Irby has become one of the nation's largest utility distributors. A service and solutions provider, Irby Utilities gives you the industry's most comprehensive inventory, combined with a proven track record of outstanding service and a team of experts ready to put their knowledge to work for you.

Irby's Utility Division services all utility business segments—generation, transmission, distribution, substation, renewable energy, gas and broadband communications. As a result, we understand the industry from generation to end user.

Irby offers a complete portfolio of products from the industry's leading manufacturers, as well as a full range of value-added services. Equally important, Irby puts the expertise of industry specialists at your fingertips—in distribution and power design, metering and lighting design, automation and more.

Irby Advantage: technical sales expertise in utilities

- **Local inside, counter and outside sales**
- **Automation control specialists**
- **Distribution equipment & power design specialists**
- **Metering specialists**
- **Lighting design specialists**
- **National account management**
- **24 Hour emergency response personnel**
- **Customized eCommerce specialists**
- **Communication RF & Fiber Design**

irby.com

utilities

Value-added services

Inventory Project Management

- Bar coded inventory management
- Vendor managed inventory
- Job site services / trailers
- Asset recovery
- Storm stock
- Custom kitting
- Custom wire cutting
- Emergency Response & Disaster Recovery

Specialty Tools and Services

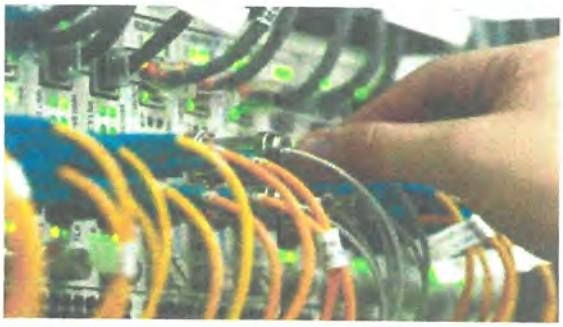
- Complete tool supply
- Factory authorized tool repair
- Complete PPE supply
- Glove & rubber goods testing
- Mobile testing unit
- Truck testing
- Custom grounds, jumpers and ropes

eCommerce / Digital Solutions

- eCommerce website - irby.com
- Mobile
- eLink
- eFill
- eQuotes
- Punchout

Other Utility Services

- Supply chain management
- Sourcing
- Logistics
- Transmission and substation packaging
- AMI applications, installations, training and monitoring
- Lighting system designs
- Laydown yard management
- On-site labor management
- Performance/reporting capabilities
- Warehouse optimization services
- Data integration (system alignment, interface, cleansing, transaction capabilities)
- Project services
- Metering services
- Gas services
- Broadband Communications



the irby advantage

What exactly is the irby advantage?

It's knowing that your Irby representative will eagerly answer your call, even if it's 4:30 on a Sunday morning when something goes wrong on your site.

It's the assurance that your Irby team will always listen to you, learn your business and make your problems their problems.

It's the convenience of having access to one of the electrical industries broadest and deepest inventories and the reassurance of knowing that over $100 million dollars of product is available 24/7.

It's anytime, anywhere website availability - whether placing an order, checking a price, getting product specs or viewing an invoice, Irby digital solutions make your job easier.

It's the confidence that comes from having industry experts and technical specialists ready to consult with you on the most challenging issues.

It's the comfort of knowing that Irby's service motto is "Customers. First. Always".

irby ADVANTAGE

All these things combine to form what we call the irby advantage. And we're ready to put this advantage to work for you, today.

power your company

With the people of irby

There are a number of factors to consider when choosing an electrical distributor. But at the end of the day, it all comes down to one thing: the people.

This is where Irby truly shines, with a team of nearly 1000 people dedicated to your company, your satisfaction and your success.

See what our company and our people are all about. Contact your Irby representative today. And make the Irby advantage your advantage.

Customers. First. Always.

Since 1926.

irby

A Sonepar Company

815 Irby Drive

Jackson, MS 39201

irby.com

Irby is quoting two options for this proposal. No exceptions of functionality or material availability will be taken by Irby for this RFP. Option number one is in direct compliance with the RFP requirements. Option number 2 is a holistic solution, that provides the greatest value to KPUB through rapid installation that minimizes errors and roadblocks to the successful completion of this project in a timely manner.

Irby is proud to offer the Eaton CBC8000 control and Lindsey Sensors for this project. Both products have a long history of robust service and a full complement of features.

Solution 1

This solution provides the material and costs as requested in the RFP requirements. The existing 4 jaw junction boxes deployed in the field will require KPUB to run cabling from each sensor individually down the pole to the control.

Note this solution places the burden of creating all switch cables, controls cables, and sensors cables, engineering the wiring schematics, production of the wiring diagrams, creation of "as built drawings", and field installation and assembly to those drawings. This solution is field labor intensive, will extend the deployment time for the project, and is inherently more error prone than Solution 2.

Product	Quantity	Price	Extended Price
CBC8000 Capacitor Control C8024100	34	$1,532.22	$52,095.55
9650/E1504 15KV MULTICORE Current & Voltage SENSOR (This sensor comes with the Amphenol connector KPUB would utilize to fabricate their own sensor cable.)	102	$1,193.75	$121,762.50
	Total	**$5,113.47**	**$173,858.05**

Solution 1 – additional options

Product	Quantity	Price	Extended Price
CBC Neutral Current Sensor w/35ft cable	34	$272.22	$9,255.55
9612/35 prebuilt sensor cable for 9E650/1504	102	$220.00	$22,440
		Total	**$31,695.55**

Solution 2

This option provides KPUB with a complete solution for all of the requirements for upgrading existing capacitor racks in the field. The existing capacitor switch cables and control cables have 20+ years of exposure to the elements and have exceeded their life expectancy. This would suggest that failures of those materials (most notably the cabling) are likely, and more likely when they are manipulated during this project. Therefore, Irby is proposing a complete solution that includes replacing the junction box and all the switch and control cables with new material.

The new junction boxes, which are prewired with new cables to the capacitor bank switches and capacitor control, will contain all of the connections for all sensors, switches, & power. This solution provides a compact installation of all optional and required cabling from the poletop to the control with new factory tested cabling.

The new junction boxes will also allow KPUB deployment options for this project. By utilizing a new junction box that is prewired for **all** sensors, KPUB can elect to deploy one sensor now for single phase KVAR operation control at a significantly lower project cost during this budget year. To deploy additional line sensors at a future date is easily accomplished by connecting the future sensors to the junction box via an Amphenol connector. No additional wiring or other hardware modifications (excepting the actual installation of the senor and cable) will be required. A simple setting change in the control will allow the control to use the future sensors.

Solution 2- 1PH KVAR deployment during this budget year.

Product	Quantity	Price	Extended Price
CBC8000 Capacitor Control C8024900-1135	34	$1,743.75	$59,287.50
9650/E1504 15KV MULTICORE Current & Voltage SENSOR	34	$1137.50	$38,675.00
9612/35 prebuilt sensor cable for 9E650/1504	34	$220.00	$7,480.00
CUR15014J1	34	$1875.00	$63,750.00
CBC Neutral Current Sensor w/35ft cable	34	$272.22	$9,255.55
	Total	**$4,812.77**	**$178,448.05**

Option 2 – Three Phase Sensing Upgrade project cost

Product	Quantity	Price	Extended Price
9650/E1504 15KV MULTICORE Current & Voltage SENSOR	68	$1137.50	$77,350.00
9612/35 prebuilt sensor cable for 9E650/1504	68	$220.00	$14,960
		Total	**$92,310**

Additional optional components

Product	Quantity	Price	Extended Price
15KV 50KVAR Replacement Capacitor Unit CEP320A6	20	$611.25	$12,225.00
15KV 100KVAR Replacement Capacitor Unit CEP431A6	20	$618.75	$12,375.00

Lead time for all material is 12 weeks or less.

RFP submission:
Ryan Johnson Irby
ryan.johnson@irby.com
512-787-8288

Ryan Johnson

Damon Richardson

From: Ross Nicholson <ross.nicholson@pmn-inc.com>
Sent: Monday, January 11, 2021 4:48 PM
To: Damon Richardson
Cc: Dennis Jenke
Subject: Re: Capacitor Control RFP 2831
Attachments: 1024-30_9-3-13.pdf; Q-28854 - KPUB.pdf; 1024-31 - 9-16-19 (1).pdf

Hello Damon,

I am afraid we are just not digesting S&C's response to us. I don't think we will be able to get a sealed in-person bid to you. But I thought I better email over what we have.

So, please find attached our pricing for the S&C Intellicap 2000 capacitor controller.

Please let me know if you have any questions.

Thanks,
Ross

On Wed, Dec 30, 2020 at 1:00 PM Damon Richardson <drichardson@kpub.com> wrote:

Please see attached RFP for sealed bid.

