

**MINUTES OF THE  
KERRVILLE PUBLIC UTILITY BOARD  
REGULAR MONTHLY MEETING  
WEDNESDAY, SEPTEMBER 16, 2020, AT 8:30 A.M.  
WebEx Event 146 446 7787**

**TRUSTEES PRESENT:**

Bill Thomas  
Philip Stacy (*Via Teleconference*)  
Mark Cowden  
Larry Howard

**STAFF PRESENT:**

Mike Wittler, General Manager and CEO  
Jill Sadberry, CFO  
Robby McCutcheon, IT Manager (*Via Teleconference*)  
Tammye Riley, HR Manager  
Allison Bueché, Interim Director of C.C.R  
Damon Richardson, Purchasing Agent  
Adrian delaCruz, Sr. IT Tech (*Via Teleconference*)  
Lidia S. Goldthorn, Assistant Secretary to the Board

**TRUSTEES ABSENT:**

Mayor Bill Blackburn

**OTHERS PRESENT:**

Stephen Schulte, Legal Counsel  
Ramsey Cripe, Schneider Engineering (*Via Teleconference*)  
Emily Mullins, Schneider Engineering (*Via Teleconference*)  
Jason Wiesepape, Schneider Engineering (*Via Teleconference*)

1. **CALL TO ORDER:**

Mr. Bill Thomas, Chairman, called the Regular Monthly Meeting to order at 8:29 a.m.

2. **PLEDGE OF ALLEGIANCE:**

3. **APPROVAL OF MINUTES:**

The Trustees reviewed the minutes of the August 19, 2020, Regular Monthly Board Meeting, and the August 19, 2020 Special Called Meeting. Larry Howard, Treasurer, motioned to approve the minutes. Mark Cowden, Secretary, seconded the motion. Vote was by a show of hands. Motion carried 4 – 0.

4. **CITIZEN/CONSUMER OPEN FORUM:**

There were no citizens/consumers to speak, either through teleconference, phone calls, written statements, or emails.

**5. ANNOUNCEMENTS OF COMMUNITY INTEREST:**

Mr. Wittler advised that on August 31<sup>st</sup> KPUB employees volunteered for a mega food pantry event. One of KPUB's crews volunteered for mutual aid in Kirbyville during Hurricane Laura. On September 4<sup>th</sup> poles were set at the new Middle School location. A sponsorship was given to the Kerrville Public School Foundation for the STEM Lego Robotics Program for 7<sup>th</sup> and 8<sup>th</sup> graders. CFO Jill Sadberry was the staff spotlight for the month. Jill has been with KPUB for five years. Mr. Wittler advised that payment arrangements and assistance are still continuing. Another Blood Drive event is scheduled for September 24<sup>th</sup> at KPUB. Mr. Wittler advised the next regular board meeting is scheduled for October 21, 2020 at 8:30 a.m.

**6. CONSIDERATION AND ACTION ON RESOLUTION NO. 20-19- 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. 20-19. Mr. Howard seconded the motion. Vote was by a show of hands. Motion carried 4 – 0.

**7. FINANCIAL REPORT – JILL SADBERRY, CFO:**

Ms. Sadberry presented the Financial Statements (unaudited) for the Fiscal Year 2020 through August 31, 2020. Ms. Sadberry reviewed the Statements and Balance Sheets for the month. She stated at August 31, 2020, operating expenses, excluding power cost, were below budget by \$267,116.09 or by 2.49%. The balance in the over-collected power cost was \$2,005,344.13. The balance in the Rate Stabilization Fund was \$1,896,740.46. The Debt Service coverage was 7.59 for the month and 13.98 for the Fiscal Year.

**8. CONSIDERATION AND ACTION ON APPROVAL OF FY 2020-2021 ANNUAL SYSTEM BUDGET- JILL SADBERRY, CFO:**

Ms. Sadberry presented for approval, the FY 2020-2021 Annual System Budget. She gave a brief overview highlighting the following changes: A five year O&M Expense reduction and a five year Capital Budget reduction. She concluded with a request for the Board to approve the Budget. Mr. Cowden moved to accept the FY 2020-2021 Annual System Budget as presented. Mr. Howard seconded the motion. Vote was by a show of hands. The motion carried 4 – 0.

**9. APPROVAL AND REPORTING OF PURCHASES AND SALES:**

A. Quote No. 2776, Pad Mount Transformers (Damon Richardson, Purchasing Agent)

Mr. Richardson recommended approval of a purchase order in the amount of \$61,052.00 to Texas Electric Cooperatives, for pad mount three phase transformers. Mr. Richardson advised the need is restocking from recent jobs and maintaining inventory to support in service transformers. Six vendors bid on quotation #2776 and five unique brands were quoted. Award is based on price, lead time and load loss factors. Mr. Richardson had provided supporting documents for the Board's reference.

Mr. Howard motioned for approval purchases and sales. Mr. Cowden seconded the motion. Vote was by a show of hands. Motion carried 4 – 0.

**10. CONSIDERATION AND ACTION ON APPROVAL OF BILL CREDIT PROMOTION – ALLISON BUECHÉ, INTERIM DIRECTOR OF CUSTOMER & COMMUNITY RELATIONS:**

Ms. Bueché recommended the approval of a \$10 bill credit promotion for new and existing KPUB customers with new enrollment for automatic payment and paperless billing. She advised that on average, KPUB pays approximately \$0.50 per bill to mail paper statements to our customers. By promoting paperless billing, KPUB would save \$6 per customer each year that make the switch to paperless. The overall transaction costs for a customer that pays via automatic payment are significantly less than the staff processing time for a manual check, cash or phone payment and would result in long term cost savings for KPUB. Additionally, this offer will give incentive for customers to establish a SmartHub account for online management. She added that the \$10 credit would be applied to a customer's account in their next billing cycle if the customer signs up for both paperless billing and automatic payment by bank draft or debit card/credit card. Ms. Bueché provided a sample promotional offer advertisement for the Board's review.

Mr. Howard motioned for approval of the bill credit promotion. Mr. Cowden seconded the motion. Vote was by a show of hands. Motion carried 4 – 0.

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

Ms. Bueché gave an update to the Board for the KPUB Change for Charity program fund, which continues to be well received with the majority of KPUB customers. There have been 544 residential customers opt-out of the program as of September 9, 2020. The partnership with St. Vincent de Paul is also going well. In the month of August, St. Vincent de Paul granted \$13,534.32 in bill payment assistance to residential customers.

**12. UPDATE AND DISCUSSION ON COVID-19 – TAMMYE RILEY, HR MANAGER:**

Ms. Riley advised operational procedures are working as they have for the past six months. At any given time, there are 20 – 25 staff between the three locations that KPUB is currently operating out of, with some staff operating on different shifts/days. The rest are still working remotely. The lobby is still closed at this time, but the drive-thru is open. The kiosks are always available as well. She advised that Management is monitoring other utilities and sharing information back and forth to keep risks at a minimum. Ms. Riley also advised that a new employee was added successfully in dispatch with emphasis on distancing and partitions for safety while training. Open enrollment was successfully processed with the majority done remotely.

**13. MOTION AND VOTE TO RECESS THE PUBLIC MEETING AND RECONVENE IN AN EXECUTIVE CLOSED SESSION:**

**I. EXECUTIVE CLOSED SESSION – COMPETITIVE MATTERS:**

In accordance with Texas Statutes Subchapter D, Chapter 551, Government Code Section §551.086, the Kerrville Public Utility Board will recess to discuss and take any necessary action on the following "Competitive Matters":

- A. Effective Fuel and Purchased Power Agreements and Fuel Transportation Arrangements and Contracts;

- (1) Consideration and Action on Wholesale Purchase Power Contracts –Jill Sadberry, CFO:

Chairman Thomas asked the Board of Trustees if he had a motion that the Board convene in Executive Closed Session to discuss “Competitive Matters” in accordance with Texas Statues Subchapter D, Chapter 551, Government Code Section §551.086. Mr. Cowden so moved. Mr. Howard seconded the motion. Vote was by a show of hands. Motion carried 4 – 0.

The Board entered Executive Closed Session at 9:04 a.m. Chairman Thomas adjourned the Executive Closed Session and reconvened into Open Session at 10:04 a.m.

**14. ADJOURNMENT**

Chairman Thomas adjourned the Regular Board Meeting at 10:06 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: Mike Wittler

Date: October 14, 2020

Re: Agenda Item 6 – Consideration and Action on Appointment/  
Reappointment of KPUB Representative to the KEDC Board

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As KPUB's CEO and General Manager I have served as KPUB's representative on the KEDC Board of Directors since November 2015. My current term is expiring at the end of this month. The KEDC Bylaws state that directors are eligible to serve two consecutive terms, however they shall not be eligible for election thereafter until at least (1) year has lapsed unless otherwise approved by a (2/3) two-thirds vote of the Board of Directors and/or the Stakeholders they represent.

Other members of the KEDC Board are:

- Bill Blackburn—City Council Rep, Expires 2020
- Jonathan Letz—Kerr County Rep #2, Expires 2020
- Mark Foust—KISD Rep, Expires 2020
- Todd Bock—Business Rep #1, Expires 2021
- Maggie Megee—KEIC Rep, Expires 2021
- Tom Moser—Kerr County Rep #1, Expires 2021
- Clint Fiore—Business Rep #2, Expires 2022
- Vacant—Chamber Rep, Expires 2022
- Mark McDaniel—City Administration Rep, Expires 2022
- Charlie McIlvain—CVB Rep, Expires 2022

I have been appointed to serve again as the KEDC Board President for 2021, and would therefore recommend that the KPUB Board reappoint me as the KPUB representative on the KEDC Board. Please let me know if you would like additional information or have any questions.

Sincerely,



Mike Wittler

MEMORANDUM

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

FROM: Jill Sadberry

DATE: October 13, 2020

SUBJECT: Agenda Item #7 - Resolution No. 20-19

Presented for your review, wire transfers for operating expenses.