Damon Richardson

Purchasing Agent and Facility Maintenance

Kerrville Public Utility Board

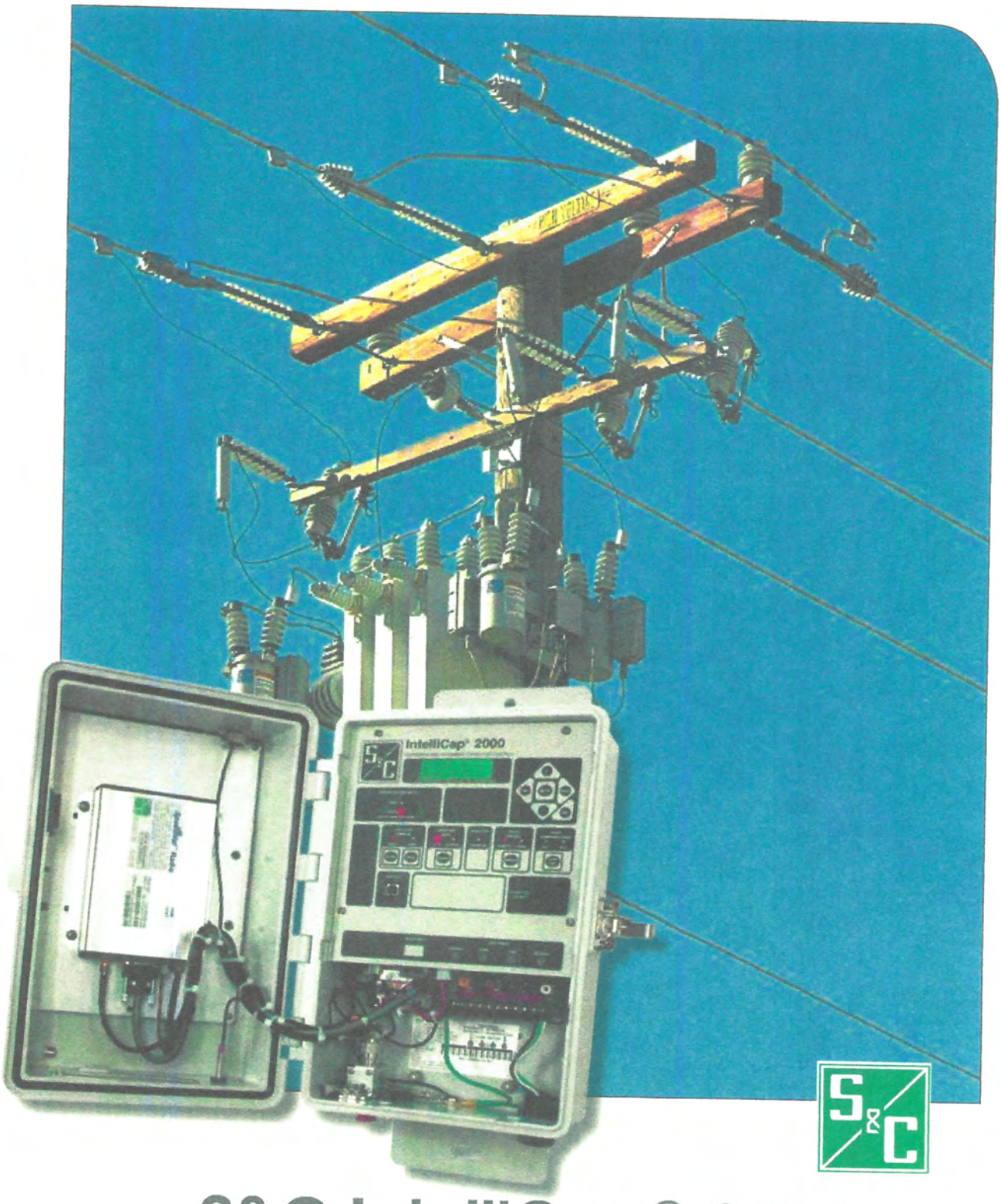
2250 Memorial Blvd.

Kerrville Tx. 78028

830-792-8239

Receiving hours: Monday thru Thursday 8am -12 noon and 1pm -3pm.

Friday 8am -12 noon.



S&C IntelliCap® 2000 Automatic Capacitor Controls

S&C IntelliCap® 2000 Automatic Capacitor Controls:
Intelligent Two-Way Communicating Controls for Smart Grid Applications

IntelliCap 2000 Automatic Capacitor Controls are specifically designed to control pole-mounted and pad-mounted switched capacitor banks in electric distribution systems, to regulate reactive power or line voltage. These reliable, easy-to-use, microprocessor-based controls normally operate autonomously, based on the control strategy selected.

With a *one-way* communication device installed, an IntelliCap 2000 Control can also operate in response to switching commands from SCADA or other centralized control. With a *two-way* communication device installed, local status information and feeder data are additionally available remotely, and remote configuration is possible.

IntelliCap 2000 Controls are superior to other two-way communicating capacitor controls—which only operate in response to centralized control commands based on measurements at the substation. With the normal stand-alone operation of IntelliCap 2000 Controls:

- A communication problem won't compromise VAR support,
- A problem at one capacitor bank won't affect other capacitor banks,
- Multiple contingencies are handled automatically, and
- System changes and expansion don't require extensive reprogramming.

Fulfill Major Smart Grid Goals

With two-way-communication-equipped IntelliCap 2000 Controls, there's no need for your crews to periodically inspect each of your distribution capacitor banks. Any problems will be reported immediately. So you can be confident your capacitor banks are functioning properly.

Your transmission and distribution losses and operation and management costs will be significantly decreased too, through asset optimization and heightened efficiency—major goals for the Smart Grid. IntelliCap 2000 Controls are easily integrated into an S&C IntelliTeam® VV Volt-Var Optimization System.

Provide a Full Range of Automatic Functions

IntelliCap 2000 Controls offer a wide range of software-selectable functions, including:

- Voltage, time, temperature, time-biased voltage, and time-biased temperature control strategies. VAR and current control strategies are optionally available.
- Voltage/temperature and SCADA override strategies. When enabled, the control returns to its regular control strategy after receiving a SCADA command.
- Automatic calculation of voltage change (and kVAR change, if applicable) due to capacitor bank switching.
- Automatic adjustment for daylight savings time and holidays.
- Daily limit on automatic switching operations.
- Undervoltage and overvoltage protection.

Neutral input sensing is optionally available and can lock out the capacitor bank if blown fuses or stuck switch poles are detected.

Flexible Communication and Protocol Options

IntelliCap 2000 Controls are available with a variety of factory-installed communication devices, including:

- S&C SpeedNet™ Radios,
- S&C IntelliCom® DA Mesh Radios,
- MDS TransNet 900® Radios,
- MDS SD9™ Radios,
- Telemetric DNP RTM GPRS Radios,
- UtiliNet® Series IV IWR Radios,
- Dymec 5843SHRT and 5843HRT Fiber-Optic Modems, and
- RuggedCom Fiber Optic Modems.

They're also available "communication device ready" for user-furnished communication devices utilizing DNP 3.0 Level 2—including the ones listed above, plus radios and modems from AirLink, CellNet, FreeWave, Motorola, Prosoft, RFI, and TeleDesign.

Easy to Install

IntelliCap 2000 Controls are offered in a number of convenient mounting types: four-jaw electric meter base, six-jaw electric meter base, pole mounting bracket, and wall mounting bracket. Pre-wired plugs are available for bracket-mounted controls, eliminating the need for field wiring.

The compact, padlockable Lexan® enclosure is strong, light-weight, and UV-stable, for years of reliable operation in harsh environments. The communication device—when furnished—conveniently mounts inside the enclosure door. The associated antenna can be mounted on top of the door or on the pole.

IntelliCap 2000 Controls accept a single-phase voltage signal from a voltage transformer, which is also used to derive control power. With the optional voltage sensing input feature, sensing and power can be derived from separate sources. Models with VAR and current control strategies additionally accept a single-phase current signal from an S&C CS Line Post Current Sensor or a current transformer. The neutral input sensing feature, when specified, accepts a signal from a voltage transformer, S&C Outdoor Voltage Sensor, Lindsey Voltage Sensor, or current sensor.

Easy to Set Up and Configure

IntelliCap 2000 Controls are set up and configured with a PC running Windows® and IntelliLink® Setup Software through the faceplate USB connector, or over a SCADA system with S&C IntelliLink Remote Setup Software.