I. WIRE TRANSFERS - Operating Expense

LCRA - Power Cost Billing 08/01/2020 to 08/31/2020 Paid September 30, 2020 Transfer from TexPool Investment Fund to LCRA.	\$ 522,046.52
CPS ENERGY - Power Cost Billing 08/01/2020 to 08/31/2020. Paid September 24, 2020 Transfer from TexPool Investment Fund to CPS ENERGY.	\$ 1,747,786.25
NEXTERA - Power Cost Billing 08/01/2020 to 08/31/2020. Paid September 21, 2020 Transfer from TexPool Investment Fund to NEXTERA.	\$ 485,088.00
CITY OF GARLAND - Power Cost Billing 08/01/2020 to 08/31/2020. Paid September 28, 2020 Transfer from TexPool Investment Fund to CITY OF GARLAND.	\$ 89,650.22
DG TEXAS SOLAR, LLC - Power Cost Billing 08/01/2020 to 08/31/2020. Paid September 22, 2020 Transfer from TexPool Investment Fund to DG TEXAS SOLAR, LLC.	\$ 58,713.05

II. WIRE TRANSFERS – Investments

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

<u>Date</u>	<u>Principal</u>
September 11, 2020	\$ 300,000.00
September 14, 2020	500,000.00
September 18, 2020	500,000.00
September 21, 2020	200,000.00
September 28, 2020	700,000.00
October 05, 2020	600,000.00
October 06, 2020	200,000.00
October 09, 2020	200,000.00

III. WIRE TRANSFERS - Payroll

Automated Clearing House for Pay Periods Ending:

September 18, 2020	\$ 108,626.02
October 02, 2020	\$ 106,742.12

IV. WIRE TRANSFERS - Payroll - Federal Reserve Bank

Federal Withholding and FICA for Period Ending:

September 18, 2020	\$ 42,624.78
October 02, 2020	\$ 37,440.95

V. WIRE TRANSFER - Comptroller of Public Accounts

2020 - Sales and Use Tax for September – Paid 10/13/2020	\$ 91,505.95
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VI. WIRE TRANSFER - TMRS and TML

Texas Municipal Retirement System (TMRS)

Retirement Plan Contribution for the month of September – Paid 10/01/2020	\$ 70,443.48
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Texas Municipal League (TML)

Monthly Premium - Medical, Dental, Vision and Life for the month of September – Paid 10/01/2020	\$ 54,534.47
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Texas Municipal League (TML)

Annual Premium-Worker's Comp/Property/Liberty Paid 10/13/2020	\$ 123,496.74
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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. 20-19**

**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 21<sup>st</sup> day of October, 2020**

\_\_\_\_\_  
**Bill Thomas, Chairman**

**ATTEST:**

\_\_\_\_\_  
**Mark Cowden, Secretary**



## MEMORANDUM

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

From: Jill Sadberry

Date: October 13, 2020

Re: Agenda Item No. 8 — Financial Report

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Operating loss for the month of September is \$468,612.10, which is above budget by \$485,042.10. Net income for the month is \$482,672.56, which is above budget by \$451,829.56. Year to date operating income is above budget by \$1,047,140.29 and net income is above budget by \$838,882.68.

For the year, kWh sales are above budget by 11,321,108 kWhs, or by 2.33%.

At September 30, 2020, operating expenses, excluding power cost, are below budget by \$989,156.65 or by 8.08%.

The balance in the over collected power cost at September 30, 2020 was \$1,861,028.21.

The balance in the Rate Stabilization Fund is \$1,896,917.91.

Debt service coverage for September is 19.73. The coverage factor for the fiscal year is 14.49.

Sincerely,

Jill Sadberry  
Chief Financial Officer

Kerrville Public Utility Board  
Statement of Revenues, Expenses and Changes in Retained Earnings  
September 30, 2020  
**PRELIMINARY**



	Comparison to Budget			Comparison to Last Year			
	Current Month	Budget Amount	Increase (Decrease)	Percentage Increase (Decrease)	Current Month Last Year Amount	Increase (Decrease)	Percentage Increase (Decrease)
<b>OPERATING REVENUES:</b>							
Residential	1,851,501.27	2,135,632.00	(284,130.73)	-13.30%	1,476,967.20	374,534.07	25.36%
Commercial/Industrial	1,528,631.93	1,651,829.00	(123,197.07)	-7.46%	1,024,128.64	504,503.29	49.26%
Sales to Public Authorities	21,077.83	23,500.00	(2,422.17)	-10.31%	23,172.62	(2,094.79)	-9.04%
Other	135,672.21	41,900.00	93,772.21	223.80%	134,283.90	1,388.31	1.03%
<b>TOTAL OPERATING REVENUES</b>	<b>3,536,883.24</b>	<b>3,852,861.00</b>	<b>(315,977.76)</b>	<b>-8.20%</b>	<b>2,658,552.36</b>	<b>878,330.88</b>	<b>33.04%</b>
<b>OPERATING EXPENSES:</b>							
Purchased Power	2,252,003.70	2,330,983.00	(78,979.30)	-3.39%	1,959,328.37	292,675.33	14.94%
Distribution	222,670.29	270,916.00	(48,245.71)	-17.81%	375,660.82	(152,990.53)	-40.73%
Customer Accounting	27,838.76	65,400.00	(37,561.24)	-57.43%	69,238.30	(41,399.54)	-59.79%
Customer Service & Informational	25,413.83	28,700.00	(3,286.17)	-11.45%	30,365.43	(4,951.60)	-16.31%
Administrative Expenses	256,176.63	880,192.00	(624,015.37)	-70.90%	600,103.23	(343,926.60)	-57.31%
Franchise Fees - City of Ingram	3,012.45	2,800.00	212.45	7.59%	3,022.02	(9.57)	-0.32%
Depreciation	282,445.24	293,500.00	(11,054.76)	-3.77%	278,088.33	4,356.91	1.57%
Other	(1,289.76)	(3,200.00)	1,910.24	-59.70%	(1,865.00)	575.24	-30.84%
<b>TOTAL OPERATING EXPENSES</b>	<b>3,068,271.14</b>	<b>3,869,291.00</b>	<b>(801,019.86)</b>	<b>-20.70%</b>	<b>3,313,941.50</b>	<b>(245,670.36)</b>	<b>-7.41%</b>
<b>OPERATING INCOME</b>	<b>468,612.10</b>	<b>(16,430.00)</b>	<b>485,042.10</b>	<b>-2952.17%</b>	<b>(655,389.14)</b>	<b>1,124,001.24</b>	<b>-171.50%</b>
<b>NONOPERATING REVENUES (EXPENSES) :</b>							
Revenue Fund, Constr, Emrg	9,461.46	35,810.00	(26,348.54)	-73.58%	35,926.47	(26,465.01)	-73.66%
Interest Inc-Interest & Sinking Fund	36.35	479.00	(442.65)	-92.41%	619.62	(583.27)	-94.13%
Interest Inc-Reserve Fund	-	-	-	0.00%	-	-	0.00%
Interest Inc-City of Kerrville	15,000.00	15,000.00	0.45	0.00%	15,000.00	643.53	-5.43%
Interest Expense	(11,215.55)	(11,216.00)	0.45	#DIV/0!	(11,859.08)	(1,303.65)	-
Interest On Customer's Deposits	(1,303.65)	-	(1,303.65)	122.60%	-	(1,303.65)	-
AFUDC - Borrowed Funds	5,565.00	2,500.00	3,065.00	-174.11%	2,070.38	3,494.62	168.79%
Other - net	(3,483.15)	4,700.00	(8,183.15)	-70.26%	590.90	(4,074.05)	-689.47%
<b>TOTAL NONOPERATING REVENUES (EXPENSES) :</b>	<b>14,060.46</b>	<b>47,273.00</b>	<b>(33,212.54)</b>	<b>1464.93%</b>	<b>42,348.29</b>	<b>(28,287.83)</b>	<b>-66.80%</b>
<b>NET INCOME</b>	<b>482,672.56</b>	<b>30,843.00</b>	<b>451,829.56</b>	<b>1464.93%</b>	<b>(613,040.85)</b>	<b>1,095,713.41</b>	<b>-178.73%</b>
<b>RETAINED EARNINGS AT BEGINNING OF MONTH</b>	<b>70,084,234.84</b>				<b>68,646,487.82</b>		
Plus: Contributions in Aid of Constr	25,176.20	9,000.00	16,176.20	179.74%	12,637.58	12,538.62	99.22%
Less: General Fund Transfer - Reg	99,645.79	116,700.00	(17,054.21)	-14.61%	96,305.96	3,339.83	3.47%
Less: General Fund Transfer - Spec	-	-	-	-	-	-	-
Less: GASB 75 OPEB Prior Period Adjust	-	-	-	-	-	-	-
Less: Prior period revenue audit adj	-	-	-	-	-	-	-
<b>RETAINED EARNINGS AT END OF MONTH</b>	<b>70,492,437.81</b>				<b>67,949,778.59</b>		
Percent of Net Income to Operating Revenue	13.65%				-23.06%		

Kerrville Public Utility Board  
Statement of Revenues, Expenses and Changes in Retained Earnings  
September 30, 2020  
(UNAUDITED)

	Year to Date	Comparison to Budget		Percentage Increase (Decrease)	Year to Date Last Year Amount	Comparison to Last Year		Percentage Increase (Decrease)
		Year to Date Budget Amount	Increase (Decrease)			Increase (Decrease)	Percentage Increase (Decrease)	
<b>OPERATING REVENUES:</b>								
Residential	23,973,795.67	23,397,461.00	576,334.67	2.46%	23,338,014.83	635,780.84	2.72%	
Commercial/Industrial	17,347,629.27	18,451,181.00	(1,103,551.73)	-5.98%	17,678,626.26	(330,996.99)	-1.87%	
Sales to Public Authorities	276,391.90	282,000.00	(5,608.10)	-1.99%	268,586.36	7,805.54	2.91%	
Other	390,092.01	629,450.00	(239,357.99)	-38.03%	628,679.64	(238,587.63)	-37.95%	
<b>TOTAL OPERATING REVENUES</b>	<b>41,987,908.85</b>	<b>42,760,092.00</b>	<b>(772,183.15)</b>	<b>-1.81%</b>	<b>41,913,907.09</b>	<b>74,001.76</b>	<b>0.18%</b>	
<b>OPERATING EXPENSES:</b>								
Purchased Power	27,491,606.21	28,321,773.00	(830,166.79)	-2.93%	27,433,338.64	58,267.57	0.21%	
Distribution	3,185,682.84	3,183,100.00	2,582.84	0.08%	3,005,118.69	180,564.15	6.01%	
Customer Accounting	612,260.44	771,900.00	(159,639.56)	-20.68%	802,035.80	(189,775.36)	-23.66%	
Customer Service & Informational	242,774.17	331,400.00	(88,625.83)	-26.74%	238,723.65	4,050.52	1.70%	
Administrative Expenses	3,771,377.54	4,477,992.00	(706,614.46)	-15.78%	3,737,997.41	33,380.13	0.89%	
Franchise Fees - City of Ingram	30,136.77	31,200.00	(1,063.23)	-3.41%	31,065.27	(928.50)	-2.99%	
Depreciation	3,432,186.38	3,489,000.00	(56,813.62)	-1.63%	3,241,013.49	191,172.89	5.90%	
Other	(17,382.79)	(38,400.00)	21,017.21	-54.73%	(28,765.19)	11,382.40	-39.57%	
<b>TOTAL OPERATING EXPENSES</b>	<b>38,748,641.56</b>	<b>40,567,965.00</b>	<b>(1,819,323.44)</b>	<b>-4.48%</b>	<b>38,460,527.76</b>	<b>288,113.80</b>	<b>0.75%</b>	
<b>OPERATING INCOME</b>	<b>3,239,267.29</b>	<b>2,192,127.00</b>	<b>1,047,140.29</b>	<b>47.77%</b>	<b>3,453,379.33</b>	<b>(214,112.04)</b>	<b>-6.20%</b>	
<b>NONOPERATING REVENUES (EXPENSES):</b>								
Interest Inc-Revenue Fund	282,024.91	429,698.00	(147,673.09)	-34.37%	469,254.60	(187,229.69)	-39.90%	
Interest Inc-Interest & Sinking Fund	1,837.90	5,748.00	(3,910.10)	-68.03%	5,254.50	(3,416.60)	-65.02%	
Interest Inc-Reserve Fund	-	-	-	0.00%	180,000.00	-	0.00%	
Interest Inc-City of Kerrville	(135,230.13)	(135,234.00)	3.87	0.00%	(142,634.65)	7,404.52	-5.19%	
Interest Expense	(1,303.65)	-	(1,303.65)	-	-	(1,303.65)	-	
Interest On Customer's Deposits	43,829.19	30,000.00	13,829.19	46.10%	29,655.82	14,173.37	47.79%	
AFUDC - Borrowed Funds	(12,803.83)	56,400.00	(69,203.83)	-122.70%	2,105.20	(14,909.03)	-708.20%	
Other - net	358,354.39	566,612.00	(208,257.61)	-36.75%	543,635.47	(185,281.08)	-34.08%	
<b>NET INCOME</b>	<b>3,597,621.68</b>	<b>2,758,739.00</b>	<b>838,882.68</b>	<b>30.41%</b>	<b>3,997,014.80</b>	<b>(399,393.12)</b>	<b>-9.99%</b>	
<b>RETAINED EARNINGS AT BEGINNING OF YEAR</b>	<b>67,949,781.81</b>				<b>64,988,632.92</b>			
Plus: Contributions in Aid of Constr	279,481.75	108,000.00	171,481.75	158.78%	354,662.88	(75,181.13)	-5.98%	
Less: General Fund Transfer - Reg	1,284,402.16	1,190,520.00	93,882.16	7.89%	1,366,032.01	(81,629.85)	-5.98%	
Less: General Fund Transfer - Spec	50,000.00	45,920.00	4,080.00		24,500.00	25,500.00	104.08%	
Less: GASB 75 OPEB Prior Period Adjust	-	-	-		-	-		
Less: Prior period revenue audit adj	70,492,483.08	-	-		67,949,778.59	2,542,704.49	3.74%	
<b>RETAINED EARNINGS AT END OF YEAR</b>	<b>70,492,483.08</b>				<b>9,548,863.30</b>			
Percent of Net Income to Operating Revenue							9.54%	



Kerrville Public Utility Board  
Balance Sheets  
September 30, 2020

	September 30, 2020 (Unaudited)	October 1, 2019	September 30, 2020 (Unaudited)	October 1, 2019
Assets	Liabilities and Equity			
<b>Utility Plant:</b>			<b>Equity:</b>	
Electric Plant in Service	84,757,080.78	80,570,016.90	Retained Earnings - Unreserved	70,492,437.81
Less: Accumulated Depreciation	(41,511,651.27)	(38,511,913.89)		
	43,245,429.51	42,058,103.01	Total Equity	70,492,437.81
Construction Work in Progress	4,325,913.58	4,204,554.83		
Net Utility Plant	47,571,343.09	46,262,657.84		
<b>Restricted Assets:</b>				
Cash and Cash Equivalents:				
Customer Deposits	523,276.00	538,441.01		
Total Cash and Cash Equivalents	523,276.00	538,441.01		
Investments:				
2013 Bond Construction Fund	-	-		
Interest and Sinking Fund	423,697.43	443,403.47		
Emergency, Repair, Replace, Conting Fund	3,534,535.21	3,513,053.00		
L.T. Rate Stabilization Fund:	723,583.07	540,000.00		
Total Investments	4,681,815.71	4,496,456.47		
Total Restricted Assets	5,205,091.71	5,034,897.48		
<b>Current Assets:</b>				
Revenue Fund:				
Cash and Cash Equivalents	590,928.55	374,685.93		
Investments - Less: Customer Deposits	9,788,255.65	11,408,481.71		
Total Revenue Fund	10,379,184.20	11,783,167.64		
Construction Fund:				
Cash and Cash Equivalents	5,067.68	5,020.01		
Investments	2,355,439.20	1,666,500.10		
Total Construction Fund	2,360,506.88	1,671,520.11		
Rate Stabilization Fund:				
Cash and Cash Equivalents	1,896,917.91	1,885,402.35		
Investments	-	-		
Total Rate Stabilization Fund	1,896,917.91	1,885,402.35		
ERCOT CRR Auction Funds	157,536.99	157,536.99		
Customer Accounts Receivable, Net of Allowances	4,036,076.84	4,279,221.69		
Materials and Supplies	1,008,941.61	1,151,297.03		
Other	912,521.10	891,047.50		
Total Current Assets	20,751,685.53	21,819,193.31		
Deferred Debits				
Deferred Outflow of Resources	1,972,449.53	2,735,450.53		
Advance to City of Kerrville	7,500,000.00	7,500,000.00		
Advance to City of Kerrville-2020	1,000,000.00	-		
Total	84,000,569.86	83,352,199.16		
			<b>Deferred Credits</b>	
			Deferred Inflows of Resources-Pension	2,540,816.00
			Total Liabilities	10,967,316.05
			Current Liabilities:	
			Accounts Payable - Power Suppliers	2,088,669.03
			Accounts Payable and Accrued Liab's	910,536.09
			Over Collection of Power Cost Adj Revs	1,861,028.21
			Customer Deposits	523,276.00
			Interest on Customer Deposits	1,253.97
			Total Long-Term Debt	3,680,000.00
			Plus: Unamortized Refunding Charge	-
			Less: Unamortized Premium	-
			Net of Current Portion	-
			2013 Revenue Bonds	3,680,000.00
			Long-Term Debt:	
			Retained Earnings - Unreserved	70,492,437.81
			Total Equity	70,492,437.81
			Current Liabilities Payable	401,000.00
			from Restricted Assets:	
			Current Portion of 2013 Revenue Bonds	56,077.75
			Accrued Interest Payable	523,276.00
			Customer Deposits	1,253.97
			Interest on Customer Deposits	981,607.72
			Total	983,746.43

Kerrville Public Utility Board  
 Detail of Fund Balances from Funds Invested in Government Securities For the Month Of  
 September 2020

	Revenue Fund	Construction Fund	Rate Stabilization Fund	Long Term Rate Stabil. Fund	Debt Reserve Fund	Restricted		Total Funds Invested
						Interest & Sinking Fund	Emergency, Repair, Replace & Contingency Fund	
Beginning of the Month Balance	10,943,712.24	2,357,544.26	1,896,740.46	723,515.38	-	378,508.02	3,552,539.94	19,852,560.30
Maturities and/or Withdrawals:								
TEXPOOL-TML Insurance	(52,183.40)							(52,183.40)
TEXPOOL-TMRS	(70,556.16)							(70,556.16)
TEXPOOL-LCRA	(522,046.52)							(522,046.52)
TEXPOOL-CPS Energy	(1,747,786.25)							(1,747,786.25)
TEXPOOL-NextEra	(485,088.00)							(485,088.00)
TEXPOOL-ERCOT	(90,350.59)							(90,350.59)
TEXPOOL-ERCOT								
TEXPOOL-City of Garland	(89,650.22)							(89,650.22)
TEXPOOL-DG Southwest Solar LLC	(58,713.05)							(58,713.05)
TEXPOOL-Withdrawal to Chkg	(1,000,000.00)							(1,000,000.00)
Hunt Emergency Transformer Replaceme	696,920.00	(696,920.00)						
Investments:								
TEXPOOL	300,000.00							300,000.00
TEXPOOL	200,000.00							200,000.00
TEXPOOL	400,000.00							400,000.00
TEXPOOL	300,000.00							300,000.00
TEXPOOL	500,000.00							500,000.00
TEXPOOL	500,000.00							500,000.00
TEXPOOL	200,000.00							200,000.00
TEXPOOL	400,000.00							400,000.00
TEXPOOL	700,000.00							700,000.00
Transfer City Interest Payment	11,024,258.05	1,660,624.26	1,896,740.46	723,515.38	-	378,508.02	3,552,539.94	19,236,186.11
Allocation of:								
mo int earned to the separate funds	1,085.63	216.36	177.45	67.69	-	36.35	332.37	1,915.85
Transfer of interest to I & S Fund								
Interest Receivable (accrued on CD)	5,864.39						1,643.84	7,508.23
Interest Receivable (accrued on CD)								
Tot Fund Bal after int allocation & Xfer	11,031,208.07	1,660,840.62	1,896,917.91	723,583.07	-	378,544.37	3,554,516.15	19,245,610.19
Interfund transfers	(44,592.61)					44,592.61		
Total Fund Balance at End of Month	10,986,615.46	1,660,840.62	1,896,917.91	723,583.07	-	423,136.98	3,554,516.15	19,245,610.19