Flexible Data Access

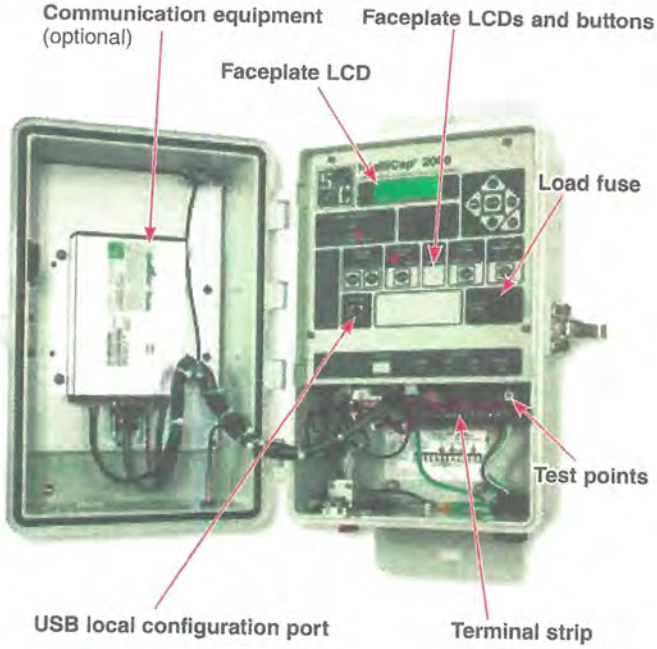
The tactile-feedback buttons, two-line liquid-crystal display, and manual override switch on the faceplate permit control operation and data review at the site. Faceplate test points for the sensor inputs allow performance evaluation. IntelliCap 2000 Controls support IntelliLink® Remote Software. This optional software allows you to remotely access all your S&C Automation Products that communicate using DNP 3.0 Level 2 Protocol, from any personal computer connected to the DNP network. You'll be able to perform remote firmware upgrades, configure controls, access historical and real-time data, and troubleshoot all the devices from a single location.

Extensive Data Access, Logging, and Graphing

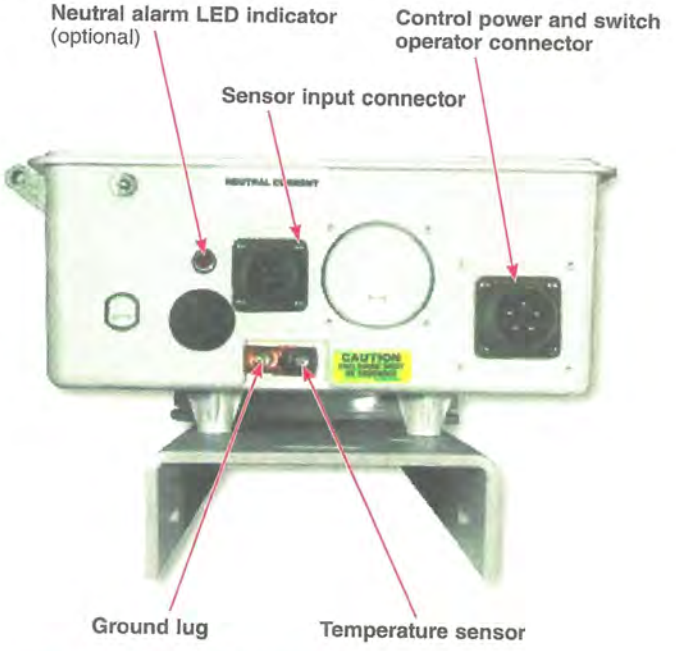
IntelliCap 2000 Controls provide real-time access to true RMS line voltages and currents, kWs, kVAs, kVARS, power factor, temperature, and harmonics.

IntelliCap 2000 Controls offer extensive data logging and graphing capabilities too, for optimizing performance. A wide range of parameters are logged at the selected interval and can be downloaded as tables or graphics. They include:

- Temperature, voltage, current, power factor, kVAR, kW, and neutral current/voltage (if applicable). Logging intervals can be adjusted from 1 to 60 minutes, for 2 to 120 days of voltage and temperature data.
- Up to 10,000 Historic Log entries—includes switching events, and the date and time of power cycles.
- Daily minimum and maximum voltages, temperatures, currents, kWs, kVARs, power factors, neutral currents/voltages (if applicable), and number of switching cycles in the last month and since installation.



Interior of enclosure.



Underside of enclosure.

Specifications

Electrical Operating Characteristics

- Selectable Nominal Operating Voltage: 110, 115, 120, 127, 220, 230, or 240 Vac, 50 or 60 Hz

Electrical Isolation/Protection

- Insulation Withstand: 2.5 kV RMS
- Surge Withstand: ANSI/IEEE C37.90.1, EN/IEC 61000-4-4 and -4-5 2004, and ANSI C62.41 Section 5.3.1 Categories C1 and C3
- ESD Protection: IEEE C37.90.3-2001 and IEC 61000-4-2:2008
- Radiated Emissions: FCC Part 15B, EN 55022B
- Radiated Susceptibility: IEC 61000-4-3:2008 10 V/m and IEEE C37.90.2-2004 35 V/m

Fuses

- Control and Communication Device Fuse: Time-delayed GMD 2A, 250 Vac
- Load Fuse: TRM-10 (interchangeable with FNM/ FNQ), 250 Vac

Environmental Operating Characteristics

- Temperature: –40°C to 70°C (–30°C to 70°C for liquid-crystal display)
- Humidity: 5% to 95% (non-condensing)

Voltage Input

- Line Voltage Input Range: 93 to 276 Vac
- Line Voltage Reading Accuracy, Control Only: ±0.15% of full-scale voltage, with resolution of 0.1 volt ac
- Bank-Operation Voltage Range: 93 Vac to 288 Vac

Current Input

- Line Current Input Range: 0 to 10 Vac, 150% continuous for S&C CS Line Post Current Sensor or CSV Line Post Current/Voltage Sensor; 0 to 5 A, 150% continuous for current transformer
- Line Current Reading Accuracy, Control Only: ±0.15% of full-scale current, with resolution of 1 A RMS

Neutral Input

- Neutral Voltage Input Range: 0 to 120 Vac
- Neutral Voltage Reading Accuracy, Control Only: ±1% of full-scale voltage
- Neutral Current Input Range: 0 to 100 A
- Neutral Current Reading Accuracy, Control Only: ±1% full scale at 5% of full-scale current

Phase Angle Input

- Phase Angle Input Range: 0 to 359°
- Phase Angle Reading Accuracy: ±1° at 10% of full-scale current, with resolution of ⅛°

Temperature Sensor

- Temperature Input Range: –40°C to 70°C
- Temperature Reading Accuracy: ±1°C with resolution of 1°C

Output Contacts

- Type: Pulse or latched; 1 open, 1 closed
- Rating: 20 A at 250 Vac; 120/250 Vac, single phase
- Life Expectancy: 100,000 operations at rated load

Communication Ports

- Ethernet RJ45 connector for communication device
- SCADA EA-232 port for communication device

Memory/Calendar

- Memory: Non-volatile, flash and MRAM
- Retention Life: 20 years
- Calendar: Perpetual with automatic adjustment for leap year; accommodates user-enabled holidays and changeover to daylight savings time

Enclosure

- Construction: Non-corrosive, impact-resistant, UV-stable, NEMA 3R, Lexan®; stainless-steel latch with 7/16-inch hole for padlock
- Mounting Type: Four-jaw electric meter base, six-jaw electric meter base, pole mounting bracket, or wall mounting bracket
- Dimensions: 9⅞″ (251 mm) wide × 14¾″ (375 mm) high × 7¾″ (197 mm) deep, less meter base or mounting bracket
- Maximum Dimensions of Communication Device: 7½″ (191 mm) wide × 12¼″ (311 mm) high × 2 13/16″ (71 mm) deep
- Weight, Less Communication Device: 8¼ pounds (3.74 kg)

Quality

- Manufactured in ISO 9002-certified facility
- 10 year warranty

Printed in U.S.A.