Kernville Public Utility Board  
 Computation of the Monthly and Year to Date Debt Service Coverage  
 For the Fiscal Year Ended September 30, 2020

before audit	Current Month	Fiscal Year	Previous Twelve Months
Description			
Net Income	482,672.56	3,599,936.61	3,599,936.61
Plus:			
Interest Expense (net of amortizations)	5,650.55	91,400.94	91,400.94
Depreciation Expense	282,445.24	3,432,186.38	3,432,186.38
Miscellaneous Amortizations	-	-	-
	-	-	-
Numerator	770,768.35	7,123,523.93	7,123,523.93
DIVIDED BY:			
Interest Expense (net of amortizations)	5,650.55	91,400.94	91,400.94
Principal Payment Paid and due	33,416.67	400,250.00	400,250.00
Denominator	39,067.22	491,650.94	491,650.94
Debt Service Coverage Ratio	19.73	14.49	14.49
Minimum Requirement per Bond Covenant			1.35 times Debt Service
Minimum Requirement Established by KPUB Board for Good Business Practices			1.65

Kerrville Public Utility Board  
 Summary of Selected Financial and Operating Ratios

September-20

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		APPA		APPA		Owned
					S. W. Region	S. W. Customers	20,000-50,000	50,000 Cust.	S. W. Regionalties (U.S.)	alties (x	
All Retail Cus	46,960,677	494,571,058	0.095	0.089	0.086	0.086	0.086	N/A	0.086	N/A	0.086
FY 2012	42,927,648	492,342,590	0.087	0.089	0.086	0.086	0.087	N/A	0.087	N/A	0.079
FY 2013	37,178,226	460,974,578	0.081	0.090	0.089	0.085	0.085	N/A	0.085	N/A	
FY 2014	39,512,239	496,392,874	0.080	0.094	0.087	0.099	0.099	N/A	0.099	N/A	
FY 2015	42,463,400	495,885,573	0.086	0.097	0.088	0.940	0.940		0.940		
FY 2016	33,961,264	479,917,532	0.071	0.098	0.095	0.098	0.098		0.098		
FY 2017	39,685,883	466,665,272	0.085	0.098	0.091	0.096	0.096		0.096		
FY 2018	42,208,338	500,063,719	0.084								
FY 2019	41,913,910	504,939,128	0.083								
FY 2020	41,987,909	496,894,907	0.085								
All Residential	26,498,167	265,000,877	0.100	0.097	0.091	0.094	0.094	N/A	0.094	N/A	
FY 2012	23,870,503	259,951,293	0.092	0.098	0.095	0.097	0.097	N/A	0.097	N/A	
FY 2013	20,130,407	243,190,541	0.083	0.098	0.100	0.096	0.096	N/A	0.096	N/A	
FY 2014	21,665,694	271,751,425	0.080	0.103	0.098	0.104	0.104	N/A	0.104	N/A	
FY 2015	23,662,827	269,571,423	0.088	0.106	0.100	0.102	0.102		0.102		
FY 2016	18,472,374	255,942,839	0.072	0.106	0.105	0.107	0.107		0.107		
FY 2017	21,423,482	245,964,874	0.087	0.106	0.105	0.106	0.106		0.106		
FY 2018	23,605,191	272,787,300	0.087								
FY 2019	23,338,018	278,703,036	0.084								
FY 2020	23,973,796	282,945,332	0.085								
All Commercial	19,938,590	229,570,181	0.087	0.094	0.085	0.087	0.087	N/A	0.087	N/A	
FY 2012	18,547,551	232,391,297	0.080	0.098	0.087	0.098	0.098	N/A	0.098	N/A	
FY 2013	16,437,879	217,784,037	0.075	0.097	0.097	0.095	0.095	N/A	0.095	N/A	
FY 2014	17,227,506	224,641,449	0.077	0.102	0.088	0.105	0.105	N/A	0.105	N/A	
FY 2015	18,219,622	226,314,150	0.081	0.095	0.088	0.101	0.101		0.101		
FY 2016	14,693,500	223,974,693	0.066	0.100	0.094	0.102	0.102		0.102		
FY 2017	17,325,564	220,700,398	0.079	0.093	0.092	0.103	0.103		0.103		
FY 2018	17,768,280	227,276,419	0.078								
FY 2019	17,678,626	226,236,092	0.078								
FY 2020	17,347,629	213,949,575	0.081								

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 Cla	46,960,677	21,551	2,179	N/A	N/A	N/A	N/A
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	41,987,909	23,162	1,813				
Residential:							
FY 2011	26,498,167	17,834	1,486	N/A	N/A	N/A	N/A
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	23,973,796	19,282	1,243				
Commercial:							
FY 2011	19,938,590	3,718	4,869	N/A	N/A	N/A	N/A
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	17,347,629	3,880	4,471				



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 availability of assets.

FY	Debt	Total Assets	Ratio	(A)		APPA	
				Non-Gen. Utilities Region	S. W. Customers	20,000-50,000 Customers	50,000 Cust. S. W. Region
FY 2011	14,615,074	53,838,448	0.27	0.285	0.419	0.271	N/A
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	10,967,316	84,000,570	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)		APPA	
				Non-Gen. Utilities Region	S. W. Customers	20,000-50,000 Customers	50,000 Cust. S. W. Region
FY 2011	42,539,909	46,960,677	0.906	0.896	0.839	0.858	N/A
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	0.881	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	35,316,500	41,987,909	0.841				

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)		S. W. Utilities Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
				Non-Gen.	S. W.			
FY 2011	18,560,105	7,874,419	2.36	N/A	3.54		2.85	N/A
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	20,751,686	4,860,865	4.27					

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)		S. W. Utilities Region	20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
			Dollar	Non-Gen.	S. W.				
FY 2011	2,399,199	46,960,677	0.051	N/A	0.056		0.048	N/A	
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				
FY 2018	2,420,526	42,208,338	0.057						
FY 2019	3,996,518	41,913,910	0.095						
FY 2020	3,597,577	41,987,909	0.086						

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		20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
			Per Revenue Dollar	(A) Non-Gen. Utilities Region		
FY 2011	955,589	46,960,677	0.020	N/A	0.056	0.048
FY 2012	3,663,835	42,927,648	0.085	N/A	0.080	0.043
FY 2013	2,417,251	37,178,226	0.065	N/A	0.098	0.039
FY 2014	2,312,206	39,512,239	0.059	N/A	0.054	0.041
FY 2015	1,169,602	42,463,400	0.028	N/A	0.053	0.097
FY 2016	1,098,213	33,961,264	0.032	N/A	0.083	0.116
FY 2017	1,746,181	39,885,883	0.044	N/A	0.048	0.070
FY 2018	1,073,831	42,208,338	0.025			
FY 2019	2,630,486	41,913,910	0.063			
FY 2020	2,313,174	41,987,909	0.055			

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		20,000-50,000 Customers	APPA 50,000 Cust. S. W. Region
			(A) Non-Gen. Utilities Region	(A) S. W. Region		
FY 2011	5,879,328	2,256,874	2.61	N/A	2.87	2.46
FY 2012	7,267,396	2,613,683	2.78	N/A	2.88	2.48
FY 2013	5,879,328	2,256,874	2.61	N/A	2.33	3.86
FY 2014	6,004,370	583,468	10.29	N/A	2.84	1.97
FY 2015	5,077,773	529,098	9.60	N/A	4.34	4.34
FY 2016	5,202,893	531,907	9.78	N/A	3.09	3.80
FY 2017	6,652,372	531,470	12.52	N/A	2.16	4.36
FY 2018	6,528,367	521,953	12.51			
FY 2019	7,350,510	504,395	14.57			
FY 2020	7,123,524	491,651	14.49			

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)		APPA	
				Non-Gen. Utilities Region	S. W. Region	20,000-50,000 Customers	50,000 Cust. S. W. Region
FY 2011	42,539,909	494,571,058	0.086	0.067	0.066	0.074	N/A
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	35,316,500	496,894,907	0.071				

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)		APPA	
				Non-Gen. Utilities Region	S. W. Region	20,000-50,000 Customers	50,000 Cust. S. W. Region
FY 2011	6,200,533	21,612	287	N/A	418	412	N/A
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	7,824,894	23,306	336				

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)		(A)		APPA	
				Non-Gen. Utilities	S. W. Region	Non-Gen. Utilities	S. W. Region	20,000-50,000 Customers	50,000 Cust. S. W. Region
FY 2011	36,339,376	494,571,058	0.073	0.067	0.053	0.057	N/A		
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	27,491,606	496,894,907	0.055						

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)		(A)		APPA	
				Non-Gen. Utilities	S. W. Region	Non-Gen. Utilities	S. W. Region	20,000-50,000 Customers	50,000 Cust. S. W. Region
FY 2011	36,339,376	528,148,925	0.069	0.062	0.056	0.053	N/A		
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	27,491,606	520,199,443	0.053						

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' Non-Gen. Utilities	(D) Rate(Fitch 'A' Non-Gen. Utilities)	Rated
FY 2011	4,445,655	39,223,374	0.8982	N/A	N/A	N/A	N/A	N/A
FY 2012	2,047,140	43,200,103	0.9548	N/A	N/A	N/A	N/A	N/A
FY 2013	N/A	45,592,901	N/A	N/A	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	N/A
FY 2015	5,612,000	55,449,347	0.9452	N/A	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	N/A
FY 2017	4,858,000	65,359,529	0.9538	N/A	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	70,492,438	0.9673					