Date 11-JAN-2021

Project Reference RFP 2831 - Capacitor Controls

IntelliCAP 2000 Control

LINE	QTY	CATALOG NUMBER	DESCRIPTION	UNIT PRICE	EXTENDED
01	1	240160-J62P0R66S3	INTELLICAP 2000 AUTOMATIC CAPACITOR CONTROL	USD 2,232.00	USD 2,232.00
	1		240160 - INTELLICAP 2000 STANDARD PLUS VAR AND CURRENT WITH SINGLE-PHASE CURRENT SENSING PROVIDED BY A CUSTOMER-FURNISHED OR S&C-FURNISHED CS OR CSV LINE POST SENSOR		
	1		J62 SIX-JAW ELECTRIC METER BASE, WIRING #2		
	1		P0 DNP 3 LEVEL 2		
	1		S3 POLYPHASER SURGE SUPPRESSOR N-TYPE CONNECTOR DOOR BOTTOM MOUNTED (FOR REMOTE ANTENNA INSTALLATION)		
	1		R66 - READY FOR UTILINET SERIES IV IWR RADIO (RADIO TO BE PROVIDED BY OTHERS)		
				IntelliCAP 2000 Control TOTAL:	USD 2,232.00

Other Items

LINE	QTY	CATALOG NUMBER	DESCRIPTION	UNIT PRICE	EXTENDED
02	1	904-001124-00	14.4 KV--CS-15 LINE POST CURRENT SENSOR	USD 825.00	USD 825.00
03	1	007-001138-01	CS-35-X-M03-M00 CURRENT SENSOR CABLE Control to the Junction Box cable, 35' length	USD 385.00	USD 385.00

LINE	QTY	CATALOG NUMBER	DESCRIPTION	UNIT PRICE	EXTENDED
04	1	007-000767-03	CS-20-W-M00-M11 CABLE Junction Box to Current Sensor, 20' length	USD 175.00	USD 175.00
				Other Items TOTAL:	USD 1,385.00

Notes:

1. S&C only supports one sensor input.
2. Please see spec sheets 1024-30 and 1024-31 to reference the design and features of our IntelliCap 2000 control.
3. Additional sales support can be provided by Greg Minor with Oberlender & Associates. Cell 210-771-7834.
4. There are many ways to design a cap control package. We have quoted the basic control as well as some other parts that might be needed such as line post current sensors, sensor cables, and control cables. Neutral current sensors can also be added if desired but we would need to requote to make sure the sensor inputs are on the control.
5. Comms can be added. We included wiring provisions for a Utilinet radio but we support all different communication radio options.

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Ricardo Berrios Jr.

Date: January 13, 2021

Re: Agenda Item No. 9 — Quarterly Reports: Engineering and Operations Projects - Capital Budget Summary, and Reliability Report

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Attached for your consideration and review are quarterly reports and updates as requested by the Board.

A. Engineering and Operations Projects – Capital Budget Summary
The attached spreadsheet summarizes spending for the Capital Budget through the first quarter of fiscal year end 2021. A summary of status updates for the projects will be presented at that time.

B. Reliability
Attached you will find quarterly reliability reports summarizing industry performance indices by substation, feeder, and entire system by month. In the monthly summary, total number of customers connected is also reflected. Service summary also identifies common outage causes and Major Event Day threshold including the day the event occurred.

Please let me know if you have any questions or concerns.

Sincerely,

Ricardo Berrios Jr

Ricardo Berrios, Interim Manager of Engineering

CAPITAL BUDGET REPORT
FISCAL YEAR OCTOBER 1, 2020 - SEPTEMBER 30, 2021

As of December 31, 2020

Budget No.	Description	Budget Amount	October Actual	November Actual	December Actual	Qtr 1 (Oct-Dec)	YTD Total	% Budget Complete	Loan Balance
40900	Energy Conservation Programs FY20-21	$ 154,000	$ -		$ -	$ -	$ -	0%	$ 154,000.00
40901	Energy Eff. Programs FY 20-21	$ 95,000	$ -		$ -	$ -	$ -	0%	$ 95,000.00
40902	Education & Training FY20-21	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -
41701	Existing AMR System	$ 30,000	$ 1,768.00	$ -	$ -	$ 1,768.00	$ 1,768.00	6%	$ 28,232.00
41714	Customer Extensions	$ 624,058	$ 18,661.41	$ -	$ 7,163.86	$ 25,825.27	$ 25,825.27	4%	$ 598,232.73
41721	Street Lights	$ 114,720	$ -	$ -	$ -	$ -	$ -	0%	$ 114,720.00
41723	Padmount Refurbish & Replacements	$ 236,520	$ -	$ 36,051.52	$ -	$ 36,051.52	$ 36,051.52	15%	$ 200,468.48
41725	Digger Derrick (Replace Unit #3218)	$ 245,000	$ -	$ -	$ 208,000.00	$ 208,000.00	$ 208,000.00	85%	$ 37,000.00
41726	Tension/Reel Carrier (ReplaceUnit #3186)	$ 100,000	$ -	$ -	$ -	$ -	$ -	0%	$ 100,000.00
41727	Ford F-150 Single Cab (Rep. Un #3228)	$ 55,000	$ -	$ -	$ -	$ -	$ -	0%	$ 55,000.00
41730	Ordinary Replacements	$ 75,000	$ -	$ -	$ -	$ -	$ -	0%	$ 75,000.00
41731	System Improvements	$ 1,641,420	$ 5,319.10	$ -	$ 6,537.42	$ 11,856.52	$ 11,856.52	1%	$ 1,629,563.48
41732	Power Factor Improvements/Control Replac	$ 50,000	$ -	$ -	$ -	$ -	$ -	0%	$ 50,000.00
41733	Pole Inspection Replacements	$ 600,000	$ 14,288.94	$ 8,771.16	$ 9,165.61	$ 32,225.71	$ 32,225.71	5%	$ 567,774.29
41734	Reliability Improvements	$ 25,000	$ -	$ -	$ -	$ -	$ -	0%	$ 25,000.00
41747	Harper Rd./Equipment Upgrade	$ 147,000	$ -	$ 8,435.12	$ 90,673.00	$ 99,108.12	$ 99,108.12	67%	$ 47,891.88
41748	DA Equipment Deployment	$ 350,000	$ -	$ -	$ -	$ -	$ -	0%	$ 350,000.00
41749	SCADA Upgrades	$ 150,000	$ -	$ -	$ -	$ -	$ -	0%	$ 150,000.00
41750	Minor System Improvements	$ 300,000	$ -	$ -	$ -	$ -	$ -	0%	$ 300,000.00
41760	IT Normal Replacements	$ 65,000	$ -	$ -	$ 2,052.24	$ 2,052.24	$ 2,052.24	3%	$ 62,947.76
41761	Network Infrastructure	$ 75,000	$ -	$ -	$ -	$ -	$ -	0%	$ 75,000.00
41762	Security Camera Upgrade	$ 50,000	$ -	$ 3,963.75	$ -	$ 3,963.75	$ 3,963.75	8%	$ 46,036.25
41763	Email System Upgrade	$ 45,000	$ -	$ -	$ -	$ -	$ -	0%	$ 45,000.00

CAPITAL BUDGET REPORT
FISCAL YEAR OCTOBER 1, 2020 - SEPTEMBER 30, 2021

As of December 31, 2020									
Budget No.	Description	Budget Amount	October Actual	November Actual	December Actual	Qtr 1 (Oct-Dec)	YTD Total	% Budget Complete	Loan Balance
41764	Access System Upgrade	$ 50,000	$ -	$ -	$ -	$ -	$ -	0%	$ 50,000.00
41765	Fuel Management Upgrade	$ 25,000	$ -	$ -	$ -	$ -	$ -	0%	$ 25,000.00
41766	VM Ware	$ 50,000	$ -	$ 837.93	$ -	$ 837.93	$ 837.93	2%	$ 49,162.07
41767	Microsoft Office 2019 Upgrade	$ 25,000	$ -	$ -	$ -	$ -	$ -	0%	$ 25,000.00
41768	UPS	$ 35,000	$ -	$ -	$ -	$ -	$ -	0%	$ 35,000.00
41769	Fiber Optic Communications	$ 175,000	$ -	$ -	$ -	$ -	$ -	0%	$ 175,000.00
41770	Board Room Technology Upgrade	$ 70,000	$ -	$ -	$ 24,697.10	$ 24,697.10	$ 24,697.10	35%	$ 45,302.90
41774	Office Furniture	$ 17,220	$ -	$ -	$ -	$ -	$ -	0%	$ 17,220.00
41775	Facilities Improvements	$ 180,380	$ 4,000.00	$ -	$ -	$ 4,000.00	$ 4,000.00	2%	$ 176,380.00
41776	Misc. Building Improvements	$ 25,000	$ -	$ -	$ 180.00	$ 180.00	$ 180.00	1%	$ 24,820.00
41778	Demonstration EE Projects	$ 30,000	$ -	$ 3,000.00	$ -	$ 3,000.00	$ 3,000.00	10%	$ 27,000.00
41779	Misc. Captial Tools/Radios	$ 25,000	$ -	$ -	$ -	$ -	$ -	0%	$ 25,000.00
41903	Community Support Tracking FY20-21	$ -	$ -	$ -	$ -	$ -	$ -	0%	$ -
	Prior Years IT			$ -				0%	
	Prior Years Fleet			$ -				0%	
	Prior Years Facilities							0%	
	Prior Years Energy Efficiency							0%	
	Prior Years Tools/Equipment							0%	
	Prior Years Substation							0%	
	Totals:	**$ 5,935,318**	**$ 44,037**	**$ 61,059**	**$ 348,469**	**$ 453,566**	**$ 453,566**	8%	
	Percent of Total Budget:		0.7%	1.0%	5.9%	7.6%	7.6%		