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	(A) Cost per Customer	(A) Non-Gen. Utilities	(A) S. W. Region	(A) 20,000-50,000 Customers	(B) APPA 50,000 Cust. Region	(B) Invtr Owned Utilities (U.S.)
FY 2011	2,850,748	21,612	131.91	149	135	148	N/A	N/A
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	3,771,378	23,306	161.82					

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)		APPA		(B)
				Non-Gen. Utilities Region	S. W. Customers	20,000-50,000 Customers	50,000 Cust. Invt. Owned S. W. Region Utilities (U.S.)	
FY 2011	999,927	21,551	46.40	N/A	64	55	N/A	N/A
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	855,080	23,162	36.92					

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)		APPA		(B)
				Non-Gen. Utilities Region	S. W. Customers	20,000-50,000 Customers	50,000 Cust. Invt. Owned S. W. Region Utilities (U.S.)	
FY 2011	2,383,448	21,551	110.60	N/A	156	144	N/A	N/A
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	3,185,683	23,162	137.54					

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	ERCOT		ERCOT		Fitch		Fitch	
				Non-Gen. Utilities	Gen. Utilities	Non-Gen. Utilities	Gen. Utilities	'AA' Non-Gen. Utilities	'A' Non-Gen. Utilities		
FY 2011	8,896,887	42,539,909	77	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FY 2012	8,805,915	35,593,689	91	N/A	N/A	N/A	N/A	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	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	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	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	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	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	18,894,727	35,316,500	195								

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)		(A)		20,000-50,000 Customers
					Non-Gen. Utilities	S. W. Region	Non-Gen. Utilities	S. W. Region	
FY 2011	528,148,925	494,571,058	0.9364	6.36%	0.0294	0.043	0.0362	0.0362	
FY 2012	508,561,630	488,605,371	0.9608	3.92%	0.0391	0.043	0.0377	0.0377	
FY 2013	494,069,520	460,974,578	0.9330	6.70%	0.0367	0.088	0.0379	0.0379	
FY 2014	526,606,827	496,392,874	0.9426	5.74%	0.0330	0.038	0.0314	0.0314	
FY 2015	528,997,459	495,885,573	0.9374	6.25%	0.0308	0.040	0.0338	0.0338	
FY 2016	503,332,952	479,917,532	0.9535	4.65%	0.0395	0.041	0.0382	0.0382	
FY 2017	501,525,275	466,665,272	0.9305	6.95%	0.0367	0.041	0.0348	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%					



18) Working Capital Balance:

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

FY	Current Assets	Current Liabilities	Working Capital
FY 2011	15,047,052	7,097,889	7,949,163
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	20,751,686	4,860,865	15,890,820

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 as a % of Receivables	Writeoffs as a % of Operating Rev.
FY 2011	7,021,458	4,529,890	91,241	84,473	1.30%	0.0018
FY 2012	6,959,804	4,400,760	90,000	67,387	1.23%	0.0097
FY 2013	4,926,079	3,019,839	73,159	49,333	1.49%	0.0013
FY 2014	5,261,521	3,352,658	43,500	48,678	0.83%	0.0093
FY 2015	5,932,335	4,133,604	70,100	88,186	1.19%	0.0021
FY 2016	4,211,272	2,561,150	53,857	18,728	1.28%	0.0044
FY 2017	4,791,603	2,849,936	76,419	46,547	1.59%	0.0097
FY 2018	4,431,069	2,310,201	86,344	58,000	1.95%	0.0131
FY 2019	4,248,616	2,390,972	73,244	55,000	1.72%	0.0129
FY 2020	3,979,864	2,383,066	104,813	42,000	2.63%	0.0106

	Q 1 TOTAL	Q 2 TOTAL	Q 3 TOTAL	Jul-20	Aug-20	Sep-20	GRAND TOTAL
CITY OF KERRVILLE	345,731.09	325,366.36	270,913.56	97,304.56	110,657.49	142,404.23	1,292,377.29
LOWER COLORADO RIVER AUTHORITY	19,128.49	402,208.02	312.00	22,500.00	394,165.24	1,377.81	839,691.56
SPX TRANSFORMER SOLUTIONS INC	696,920.00	-	-	-	-	-	696,920.00
TEXAS ELECTRIC COOPERATIVES INC	106,904.01	95,212.38	170,700.33	13,728.83	23,730.62	29,894.80	440,170.97
TOWNSEND TREE SERVICE COMPANY LLC	-	29,152.73	113,994.56	143,922.73	17,671.96	50,296.79	355,038.77
NISC INC	87,342.84	82,740.62	80,204.81	25,565.78	28,535.80	27,321.46	331,711.31
GREENSTONE ELECTRICAL SERVICES LI	13,943.00	215,588.69	35,133.80	33,147.50	23,055.00	18,681.25	264,665.49
SCHNEIDER ENGINEERING INC	65,571.59	32,112.66	48,503.75	10,550.51	16,093.26	37,176.60	221,071.75
TECHLINE INC	38,347.34	46,375.86	63,222.63	2,320.50	21,810.00	279.00	211,766.20
ANIXTER INC	62,639.68	74,230.31	40,632.79	-	-	-	201,912.28
NATIONAL TREE EXPERT CO INC	102,224.41	75,473.13	3,955.60	32,098.94	-	9,357.56	181,653.14
LANDIS+GYR TECHNOLOGY INC	-	24,000.00	92,818.36	140,353.60	-	-	158,274.86
JAMES POWER LINE CONSTRUCTION LLC	-	-	-	10,571.55	6,552.45	1,448.75	140,353.60
GDS ASSOCIATES	14,963.15	44,950.41	54,977.11	128,895.00	-	-	133,463.42
TSE INTERNATIONAL	-	-	-	18,833.22	5,651.71	9,386.13	128,895.00
CARD SERVICE CENTER	33,732.56	40,769.56	12,587.48	770.00	4,437.94	23.56	120,960.66
KBS ELECTRICAL DISTRIBUTORS INC	31,393.75	61,277.82	18,025.25	2,385.00	-	45,998.66	115,928.32
COMPUER SOLUTIONS	59,400.64	867.20	1,609.78	-	-	-	110,261.28
DAVEY RESOURCE GROUP	105,000.00	-	-	-	-	-	105,000.00
KEN STOEPEL FORD	-	94,784.93	-	9,811.21	115.00	-	94,784.93
DELLMARKETING LP	39,042.61	2,195.00	37,012.39	5,157.33	5,383.50	-	88,176.21
DAVIDSON TROILO REAM & GARZA	3,844.73	31,843.03	29,156.88	-	-	7,050.93	82,436.40
MAXEY ENERGY COMPANY	17,729.33	17,861.04	9,541.80	-	-	31,576.86	76,709.03
STUART C IRBY COMPANY	6,471.88	28,046.46	5,713.50	27,890.02	34,081.44	335.48	74,648.76
CITY OF INGRAM	-	32,045.28	-	-	-	-	59,935.30
MCFARLAND CASCADE	56,255.00	-	-	-	-	-	56,255.00
OSMOSE UTILITIES SERVICES INC	34,445.29	-	21,527.75	-	-	-	55,973.04
WESCO DISTRIBUTION INC	5,824.02	19,959.61	5,769.23	3,982.52	9,019.99	10,382.27	54,937.64
COOPERATIVE RESPONSE CENTER INC	13,205.94	11,740.50	15,625.56	4,075.65	4,598.45	4,721.04	53,967.14
LINETEC SERVICES LLC	-	-	1,869.00	-	51,199.03	-	53,068.03
KRAUSS GARAGE	12,478.21	8,339.53	17,579.09	2,460.62	6,340.92	4,353.97	51,552.34
KERRVILLE ECONOMIC DEVELOPMENT C	50,000.00	-	-	-	-	-	50,000.00
SHI GOVERNMENT SOLUTIONS INC	32,831.02	8,928.42	3,594.00	-	3,675.50	-	49,028.94
SURVALENT TECHNOLOGY INC	23,800.00	-	-	-	-	24,514.00	48,314.00
COOPER POWER SYSTEMS	-	-	44,609.29	-	-	-	44,609.29
RAPID7 LLC	23,875.00	4,938.00	-	-	-	-	42,063.00
USIC LOCATING SERVICES INC	8,920.20	9,292.42	9,837.59	3,107.67	2,904.20	13,250.00	37,055.57
BOLINGER, SEGARS, GILBERT & MOSS L	34,500.00	2,000.00	-	-	-	2,993.49	36,500.00
AMERICAN FIDELITY ASSURANCE CO	8,419.26	8,419.26	8,419.26	2,806.42	2,806.42	2,806.42	33,677.04
SECUREWORKS INC	-	33,481.00	-	-	-	-	33,481.00
JUAN JOSE MARTINEZ JR	6,000.00	6,000.00	6,000.00	7,800.00	3,000.00	3,175.00	31,975.00
US PAYMENTS, LLC	-	-	31,563.97	-	-	-	31,563.97
KERRVILLE PUBLIC UTILITY BOARD-ELEC	7,755.29	7,572.94	4,609.74	4,561.27	3,118.46	3,178.59	30,796.29
WINDSTREAM COMMUNICATIONS	7,920.71	7,936.65	7,212.36	2,662.13	1,971.26	2,313.46	30,016.57
D W ELECTRIC CO., INC.	581.05	18,731.29	18,731.29	9,197.00	-	-	28,509.34
METROPOLITAN LIFE INS CO	4,441.25	9,087.10	7,176.98	2,290.10	2,207.55	2,276.10	27,479.08
AMERICAN PUBLIC POWER ASSN CORP	50.00	785.00	20,213.49	2,150.00	1,210.00	1,269.00	25,677.49

CITY OF SEGUIN	4,187.07	7,203.41	25,083.97	1,957.04	2,225.45	2,097.52	25,083.97
VERIZON WIRELESS			7,337.22				25,007.71
WAINWRIGHT ELECTRIC LLC			21,900.00				21,900.00
TEXAS PUBLIC POWER ASSOC	450.00	3,475.00	-		17,257.00		21,182.00
E COMPLIANCE INC			20,263.95				20,263.95
MCCORD ENGINEERING INC		13,908.55	4,359.29				18,267.84
ALL POINTS COMMUNICATIONS, INC.	535.31	6,532.83	4,349.37	1,398.16	199.80	4,342.50	17,357.97
M&S ENGINEERING		3,752.00	6,471.10	7,020.00			17,243.10
CALEB BECKERD MIZELL	17,146.00	-	-				17,146.00
MAC CONSULTING	16,851.30	-	-				16,851.30
VERDEK		15,740.00	80.00				15,820.00
SOLARWINDS	14,891.34	-	-				14,891.34
ADVANTAGE TOWERS LLC	7,245.00	-	-				14,490.00
CENTRAL TEXAS ELECTRIC COOPERATIVE						7,245.00	13,613.71
HILL COUNTRY TELEPHONE COOPERATI	3,368.76	3,336.84	3,645.31	910.48	875.48		13,132.40
INCEPTION CONCEPTS LLC	5,256.40	-	7,257.58			995.53	12,513.98
FR DEPOT	2,502.37	9,323.74	-				11,826.11
PRESIDIO NETWORKED SOLUTIONS GROUP, LLC						11,130.73	11,130.73
KEL-CO LANDSCAPING & LAWN SERVICE	1,800.00	2,700.00	2,700.00	1,800.00	900.00	900.00	10,800.00
ALTEC INDUSTRIES, INC.		3,393.72	4,319.16	2,618.90	365.45	-	10,697.23
LONESTAR FIELD SERVICES	605.00	2,145.00	1,760.00	2,255.00	3,481.55		10,246.55
FEDRESULTS INC		-	-	10,000.00			10,000.00
	2,256,471.89	1,967,093.01	1,422,881.93	798,859.24	809,297.92	528,168.20	7,782,772.19

Accounts Payable  
Check Register

07/01/2020 To 09/30/2020

Bank Account: 1 - BANK 1

Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
339 07/02/2020	WIRE	892	CARD SERVICE CENTER	CARD ENDING IN 0511-L. DEWITT	14,042.01
1157 07/02/2020	DD	1531	TOWNSEND TREE SERVICE COMPANY	TREE TRIMMING SERVICES NTX22 WE05302020	44,718.70
1159 07/09/2020	DD	20989	GDS ASSOCIATES	PHASE II OF PUC TCOS FILING	10,195.30
1167 07/16/2020	DD	108	CITY OF KERRVILLE	3% GROSS REVENUES FEE-JUNE	97,140.71
1173 07/16/2020	DD	5415	SCHNEIDER ENGINEERING, INC.	GENERAL SUBSTATION ENGINEERING	28,305.00
1176 07/16/2020	DD	1531	TOWNSEND TREE SERVICE COMPANY	TREE TRIMMING SERVICES NTX22 STORM WO	14,676.12
1182 07/23/2020	DD	25169	NISC, INC.	SOFTWARE/MAPPING & STAKING SUPPORT-JUNE	25,565.78
1183 07/23/2020	DD	1531	TOWNSEND TREE SERVICE COMPANY	TREE TRIMMING SERVICES NTX22 WE04042020	84,527.91
1188 07/30/2020	DD	1272	LANDIS+GYR TECHNOLOGY INC	MONTHLY ENDPOINT SAAS FEE JULY	29,026.46
1198 08/06/2020	DD	17273	STUART C. IRBY COMPANY	50 KVA OH TRANSFORMER	24,792.00
1201 08/06/2020	DD	1531	TOWNSEND TREE SERVICE COMPANY	TREE TRIMMING SERVICES NTX22 WE07112020	10,866.70
1206 08/13/2020	DD	108	CITY OF KERRVILLE	3% GROSS REVENUES FEES-JULY	110,657.49
1210 08/13/2020	DD	1147	LINETEC SERVICES LLC	STORM ASSISTANCE-WO4011485	51,199.03
1212 08/13/2020	DD	25169	NISC, INC.	BILLING SOFTWARE SUPPORT-JULY	27,665.80
1213 08/13/2020	DD	5415	SCHNEIDER ENGINEERING, INC.	GENERAL SUBSTATION ENGINEERING	21,516.25
1215 08/13/2020	DD	70	TECHLINE INCORPORATED	WASP/HORNET SPRAY	12,924.24
1225 08/20/2020	DD	18391	TEXAS ELECTRIC COOPERATIVES, INC.	40FT CL 4 WOOD CREOSOTE POLES	12,767.37
1228 08/27/2020	DD	1166	ANIXTER INC	75KVA OH TRANSFORMER 120/240	21,810.00
1242 09/03/2020	DD	1065	RAPID7 LLC	CYBER SECURITY MATURITY ASSESSMENT	13,250.00
1246 09/10/2020	DD	108	CITY OF KERRVILLE	3% GROSS REVENUES FEES-AUGUST	142,027.24
1249 09/10/2020	DD	5415	SCHNEIDER ENGINEERING, INC.	GENERAL SUBSTATION ENGINEERING	14,486.25
1250 09/10/2020	DD	70	TECHLINE INCORPORATED	URD SPLICE	31,474.70
1262 09/17/2020	DD	25169	NISC, INC.	SOFTWARE MAINT/MAPPING&STAKING-AUGUST	27,321.46
1267 09/17/2020	DD	18391	TEXAS ELECTRIC COOPERATIVES, INC.	FIELD TOOL KIT	18,400.00
1270 09/18/2020	DD	1531	TOWNSEND TREE SERVICE COMPANY	TREE TRIMMING SERVICES NTX23 WE07112020	38,211.59
131676 07/02/2020	CHK	15728	TSE INTERNATIONAL	UNIT#3192-TENSIONER REPLACEMENT	128,895.00
131692 07/09/2020	CHK	24813	JAMES POWER LINE CONSTRUCTION L	KPUB STORM ASSISTANCE/EXPENSES	140,353.60
131710 07/16/2020	CHK	426	CITY OF INGRAM	2% GROSS REVENUES FEE/2% ASSESSMENT FEE	27,890.02
131765 07/30/2020	CHK	1473	FEDRESULTS, INC	VALIMAIL ENFORCE	10,000.00
131771 07/30/2020	CHK	110	LOWER COLORADO RIVER AUTHORITY INGRAM	SUBSTATION PANEL REPLACEMENT	14,000.00

Accounts Payable  
Check Register

07/01/2020 To 09/30/2020

Bank Account: 1 - BANK 1	Check / Tran Date	Pmt Type	Vendor	Vendor Name	Reference	Amount
	131824 08/13/2020	CHK	110	LOWER COLORADO RIVER AUTHORITY	MATERIALS AGGREGATION(6 MONTHS)	386,569.41
	131826 08/13/2020	CHK	52	MAXEY ENERGY COMPANY	FLEET FUEL-UNLEADED 4900GALLONS	16,881.00
	131834 08/13/2020	CHK	15013	TEXAS PUBLIC POWER ASSOC.	ANNUAL MEMBERSHIP DUES 8/20-7/21	17,257.00
	131906 09/03/2020	CHK	21911	CENTRAL TEXAS ELECTRIC COOPERAT	KPUB OUTAGE AID REIMBURSEMENT 5/27/20	13,613.71
	131920 09/03/2020	CHK	1337	PRESIDIO NETWORKED SOLUTIONS GR	FALCON ENDPOINT PROTECTION/SUPPORT	11,130.73
	131937 09/10/2020	CHK	273	COMPUTER SOLUTIONS	THREAT PREVENTION SOFTWARE SUBSCRIPTION	35,428.73
	131967 09/17/2020	CHK	52	MAXEY ENERGY COMPANY	FLEET DIESEL FUEL-4899 GALLONS	14,695.86
	131971 09/17/2020	CHK	225	SURVALENT TECHNOLOGY INC	SCADA PLATINUM ANNUAL SUPPORT 9/20-9/21	24,514.00
				<b>Total for Bank Account - 1 :</b>		<b>(38)</b>
				<b>Grand Total :</b>		<b>(38)</b>

## MEMORANDUM

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

From: Howard Hall

Date: October 12, 2020

Re: Agenda Item No. 9 – Approval and Reporting of Purchases and Sales

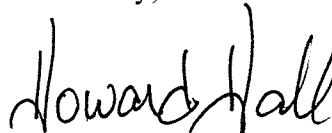
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Presented for your consideration and review are the recommendations for purchase of goods or services.

- A. Fleet Purchase.** Staff is recommending the approval of a purchase order to TSE International, for a total of \$82,814 to purchase a TSE Model 30/36 Combination Trailer Mounted Tensioner/Reel Carrier. We received two quotes on this type of machine. TSE International quoted \$50,268 for the unit and an additional \$32,546 for the accessories. Altec, Inc. quoted \$48,790 for the base model and an additional \$28,500 for the accessories but do not offer a diesel engine for this type of machine. This unit will replace Unit 3186, 2000 TSE Tension/Reel Carrier. A total of \$100,000.00 was budgeted for this purchase. Attached are the two quotes.
- B. Fleet Purchase.** Bid No's. 2784/2785 – Two ½ ton Single Cab Pick-ups. Staff is recommending approval of a purchase order to Ken Stoepel Ford in the amount of \$53,735.34, for the purchase of two ½ ton Single Cab Pick-ups that will be replacing Unit 3228 (2012 Ford pick-up with approximately 93,000 miles). The other pick up will be an addition to the fleet. The bids were sent out to five dealerships with three that responded (bid log sheet attached). A total of \$55,000 was budgeted for the two pick-ups.
- C. Fleet Sale.** The following equipment was auctioned and sold thru JJ Kane Auctioneers. Unit 3192, 2001 TSE Tension/Reel Carrier for \$5250. The amount mentioned is the price after the auctioneer percentage was deducted from the sale price.

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

Sincerely,

  
Howard Hall





- \* Maximum reel diameter capacity is 72 in.
- \* Maximum reel width capacity is 54 in.
- \* Maximum reel weight capacity is 7,000 lbs.