Annual Service Quality Report - January 2020 to December 2020

Service Quality Report 01/01/2020 to 12/31/2020

Feeder Summary

31 Fdrs ---- Major Events

Sub	Fdr	SAIFI	SAIDI	CAIDI	ASAI	MAIFI	Nbr-Cons-Out	Consumer Minutes	Consumer Hours	Total Served
HARPER	0	0	0	846.333	0	0	1	846.33	14.11	0
RIM ROCK	0	0	0	847.386	0	0	6	5084.32	84.74	0
HARPER	20	4.225	1904.4	450.729	0.99638	1.839	5273	2376693.82	39611.56	1248
HARPER	30	1.394	512.264	367.423	0.99903	0.001	2359	866751.25	14445.85	1692
HARPER	60	0.447	353.104	789.543	0.99933	0.001	661	521887.87	8698.13	1478
HARPER	70	0.241	173.73	720.231	0.99967	0	151	108754.83	1812.58	626
HUNT	20	0.034	15.384	448.184	0.99997	0	30	13445.52	224.09	874
HUNT	30	0.997	131.071	131.479	0.99975	0	642	84409.77	1406.83	644
HUNT	50	1.008	267.41	265.314	0.99949	0	638	169270.27	2821.17	633
INGRAM	20	0.117	59.983	513.769	0.99989	0	92	47266.72	787.78	788
INGRAM	40	0.045	52.871	1177.08	0.9999	0	38	44729.08	745.48	846
JACK FURMAN	70	0.111	2.272	20.483	1	0	62	1269.97	21.17	559
LEGION	20	0.739	180.819	244.834	0.99966	0.066	596	145921.15	2432.02	807
LEGION	30	0.971	455.324	468.992	0.99913	0	533	249972.95	4166.22	549
LEGION	40	0.083	37.686	452.23	0.99993	0	37	16732.52	278.88	444
LEGION	50	1.007	1148.74	1140.71	0.99781	0	286	326241.5	5437.36	284
R. F. BARKER	20	1.011	172.576	170.662	0.99967	0	992	169296.67	2821.61	981
R. F. BARKER	40	0.009	8.552	983.533	0.99998	0	1	983.53	16.39	115
RIM ROCK	10	0.15	146.725	980.883	0.99972	0	108	105935.32	1765.59	722
RIM ROCK	40	0.133	379.009	2842.57	0.99928	0	2	5685.13	94.75	15
RIM ROCK	50	1.385	778.374	561.918	0.99852	0.042	2154	1210371.92	20172.87	1555
RIM ROCK	60	1.02	134.217	131.585	0.99974	0	255	33554.25	559.24	250
STADIUM	0	1.006	123.526	122.8	0.99976	0	3744	459763.2	7662.72	3722
STADIUM	20	1.448	432.478	298.706	0.99918	0.001	1707	509891.37	8498.19	1179
STADIUM	40	1.141	236.059	206.947	0.99955	0	746	154382.77	2573.05	654
STADIUM	50	0.112	116.534	1040.81	0.99978	0	102	106162.65	1769.38	911
STADIUM	60	0.105	118.857	1128.56	0.99977	0	103	116241.72	1937.36	978
TRAVIS	10	1.016	110.093	108.408	0.99979	0	1568	169983.93	2833.07	1544
TRAVIS	20	0.074	52.873	710.766	0.9999	0	70	49753.65	829.23	941
TRAVIS	60	0.063	32.859	524.863	0.99994	0	37	19419.93	323.67	591
TRAVIS	70	0.013	14.372	1117.41	0.99997	0	12	13408.87	223.48	933
Entire System		**0.989**	**348.339**	**352.261**	**0.99934**	**0.104**	**23006**	**8104112.75**	**135068.55**	**23265**

(101)

Service Quality Report 01/01/2019 to 12/31/2019

Previous Year Feeder Summary

Sub	Fdr	SAIFI	SAIDI	CAIDI	ASAI	MAIFI	Nbr-Cons-Out	Consumer Minutes	Consumer Hours	Total Served
HARPER	20	0.914	39.886	43.634	0.99992	0.012	1128	49219.07	820.32	1234
HARPER	30	0.158	13.158	83.534	0.99997	1.066	244	20382.2	339.7	1549
HARPER	60	0.382	16.311	42.739	0.99997	0.003	582	24874.18	414.57	1525
HARPER	70	0.432	30.577	70.792	0.99994	0.005	276	19538.7	325.65	639
HUNT	20	0.365	45.845	125.516	0.99991	0	309	38784.57	646.41	846
HUNT	30	0.201	35.137	174.886	0.99993	0.009	132	23084.93	384.75	657
HUNT	50	0.037	5.439	148.52	0.99999	0.002	23	3415.97	56.93	628
INGRAM	20	0.469	23.315	49.679	0.99996	0.012	367	18232.32	303.87	782
INGRAM	40	1.024	50.423	49.23	0.9999	1.019	845	41599.37	693.32	825
JACK FURMAN	70	0.309	18.424	59.685	0.99996	0	192	11459.45	190.99	622
LEGION	20	1.062	38.089	35.878	0.99993	0.005	827	29671.5	494.53	779
LEGION	30	0.092	3.054	33.073	0.99999	0.008	47	1554.45	25.91	509
LEGION	40	0.291	16.457	56.644	0.99997	0.002	129	7307.05	121.78	444
LEGION	50	0.372	35.328	94.881	0.99993	0	105	9962.55	166.04	282
R. F. BARKER	20	0.554	41.593	75.025	0.99992	0.985	530	39763.07	662.72	956
R. F. BARKER	40	0.055	2.497	45.775	1	0	6	274.65	4.58	110
RIM ROCK	10	0.283	12.97	45.882	0.99998	0	199	9130.55	152.18	704
RIM ROCK	50	0.162	9.774	60.425	0.99998	0.001	247	14924.88	248.75	1527
RIM ROCK	60	1.084	41.78	38.553	0.99992	0	259	9985.33	166.42	239
STADIUM	20	0.228	26.521	116.57	0.99995	0.017	263	30657.87	510.96	1156
STADIUM	40	0.313	30.088	96.164	0.99994	0.014	204	19617.52	326.96	652
STADIUM	50	0.168	14.442	86.145	0.99997	0.007	143	12318.75	205.31	853
STADIUM	60	0.222	37.381	168.549	0.99993	0.002	224	37754.9	629.25	1010
TRAVIS	10	0.11	8.69	78.982	0.99998	0.004	168	13268.98	221.15	1527
TRAVIS	20	0.016	1.109	68.917	1	0	15	1033.75	17.23	932
TRAVIS	60	1.053	71.715	68.102	0.99986	0.002	655	44606.75	743.45	622
TRAVIS	70	0.016	0.467	29.94	1	0.002	14	419.17	6.99	898
Entire System		**0.354**	**23.244**	**65.608**	**0.99996**	**0.154**	**8139**	**533980.65**	**8899.68**	**22973**

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Allison Bueché

Date: January 13, 2021

RE: Agenda Item #10—Community Report

Attached is KPUB's second annual Community Report, which summarizes our organization's key accomplishments and community impact during FY 2019-2020.

This report will be distributed to our customers during the month of February as bill inserts, a link in our e-bills and various newspaper/social media advertisements.

Please let me know if you have any questions or concerns.

Sincerely,

Allison Bueché

Allison Bueché
Interim Director of Customer & Community Relations
Kerrville Public Utility Board

KERRVILLE PUBLIC UTILITY BOARD

FISCAL YEAR 2019-2020

Community Report

POWERING A BRIGHT FUTURE FOR
KERRVILLE AREA BUSINESSES & CITIZENS SINCE 1987

Our public power story

23,000+ customers served

55+ employees

146 square mile service area

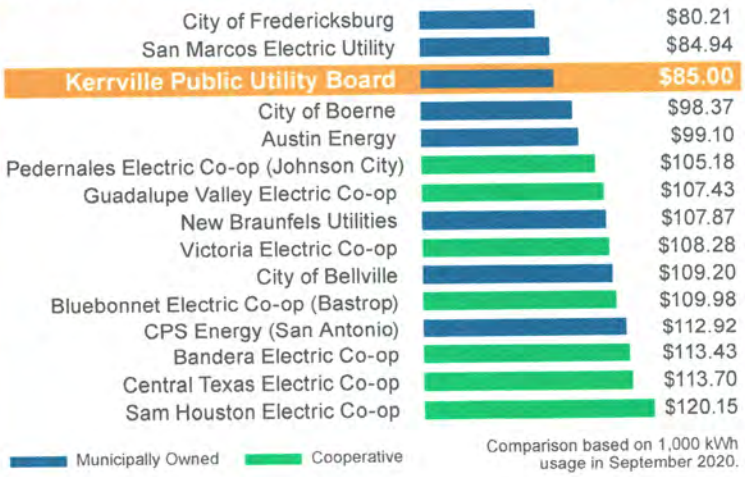
664 miles of power lines

The **Kerrville Public Utility Board (KPUB)** was acquired by the City of Kerrville in 1987. Today, KPUB serves more than 23,000 customers throughout our 146 square mile service area, including Kerrville, Center Point, Ingram, Hunt & surrounding areas in Kerr County.