Reel Shaft

- \* The reel shaft is 2-5/8 inches in diameter.
- \* Equipped with a double drive arm with 2 adjustable drive pins, a clamp type locking collar and lifting loops.
- \* The reel shaft is mounted on replaceable bronze full circle sleeve bearings with grease fittings for smooth operation and long life.
- \* The reel tensioning brake is a 16 in. diameter bronze, ventilated disc with a manually adjustable caliper. The reel brake provides adequate tension to prevent over spin of the reel as it enters the bull wheel tensioning module.
- \* The reel shaft is designed for quick reel change. The reel and shaft are lifted straight up with no side shift required to remove the assembly. No tools or adjustments to the over spin brake are required.

Trailer and Undercarriage

- \* Tandem axle set with 12,000 lbs. capacity, spring type with electric brakes and a break away switch.
- \* Two breakaway safety chains with hooks.
- \* Four ST235/80R-16 tires each having a capacity of 3520 lbs.
- \* Standard LED lighting with a dual tail light system.
- \* Heavy duty, crank type, drop leg mechanical tongue and rear jacks.
- \* 3" pintle hitch adjustable to 4 height positions using pin type connections which do not require tools for adjustment.
- \* The trailer frame and tongue is constructed of tubular steel and is fully welded.
- \* Heavy duty checker plate fenders.
- \* The unit is sandblasted, primed and painted with two coats of enamel finish paint.

**Basic Unit Price .....\$ 50,268.00 ea.**

**OPTIONS AVAILABLE FOR PURCHASE**

1.1	1 qty.	Hydraulic Rewind.....	\$ 6,975.00
1.2	1 qty.	18 H.P. Gasoline Power Pack.....	\$ 7,417.00
1.3	1 qty.	13.7 H.P. Diesel Power Pack.....	\$14,358.00
1.3	1 qty.	Operators Seat and Safety Screen.....	\$ 650.00
1.4	1 qty.	Operator's Screen and Bullwheel Guard.....	\$ 3,500.00
1.5	3 qty.	Hydraulic Jacks.....	\$ 5,167.00
1.6	1 qty.	Hydraulic Bronze Over spin Breaks.....	\$ 1,896.00



F.O.B.: Shreveport, LA  
Delivery: **10 - 12 weeks** after receipt of order  
*Subject to change due to production schedule at time of order*  
Terms: Net 30 days

If we can assist you in any way, please let us know.

Sincerely,

Casey Gault, TSE Territory Account Manager

## TC082020

**TSE INTERNATIONAL INC.**  
5301 Shreveport-Blanchard Hwy.  
Shreveport, Louisiana, 71107, USA  
herein referred to as "TSE"

### GENERAL CONDITIONS OF SALE

- I. Design and improvement of our equipment is a continuous process. TSE therefore reserves the right to make design improvements after receipt of an order. Photographs and other illustrations or advertising matter represent generally the goods offered, but are not binding on detail.
- II. Delivery dates are estimated as accurately as possible, but are not guaranteed in any way unless otherwise specifically provided for in this proposal.
- III. Unless otherwise specifically provided for in this proposal, this offer does not include a penalty clause of any kind and acceptance of this offer may not create, by its terms, any such penalty.
- IV. Prices quoted herein are based on current duty and currency exchange rates where applicable, and TSE reserves the right to adjust prices to compensate for any changes in these rates, should it be necessary to do so.
- V. Notwithstanding any conditions printed on the Purchaser's order form, in accepting this offer the Purchaser agrees to the following TERMS AND CONDITIONS OF SALE which are also detailed on the TSE Acknowledgement and Acceptance of Order Form, and these only will apply unless otherwise specifically provided in this proposal.

### TERMS AND CONDITIONS OF SALE

1. **CONTRACT OF SALE** – This order is accepted on, and is subject to, the terms and conditions set forth on the face hereof and below, none of which may be varied or added to except in writing, signed by TSE's duly authorized representative. Any inconsistent matters, terms or conditions in Purchaser's order or confirmation will not be binding on TSE. TSE HEREBY EXPRESSLY OBJECTS TO ANY ADDITIONAL OR DIFFERENT TERMS IN ANY OF PURCHASER'S DOCUMENTS.
2. **COMPLETION** – Unless otherwise provided on the face hereof, time for the completion of manufacture of the machinery and equipment covered by this order (hereinafter called the "Machinery") shall be computed from the date of this Acknowledgement and Acceptance of Order, or from the date on which TSE has received from the Purchaser any information, drawings, data, patterns, or other material which are to be supplied by the Purchaser and are necessary to proceed with the manufacture of the Machinery, whichever is the latest. TSE shall not be responsible for delays in delivery or any failure to deliver due to causes beyond its control including without limitation: acts of God or the public enemy; mobilization; blockades; embargoes; revolution; civil commotions; riots; fires; floods; winds; earthquakes; epidemics; quarantine restrictions; explosions; accidents; other catastrophes; strikes; slow-downs; lock-outs or other labor difficulties; the acts; laws or regulations of any government or governmental authority; federal, state, local or foreign, including safety, health and environmental regulations; unusual weather; delays of sub-contractors or supplies; or inability to obtain shipping facilities, labor raw materials, supplies, fuel or power.
3. **MINIMUM INVOICE** – The minimum single invoice or billing charge is \$100.00.

4. **PAYMENTS** – If payment of any part of the purchase price is not made as provided on the face thereof, TSE reserves the right to discontinue manufacture of the Machinery until such payment has been made and to revoke any further credit, whereupon TSE shall have the right to receive payment before any further shipment of Machinery. IN the case of any delay in payment or in establishing agreed security for payment, time for completion may, at TSE's option, be extended for a corresponding period. When any payment is due upon shipment of delivery and shipment is delayed for any cause beyond TSE's control, payment shall be made when the Machinery is ready for shipment. Purchaser agrees that any letters of credit or other guarantee of payment shall be maintained fully valid until final payment has been made. IF PAYMENT IS NOT MADE WITHIN THIRTY DAYS FROM THE DATE OF SHIPMENT UNDER THE TERMS OF THIS AGREEMENT, PURCHASER AGREES TO PAY TSE AN ADDITIONAL SUM EQUAL TO ONE AND ONE-HALF PERCENT (1 ½%) PER MONTH (18% PER ANNUM) OF THE UNPAID PURCHASE PRICE UNTIL PAYMENT IS MADE.
5. **SECURITY INTEREST** – TSE retains a vendor's lien in the Machinery to secure payment in full of the purchase price and any and all other payments which may be or become payable to TSE hereunder. If possession of the Machinery is given to the Purchaser before full payment, the Purchaser shall execute any additional instruments including with our limitation security agreements and financing statements necessary to perfect or maintain TSE's vendor's lien and shall pay or reimburse TSE for all filing or recording. In the event of default in payment of any installment of the purchase price when due, the entire balance thereof shall, at TSE's option, become immediately due and payable, and TSE shall have and may exercise all the rights of a secured party then in force under the laws of the State of Louisiana, United States or such other state as may then have jurisdiction over the Machinery, including without limitation the right to repossess the Machinery with or without legal process.
6. **DELIVERY AND PURCHASE PRICE** – Unless otherwise provided on the face hereof, delivery is to be made f.o.b. TSE's plant, Shreveport, Louisiana, United States. Risk of loss within the meaning of the Sale of Goods Act of the State of Louisiana shall pass to the Purchaser at the stated point of delivery. The purchase price includes ordinary packing for shipment, but if special packing or tie-down and blocking to anchor the machinery to the transport vehicle is required, TSE is to be reimbursed for the cost thereof. Any freight or insurance costs which may be included in the purchase price are based on rates at the date of this Acknowledgement and Acceptance of Order and any increase shall be paid by the Purchaser.
7. **WARRANTIES** – TSE MAKES NO WARRANTY THAT THE MACHINERY SHALL BE MERCHANTABILITY OR FIT FOR ANY PARTICULAR PURPOSE NOR DOES IT MAKE ANY OTHER WARRANTY, EXPRESS OR IMPLIED EXCEPT AS IS EXPRESSLY SET FORTH HEREIN. TSE warrants that the machinery will conform to the description of the face hereof; that it will convey good title thereto; that such goods will be delivered free from lawful security interest or other lien or encumbrance unknown to the Purchaser except as otherwise expressly provided herein. TSE warrants that it will repair f.o.b. its factory, or furnish without charge f.o.b. its factory, a similar part to replace any material in its machinery which, during the earlier of 90 days after the said machinery is put into operation or six months after the date of shipment of the machinery from its plant, is provided to the satisfaction of TSE to have been defective at the time it

was sold, provided that all parts claimed defective shall be returned, properly identified, to TSE's factory, charges prepaid.

8. This Warranty to repair applies only to new and unused machinery, which, after shipment from the factory of TSE, has not been altered, changed, repaired or treated in any manner whatsoever unless such alteration, change, repair or treatment has been previously authorized in writing by TSE or has been performed by the authorized service representative of TSE.
9. This Warranty to repair is the only Warranty either express, implied, or statutory, upon which the said machinery is sold; the company's liability in connection with this transaction is expressly limited to the repair or replacement of defective parts, all other damages and warranties, statutory or otherwise, being hereby expressly waived by the Purchaser.
10. TSE shall not be liable for any incidental or consequential damages for breach of any warranty and the Purchaser's sole remedy for breach of any warranty or for any negligence of TSE shall be set forth herein.
11. No representative of TSE has authority to change this Warranty or this contract in any manner whatsoever and no attempt to repair or promise to repair or improve the machinery covered by this contract by any representative of TSE and shall waive any consideration of the contract or change or extend this Warranty in any manner whatsoever.
12. **LIABILITY** – purchaser agrees to hold TSE harmless from, and to indemnify it against, any and all claims, demands, actions, and causes of action of any nature whatsoever, and any expenses incident to the defense thereof, for injury to or death of person and loss of or damage to property arising in connection with the Machinery from the assembly, erection, operation, or use thereof.
13. **TAXES** – All present and future sales, use, excise and similar taxes imposed by any federal, state, local or foreign government which TSE may be required to pay or collect with respect to the Machinery or the sale, transportation, storage, use or consumption thereof shall be for the account of the Purchaser to the extent permitted by law.
14. **NON-CANCELLABLE** – This order is not subject to cancellation or revision by the Purchaser except with TSE's written consent. Cancellation charges will be the greater of:
  - i) Fifteen percent (15%) of the total purchase price to cover Sales Administration and handling costs, or
  - ii) The cost of all unfinished material and the shop labor with overhead plus component cancellation charges from TSE's vendors if any, plus Engineering costs incurred with overhead, plus all sales and administrative overhead and profit in proportion to the state of completion of the

product at the time of cancellation of order. Upon payment to TSE as above provided, all equipment manufactured under the contract will become the property of the Purchaser.