Low, Responsible Rates

Our customers help determine our responsibly priced, not-for-profit rates through local control & local decision-making. Residential customers of public power utilities pay 11% less than customers of investor-owned utilities—for the average U.S. household, that's $176.79 saved each year or about $15 per month *(source, APPA website, publicpower.org).*

Electric Residential Bill Comparison



Comparison based on 1,000 kWh usage in September 2020.

Local Control

As a **community-owned, not-for-profit** electric utility company, KPUB is operated with **local control.** KPUB is overseen by a five-member board of trustees who are appointed by the Kerrville City Council & serve without compensation.

2019-2020 KPUB Board of Trustees

Bill Thomas
CHAIRMAN

Philip Stacy
VICE CHAIRMAN

Larry Howard
TREASURER

Mark Cowden
SECRETARY

Bill Blackburn
MAYOR OF KERRVILLE

HELPING CUSTOMERS Save Money & Energy

Granted **285** customer rebates totaling **$81,937.88** for energy-efficient home improvements

Partnered with **Alamo Area Council of Government (AACOG)** for community weatherization event

Reliability & System Investments

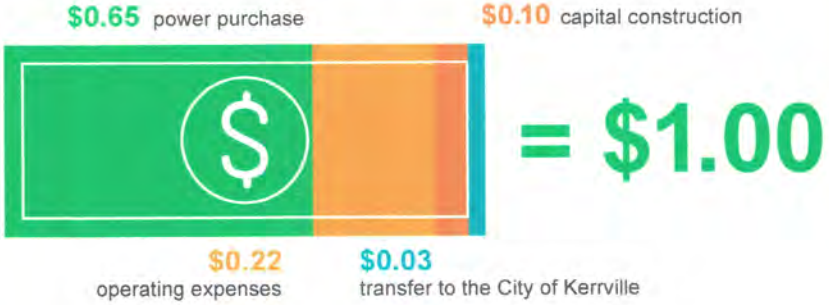
*The power went out at our home about 30 minutes ago. Thank you to the crew from **KPUB** who showed up within about **10 minutes** to repair the transformer & get our lights back on. **We appreciate y'all so much!***

—Sharon Black Weaver, Kerrville (August 2020)

To keep our system as reliable as possible, we invested in new technology & upgraded our systems with the following major improvements:

- Completed **106** utility pole replacements for **reliability & outage prevention** in our service area
- Replaced the **Hunt substation transformer** that will power West Kerr County residents for the next **30** years
- Installed **2400 feet** of new underground conductor/switchgear to connect the Center Point substation & **improve service reliability in East Kerrville & Center Point**

Where your money goes for every dollar sent to KPUB



EVOLVING
Our Service Offerings

- Launched a **NEW website** with numerous new online service options
- Added a **NEW two-way text feature** for outage communications
- Installed **2 NEW self-serve bill payment kiosks** to better serve you
- Added **3 NEW electric vehicle (EV) charging stations** within our community:

KERRVILLE CONVENTION & VISITORS' BUREAU
LEVEL 3

PETERSON HEALTH
LEVEL 2

SCHREINER UNIVERSITY
LEVEL 2

Awards

The American Public Power Association (APPA) is the voice of not-for-profit, community-owned utilities that power 2,000 towns & cities nationwide

- 2019 APPA award for **Achieving Exceptional Electric Reliability**
- 2020 APPA award of **Excellence in Public Power Communications**
- 2020 APPA **National Commendation for Mutual Aid** electric restoration efforts in Kirbyville, Texas, after Hurricane Laura

27th TIME

Certificate of Achievement for **Excellence in Financial Reporting** for KPUB's Comprehensive Annual Financial Report (CAFR) from the Government Finance Officers Association (GFOA)

- 2020 **Kerrville Kindness award** from the City of Kerrville

HELPING
Our Neighbors

- Launched a new **Change for Charity Program** in response to COVID-19, granting more than **$70,000+ to-date** in bill payment assistance for our neighbors in need
- KPUB employees donated **$10,000+ to-date** in support of **Kerrville Food Relief** through our employee charity fund
- Hosted **4** community blood drives, collecting **130+ units** of blood—**saving up to 390 lives!**

Kerrville Public Utility Board

2250 Memorial Blvd
Kerrville, Texas 78028
830.257.3050 | **KPUB.COM**

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Allison Bueché

Date: January 11, 2021

RE: Agenda Item #11—Change for Charity Program Fund Update

The Kerrville Public Utility Board (KPUB) Change for Charity program fund continues to be well received with the majority of our customers, and the partnership with St. Vincent de Paul is continuing smoothly as well.

We have had 664 residential customers opt-out of the program as of January 11, 2021.

For the month of December, we granted $10,434.60 in program funds to 86 households.

Since the program's inception in July, we have granted a total of $74,500.11 in bill payment assistance through the Change for Charity fund to 647 families in our community.

Please let me know if you have any questions or concerns.

Sincerely,

Allison Bueché

Allison Bueché
Interim Director of Customer & Community Relations
Kerrville Public Utility Board

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Mike Wittler

Date: January 11, 2021

Re: Agenda Item 12 – Consideration and Action on Potential Candidates for Board Position No. 3

The term for Kerrville Public Utility Board Position No. 3, presently filled by Mr. Bill Thomas, Chairman, will expire on April 21, 2021. Thus, the Board will need to send three nominations to the Kerrville City Council during February for consideration. The attached Public Notice has been posted at the KPUB office and at City Hall, as well as on KPUB's and the City's websites. The notice also has been issued to all media outlets in the area and will run in the Kerrville Daily Times two times per week for four weeks and the Hill Country Community Journal once a week for four weeks.

Also attached for your information are a listing of the previous nominations dating back to 1989 and a listing of the current committee assignments, terms, and officer positions of the Board.

Please let me know if I can answer any questions or provide additional information.

Sincerely,

Mike Wittler, P.E.

January 4, 2021

PUBLIC NOTICE

The Kerrville Public Utility Board and the City of Kerrville are accepting applications for appointment to the Kerrville Public Utility Board of Trustees, Position Number Three. The Board of Trustees consists of five citizens of the United States of America who reside in or conduct business on a full-time basis in Kerr County, Texas, and who use the System for personal, residential, business, and/or company use. The Mayor of the City of Kerrville is an ex-officio voting member of the Board of Trustees. The term of the office begins on or after April 21, 2021, for a five-year term. The City Council of Kerrville will fill the vacancy by appointment from nominations submitted by the Kerrville Public Utility Board of Trustees. An application form may be obtained from the Kerrville Public Utility Board (KPUB) at 2250 Memorial Blvd. at the drive-thru or City Hall at 701 Main Street. You may also contact the KPUB Executive Assistant to the CEO, at 792-8255 or the Kerrville City Secretary at 257-8000 to have an application emailed/mailed to you. For consideration by KPUB at its February Board Meeting, please submit your application by February 1, 2021.

INDIVIDUALS NOMINATED TO THE KERRVILLE CITY COUNCIL TO SERVE AS A KPUB TRUSTEE

Year		Board Position		Individual
1989		1		Larry Adams Mike Allen **Louis Romero***
1990		2		Larry Allen W.D. Compton **Lester Whitton***
1991		3		Richard Eastland **Jack Parks*** Ray Rothwell
1992		4		**Billie Davis*** Victor Dietzel Veter Joiner
1993		-		-
1994		1		Phil Grouthes **Louis Romero*** Charles Whelan, Jr.
1995		2		Ted Burkhart **Jack Furman*** William Rector
1996		3		Richard Eastland John Mildford Mosty **Jack Parks***
1997		4		**Billie Davis*** Dennis Glenewinkel Carol Nagle
1998		-		-

*** Confirmed**

Year		Board Position		Individual
1999		1		Cecil R. Atkission Harvey Brinkman **Nowlin McBryde***
2000		2		Mike Baumann **Jack Furman*** Doug Sundberg
2001		3		**Dennis Glenewinkel*** Gerald Griffin Doug Sundberg
2002		4		Harvey Brinkman Diane Green **Blake Smith***
2003		-		-
2004		1		Carl Browning John Miller, Jr **Patrick Murray***
2005		2		**Harvey Brinkman*** Carl Browning Diane Green
2006		3		**Stephen Fine*** Dennis Glenewinkel Lamar Smith
2007		4		Diane Green **Blake Smith*** Philip Stacy
2008		-		-
2009		1		Shawnna Huser **John E. Sample*** Eugene C. Smith

*** Confirmed**

Year		Board Position		Individual
2010		2		**Fred Gamble*** Larry Howard John Rich
2011		3		**Stephen Fine*** Larry Howard Beck Gipson
2012		4		Jeffrey Krebs Ward Jones **Philip Stacy***
2013		-		-
2014		1		Neva Pratt Clay Robertson **John E. Sample***
2015		2		**Fred Gamble*** David Rittenhouse John Sheehan
2016		3		John Hewitt John Sheehan **Bill Thomas***
2017		4		Cameron Paul Hinson Truman Martin **Philip Stacy***
2018		-		-
2019		1		**Mark Cowden*** Larry Howard Greg Shrader
2020		2		**Larry Howard*** Pat Murray Mindy Wendele

*** Confirmed**

KERRVILLE PUBLIC UTILITY BOARD 2020

Trustee Terms

Name	Position	Expiration
Mark Cowden	1	April 21, 2024
Larry Howard	2	April 21, 2025
Bill Thomas	3	April 21, 2021
Philip Stacy	4	April 21, 2022

Officer Positions

Bill Thomas	Chairman
Philip Stacy	Vice-Chairman
Mark Cowden	Secretary
Larry Howard	Treasurer
Bill Blackburn	Mayor

Committees

Personnel Committee	Chairman, Vice-Chairman, CEO
Investment Committee	Vice Chairman, Treasurer, CEO, CFO
Budget & Audit Committee	Vice Chairman, Treasurer, CEO, CFO
Power Supply Committee	*John E. Sample, Philip Stacy, Bill Thomas,* CEO, CFO
Long Range Planning Committee	*John E. Sample, Philip Stacy,* CEO, Chief Engineer

May 20, 2020

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Mike Wittler

Date: January 15, 2021

Re: Agenda Item 13—Status Update on Community Solar Systems

The KPUB community solar systems were brought online in 2019 and we are working through some problems with the system owner NextEra.

We have six solar arrays:

- One 1 MW system at the Mo-Ranch,
- One 1 MW system and one 0.5 MW system at the John E. Sample site between Kerrville and Ingram,
- One 0.75 MW system at Schreiner University, and
- Two 1 MW systems at the Kerrville City Farm.

In total these systems produce about 4% of our peak summer demand and about 2% of our annual energy requirements. We had these systems built in conjunction with a US Department of Energy challenge to increase access to solar to non-profits and low and moderate income customers.

These systems provide benefits to:

- All KPUB customers through lower summer peak energy transmission costs,
- Non-profit partners (Mo-Ranch, Schreiner University, and City of Kerrville) who are hosting the sites and receive land lease revenue and a portion of the energy produced, and
- Low and moderate income customers who would normally not have the ability to access roof-top solar energy options.

There are two issues that we are working on to address:

- The tracking systems at the Mo-Ranch, J.E. Sample, and Kerrville City Farm sites have not been operational since their installation. The tracking system manufacturer declared bankruptcy around the time that our systems were being installed. Because they do not track the sun as designed, the systems are producing 20-30% less energy than designed. NextEra is paid based on energy produced, so KPUB and our customers are for the most part not harmed by the reduced production, but we are looking closely at the issue. There are penalties in our contract for cost of replacement energy, but we expect that there has been no adverse impact. NextEra has stated that they have software upgrades planned for this month which will address the tracking issues. There are additional physical damper improvements to improve stability planned for August 2021. NextEra has promised to give me a report on their Guaranteed Energy Production analysis this week.

- Installation of the Kerrville City Farm site required significant site work and the finished site has no vegetation on it and sheds water very quickly. As a result, three downstream property owners have had problems with excessive runoff from the site. KPUB engaged Wellborn Engineering to review the situation and they have raised concerns about the water retention efforts that have been made and the efforts to stabilize the site post-construction. Ultimately NextEra is responsible for addressing these issues as the owner of the project.

I will be happy to address any questions from the Board.

Sincerely,

Mike Wittler, P.E.

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Mike Wittler

Date: January 15, 2021

Re: Agenda Item 14—Status Update on Downtown Beautification and Lighting Projects

---

Downtown Beautification:

For several years now we have had a placeholder in our capital budget for downtown underground conversion in the amount of $200,000. The intent initially was to work on undergrounding along Water St. starting at Sidney Baker and going West to Clay Street.

The City now has plans for improvements at the parking garage. The Kerrville Urban Trail System (KUTS) has also started with a focus on Clay Street from Water moving North and West to the Doyle Neighborhood. The A.C. Schreiner Mansion is also being repurposed, and our existing services there will not be adequate to serve the renovated mansion.

We have been doing preliminary work on undergrounding the area around the parking garage (Clay and Water St.) in anticipation of the improvements coming to this area.

I think that KPUB should try to make aesthetic improvements to the Downtown and TIRZ district when possible. One of our first intentional undegrounding/beautification efforts that I was involved with was at the City Library, and when I look back at that, I wish we had done a little more, we now have a pole with many conduits right in front of the library. Years ago there was a significant effort and we now have no overhead lines along the southern block of Earl Garret to Water St. About 8-10 years ago we also undergrounded our line along Sidney Baker from City Hall to the River and behind the buildings along Water Street (Arcadia Live, Pampell's, Grape Juice, and Herring Printing). That project was funded by the EIC.

The scope of the project we are looking at is larger than initially planned. Rough cost estimates are:

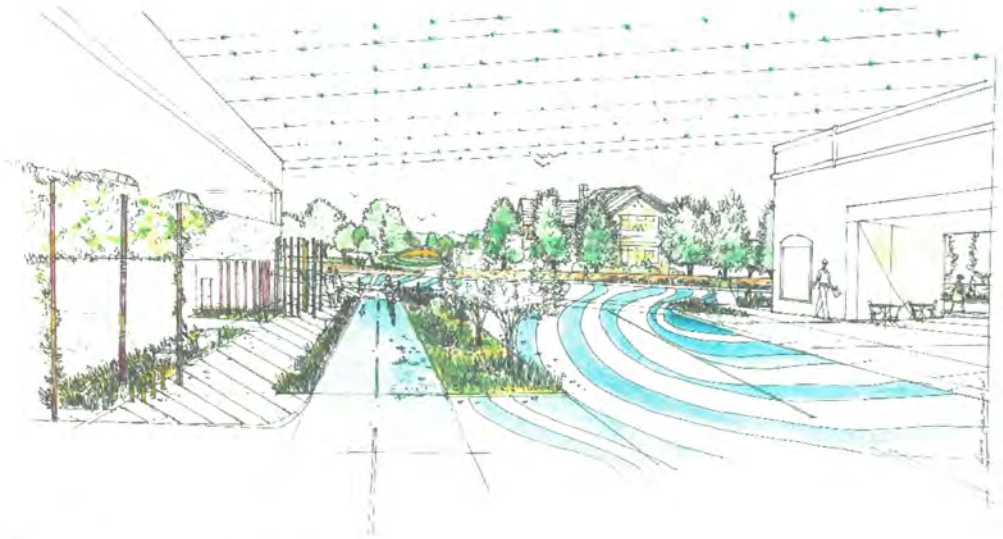
1. Underground all (1225 feet): $346,500
2. Underground the Water/Clay intersection (800 feet): $217,500
3. Leave Overhead: $0

Spending KPUB funds on underground projects can raise issues about rate payer equities (city vs. county ratepayers and Kerrville vs. Ingram, Hunt and CenterPoint). Another minor issue to work through is funding the cost of undergrounding the communications utilities.

Riser Pole in front of Butt Holdsworth Memorial Library

KUTS Lighting:

At the request of the City and KUTS we are working on designs for string lighting across the streets at points of interest along the trail. The first two locations would be between the Voelkel Building and the Garage and between Napa Auto and Pint n Plow. Costs for these installations will be recovered through a new lighting rate which would have to be approved by the Board.



OUTPOSTS landscape architecture | KUTS 'CLAY STREET SOUTH' Concept Master Plan

WATER STREET @ CLAY STREET VIEW

I would like to receive feedback from the Board on these efforts and will be happy to address any questions from the Board.

Sincerely,

Mike Wittler, P.E.

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Tammye Riley

Date: January 15, 2021

Re: Agenda Item No. 15 – Consideration and Action on KPUB Incentive Plan Revision for FY 2021

Members of management met with the Personnel Committee on January 14, 2021, to discuss KPUB's incentive plans. With the impact of COVID-19 management wishes to maintain focus on operational integrity and emergency preparedness, rather than trying to set target goals with the incentive program. In leiu of our standard incentive plan, management has requested a temporary suspension of the incentive plans for FY 2021, this timeframe will allow a review and redesign of the programs. The goal of the redesign will be to provide more meaningful and impactful measures and goals that fall in line with our strategic plan and vision. Along with the request to suspend the plan, we are requesting approval for a one-time lump sum payment, to eligible full time employees, subject to final board approval at the end of the fiscal year. The maximum allowed percentage of both the employee and management plans is 3% of base salary, I have provided a table that shows a 6 year average attainment percentage.

EIP	Payout		Percentage
2015	$	58,377.99	2.21%
2016	$	72,862.65	2.84%
2017	$	73,266.18	2.95%
2018	$	64,638.15	2.74%
2019	$	52,139.07	2.28%
2020	$	43,896.89	1.80%
6 year average			2.47%

MIP	Payout		Percentage
2015	$	37,255.78	3.50%
2016	$	75,783.55	9.44%
2017	$	26,265.35	2.75%
2018	$	24,836.24	2.48%
2019	$	30,167.51	2.38%
2020	$	18,126.43	1.54%
6 year average			3.68%
4 year average			2.29%

Based on discussion with the personnel committee, we are recommending a lump sum payment of 2.5% for non management staff and 2.25% for management staff, in November 2021 and suspend the plan for one year to allow for redesign.

Final approval of the payments and amount is subject to Board approval which will be presented at the October 2021 board meeting. Other criteria for employee eligibility would be determined per the normal requirements of the incentive plans.

Sincerely,

Tammye Riley
Director of HR, Safety & Training

Transition and Proposed New Incentive Schedule (FY 2020-2021 & FY 2021-2022)

Year	Month	January	February	March	April	May	June	July	August	*Fiscal Year End* September	*New Fiscal Year* October	November	December
2020 (FY 2021)						*New* Board Strategic Planning Session (s) to include EIP & Budgetary Goals (S,B)						*Transition* ***(SUSPEND PROGRAM)*** Access Previous Year's Performance to Set 2020-2021 Goals (S,PC)	
2021 (FY 2021)		*Transition* Present to Board for Approval of Suspended Incentive Program with Fixed Payout Subject to Final Board Approval (S,PC,B) **Current staff recommendation is 2.5%**								*New* Third Wednesday September 2021—Present Preliminary Incentive Plans for Board Approval with Metrics TBD in November (Along with Budget Approval) (S,PC,B)	*Transition* Evaluate Goal Acheivments for Board Recommendations (S,PC)	*Transition* Wednesday before Thanksgiving, 2021—Incentive Payouts Made (S)	
2022 (FY 2022)		*New* Goal achievments updates given to staff (S)			*New* Goal achievments updates given to staff (S)			*New* Goal achievments updates given to staff (S)			*New* Evaluate Goal Acheivment for Board Recommendation (S)	*New* Third Wednesday November, 2022—Board Approves FYE 2022 Incentive Payouts (S,B)	
												New Wednesday before Thanksgiving, 2022—Incentive Payouts Made (S)	

Legend:
S:Staff
PC:Personnel Committee
B: Board of Trustees

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Tammye Riley

Date: January 15, 2021

Re: Agenda Item No. 15 – Consideration and Action on KPUB's Merit Budget for FY 2021

When we began our annual budget preparation and workshops for Fiscal Year 2021 (effective 10/1/2020), we recommended suspending all merit increases for both management and non-management staff, excluding step progression increases for Department of Labor accredited apprentice program enrollees.

Our initial recommendation was based on us following suit with the City of Kerrville, as they too had budgeted no merit increases for the FY 2021. Our budget was presented to the board and approved. In November 2020, the City of Kerrville requested to amend their budget to allow for a 2% lump-sum payment based off base pay, to all eligible staff. The amendment was approved by city council and payouts proceeded shortly after.

In light of this new information, KPUB staff met with the Board Personnel Committee to discuss a similar amendment to our FY 2021 budget. Staff is recommending, with the Personnel Committee's support, a 2% lump-sum payment to all employees, to be paid according to their base pay at the time of approval and paid out March 1, 2021. To receive the lump-sum payment an employee must be employed in good standing at the time of payout.

Our 4 year average for annual merit increases is 3.7%. With the current payroll budget of $4.3M, a 2% lump-sum payment would increase our payroll budget by $86,000.00.

Sincerely,

Tammye Riley
Director of HR, Safety & Training

Normal Merit Schedule (FYE 2019-2020)

Year	Month: January	February	March	April	May	June	July	August	*Fiscal Year End* September	*New Fiscal Year* October	November	December
2019 (FY 2019-2020)							GM's 360 Evaluation is sent to staff & board		Evaluations for Management staff performed	Management Merit Increases Effective 10/1		
									GM's 360 final report presented to Board for review and merit approval			
2020 (FY 2019- 2020)	Annual Evaluations/Reviews for non management employees are prepared and sent out to supervisors for completion and merit % recommendation		March 1st, employee staff approved merits effective									

Proposed Merit Schedule (FYE 2020-2021)

Year	Month: January	February	March	April	May	June	July	August	*Fiscal Year End* September	*New Fiscal Year* October	November	December
2020 (FY2019-2020)							GM's 360 Evaluation is sent to staff & board		Evaluations for Management staff performed	Management Merit Increases Effective 10/1 (SUSPENDED, MERITS NOT BUDGETED FOR FY 2021)		
						Cit of Kerrville performs employee evaluations for the period of 6/1 -5/31			GM's 360 final report presented to Board for review and merit approval	October 1, City of Kerrville gives merit increases based of evalation ratings from June 1 (Suspended due to budgeted salary freeze)	City of Kerrville amended 2021 budget and approved a 2% lumpsum payout to staff	City of Kerrville paid staff approved lump sum payout of 2%
2021 (FY 2020-2021)	Annual Evaluations/Reviews for non management employees are prepared and sent out to supervisors for completion and merit % recommendation. (Merit recommendations suspended for FY 2021)		March 1st, employee staff approved merits effective (SUSPENDED, MERITS NOT BUDGETED FOR FY 2021)									
	Proposal Amend FY 2021 payroll budget to include a 2% lump sum payout for all staff. Take to Board for approval during the January Board Meeting		*Proposal* March 1st, Approved lump sum payout of 2% paid to all eligible employees.									

MEMORANDUM

To: Bill Thomas
Philip Stacy
Mark Cowden
Larry Howard
Mayor Bill Blackburn

From: Tammye Riley

Date: January 15, 2021

Re: Agenda Item No. 16 – Update and Discussion on COVID-19 response

---

As I do monthly, I want to take this opportunity to update you on KPUB's COVID-19 response action plan. Over the past 10 months, we have taken great measures to ensure the safety and health of our workforce, while continuing operational integrity and a high standard of customer service to our community.

To recap our efforts, listed are many of the actions management staff took to stay committed to our goals.

- March: Closed our lobby to the public after CDC recommendations to reduce in-person contact. Our drive-thru was eventually closed as well. No change in business hours was made.
- March: HR and Facilities enhanced cleaning and sanitizing efforts by adding additional cleaning services throughout the day.
- March: HR started an internal awareness campaign, which includes gloves, disinfecting wipes, hand sanitizer being provided to every employee and placed in all KPUB vehicles. Employees were advised to avoid customer contact in the field, no hand shaking and standing 6' or more apart.
- March: Employees began remote work when available, with remaining staff's work stations spaced more than 6' apart or isolated completely. The goal was to have less than 10 employees at this location.
- April: Wellness checks were implemented for employees that entered into the building throughout the day.
- March: Operations staff were assigned a vehicle to travel separately to job sites. Each crew reporting to a different substation in order to avoid gathering in the crew yard. Staggered schedules were set to allow crews to enter the yard at different times to gather material and tools.
- March: Vehicle and work station turnover practices were put into place for employees that must swap vehicles or work stations thought-out the day.
- April: KPUB requested and received contractor's COVID-19 response plans. (example, Townsend Tree Service)

- March: Weekly conference calls were implanted the management team to strategize and plan for the coming next week, discuss the implemented changes and effectiveness and discuss any feedback received from employees. Additionally, KPUB began working internally, with our peers in the electric utility industry, and our government and regulatory partners to gather and share up-to-date information, best practices and guidance to stay safe and maintain operational integrity.

- April: KPUB installed payment kiosks.

- March: HR reviewed and developed policy to accommodate the new Federal regulations of the Families First Coronavirus Response Act. This had an impact our FMLA and leave policies. These new regulations took effect April 2, 2020 and ended December 31, 2020.

- May: Return to the Office Committee was formed to coordinate the process of returning remote employees back to the building.

- May: Drive-thru re-opened.

- June: Plexiglas dividers were installed in several work areas to allow for safe work environment.

Listed above are only some of the efforts we took and the results have proven to be successful for the goals and vision we started with.

Recent Updates:

As we enter into the next phase, we will continue to monitor cases, update staff about vaccine information and working with local pharmacies to help those employees that want the vaccine, to get it. As we move toward the vaccine becoming more readily available we will continue to provide the most updated information to our workforce. We are not requiring employees to be vaccinated.

Customer service has developed a cross training program that is part of our efforts to ensure outstanding customer service, I will be working closely with them to achieve this rotation/ training program in a safe manner.

CDC continues to be KPUB's primary source for updated information and recommendations regarding quarantining, isolation and testing guidelines for our workforce.

Sincerely,

Tammye Riley
Director of HR, Safety & Training