15. **NON-ASSIGNABLE** – Neither this contract nor any interest herein is assignable or transferable without the express written consent of TSE.
16. **WAIVER** – Any waiver of either the Purchaser or TSE of a breach by the other of any provision of this contract of sale shall not be deemed a waiver of future compliance therewith, and all provisions shall remain in full force and effect, notwithstanding any such waiver.
17. **LIMITATION OF ACTION** – No action shall be brought by the Purchaser for any alleged breach by TSE of this Contract of Sale more than one (1) year after the occurrence of the cause of such alleged breach of contract.
18. **APPLICABLE LAW** – This contract shall be governed and construed according to the law of the State of Louisiana, United States.

#### **SPECIAL CONDITIONS FOR EXPORT SALES**

- A. **EXPORT LICENSE** – If any United States of America regulation requires an export license, TSE will apply for such license at its expense, and Purchaser agrees to furnish all information required for such license application. In case TSE is unable to secure an export license, the contract between the parties shall be cancelled without liability on either party.
- B. **IMPORT LICENSE** – If an import license is required, it is to be provided by Purchaser who will see that it remains valid and effective until the import has been completed.
- C. **REGULATIONS** – The making and performance of the contract between the parties are subject to compliance with all applicable laws and regulations of the United States Government and agencies thereof, and in case any such law or regulation should prevent TSE from performing or completing the contract in accordance with the terms thereof, then the contract may be terminated by TSE upon written notice to the Purchaser. In such event, TSE and any surety for TSE upon written notice will be relieved of all further obligation to proceed; any guaranty deposit or surety bond furnished by TSE shall immediately be returned to TSE and TSE is to be paid the proportion of the contract price, including profit, represented by the expenditure made and the obligations contracted to the date of such termination. Upon return to TSE of any guaranty deposit or surety bond and payment to TSE as above provided, all equipment manufactured under the contract will become the property of the Purchaser.

October 5, 2020  
Our 91st Year

**Ship To:**  
KERRVILLE PUBLIC UTILITY BOARD  
FIELD SERVICE  
GEORGETOWN, TX 78626  
US

**Bill To:**  
KERRVILLE PUBLIC UTILITY BOARD  
2250 MEMORIAL BLVD  
PO BOX 294999  
KERRVILLE, TX 78028-0000  
United States

**Altec Quotation Number:** 749565 - 1  
**Account Manager:** Arlan Wayne Smith  
**Technical Sales Rep:** Dustin Holder

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	<u>Unit</u>		
1.	Altec trailer mounted TS336-BW, 3,000 lb "Bullwheel Tensioner", one reel carrier, built in accordance with Altec's standard specifications and to include the following standard features:	1	
	A. Tensioning Rating: up to 3,000 lb line pull		
	B. Max Conductor Reel to Carry: weight of 8,000 lb, max dimensions of 84 inch dia x 51 inch wide		
	C. Unit dimensions: 18' 5" length, max width 8', travel height 8' 9"		
	D. Full operator's station with two-sided protective screen located on the curbside at the front of the trailer. The operator station is equipped with a seat and centrally locates all controls for the unit. Control functions include two (2) handwheel braking controls for increased tensioning meterability.		
	E. Twin 5-groove bullwheels that are 36" in diameter lined with removable urethane segments (groove radius = 0.75")		
	F. Arbor bar: 2-5/8" diameter arbor bar equipped with a drive arm that includes two (2) adjustable arbor bar drive pins and two (2) lifting loops		
	G. Storage box located at rear of trailer (40" length, 10" wide, 9" high including two (2) padlocks with keyed alike keys)		
	H. Three (3) tie off points at rear of trailer		
	I. Spring mounted tandem axles (16,000 lb capacity)		
	J. Trailer equipped with electric brakes		
	K. Four (4) wheels/tire combo (wheel 215/75/R17.5)		
	L. Rear Fenders: Full rear fenders are standard		
	M. Trailer 2.5" ID adjustable pintle eye, adjustable between 17.5" - 30.5" from ground, 42,000 lb MGTW, 7,000 lb vertical load		
	N. Safety Chains: Two (2) safety chains with hooks and safety latches are installed on the trailer tongue		
	O. Safety Breakaway Switch installed on the trailer tongue		
	P. Paint: Altec White		

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And Opportunity of Serving You

UTILITY EQUIPMENT AND BODIES SINCE 1929

<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
	<ul style="list-style-type: none"> <li>Q. Decals: All required decals come installed on the trailer unless otherwise specified by the customer</li> <li>R. Manuals: Two (2) Operator, Maintenance and Parts Manuals are provided with trailer</li> </ul>		
2.	Arbor Bar without Rewind (Standard)	1	
3.	Altec Preferred Trailer Plug, 6 Pin Round Connector	1	
4.	Manual jack (spring loaded) with handle located at tongue of trailer.	1	
5.	Two (2) manual jacks (spring loaded) with handles located at rear of trailer, one each side.	1	
6.	Oil Conoco ISO 22 grade for braking system	1	
7.	TS336-BW UNIT DESIGNATOR	1	
<b><u>Body and Chassis Accessories</u></b>			
8.	Wheel Chocks, Rubber, 9.75" L x 7.75" W x 5.00" H, with 4" L Metal Hairpin Style Handle (Pair)	1	
9.	Vinyl manual pouch for storage of all operator and parts manuals	1	
<b><u>Finishing Details</u></b>			
10.	Finish Paint Body Accessories Above Body Floor Altec White	1	
11.	Altec Standard; Components mounted below frame rail shall be coated black by Altec. i.e. step bumpers, steps, frame extension, pintle hook mount, dock bumper mounts, D-rings, receiver tubes, accessory mounts, light brackets, under-ride protection, etc. Components mounted to under side of body shall be coated black by Altec. i.e. Wheel chock holders, mud flap brackets, pad carriers, boxes, lighting brackets, steps, and ladders.	1	
12.	Apply Non-Skid Coating to all walking surfaces	1	
13.	English Safety And Instructional Decals	1	
14.	Completed Test Forms To Be Included In The Manual Pouch	1	
	<ul style="list-style-type: none"> <li>A. Stability Test Form</li> <li>B. Dielectric Test Form (For Insulating Units)</li> </ul>		
15.	Focus Factory Build	1	

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<u>Item</u>	<u>Description</u>	<u>Qty</u>	<u>Price</u>
16.	Delivery Of Completed Unit	1	
17.	As Built Electrical And Hydraulic Schematics To Be Included In The Manual Pouch	1	
18.	TS336-BW UNIT DESIGNATOR	1	
19.	Stock Unit	1	

**Additional Pricing**

20.	Standard Altec Warranty: One (1) year parts warranty, one (1) year labor warranty, ninety (90) days warranty for travel charges, limited lifetime structural warranty	1	
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Unit / Delivery Total 48,790.00

Total 48,790.00

Altec Industries, Inc.

BY \_\_\_\_\_

Dustin Holder

**Notes:**  
1 RECOMMENDED OPTIONS AND ACCESSORIES: These options are not included in the quote total price. Selected options will change the quote total. Any options added after initial order will be re-quoted.

1. Capstan (Includes Levelwind) : Add \$17,500

2. Front Hydraulic Jacks : Add \$2,000

3. Rear Hydraulic Jacks : Add \$4,000

4. \*\*\*Arbor Bar with Rewind\*\*\* : Add \$5,000

\*\*\*If option is selected, estimated lead time will be 90-120 days ARO\*\*\*

2 Altec Standard Warranty:

One (1) year parts warranty.

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One (1) year labor warranty.

Ninety (90) days warranty for travel charges.

Warranty on structural integrity of the following major components is to be warranted for so long as the initial purchaser owns the product: Booms, boom articulation links, hydraulic cylinder structures, outrigger weldments, pedestals, subbases and turntables.

Altec is to supply a self-directed, computer based training (CBT) program. This program will provide basic instruction in the safe operation of this aerial device. This program will also include and explain ANSI and OSHA requirements related to the proper use and operation of this unit.

Altec offers its standard limited warranty with the Altec supplied components which make up the Altec Unit and its installation, but expressly disclaims any and all warranties, liabilities, and responsibilities, including any implied warranties of fitness for a particular purpose and merchantability, for any customer supplied parts

Altec designs and manufactures to applicable Federal Motor Vehicle Safety and DOT standards

3 F.O.B. - Destination

4 Altec values your data privacy. The Altec Family of Companies (including Altec, Inc., and its subsidiaries) may collect telematics data from the equipment you own. Please review Altec's Equipment Data Privacy Notice on [www.altec.com](http://www.altec.com) for more information. By purchasing equipment from Altec, you consent to Altec's right to collect and use such data.

5 Price does not reflect any local, state or Federal Excise Taxes (F.E.T). The quote also does not reflect any local title or licensing fees. All appropriate taxes will be added to the final price in accordance with regulations in effect at time of invoicing.

6 Interest charge of 1/2% per month to be added for late payment.

7 Any payment made by a credit card may be subject to a surcharge fee.

8 Delivery: **1-30 days after receipt of order** PROVIDING:

- A. Order is received within 14 days from the date of the quote. If initial timeframe expires, please contact your Altec representative for an updated delivery commitment.
- B. Customer supplied chassis is received a minimum of sixty (60) days before scheduled delivery.
- C. Customer approval drawings are returned by requested date.
- D. Customer supplied accessories are received by date necessary for compliance with scheduled delivery.
- E. Customer expectations are accurately captured prior to major components being ordered (body, chassis) and line set date. Unexpected additions or changes made after this time or at a customer inspection will delay the delivery of the vehicle.

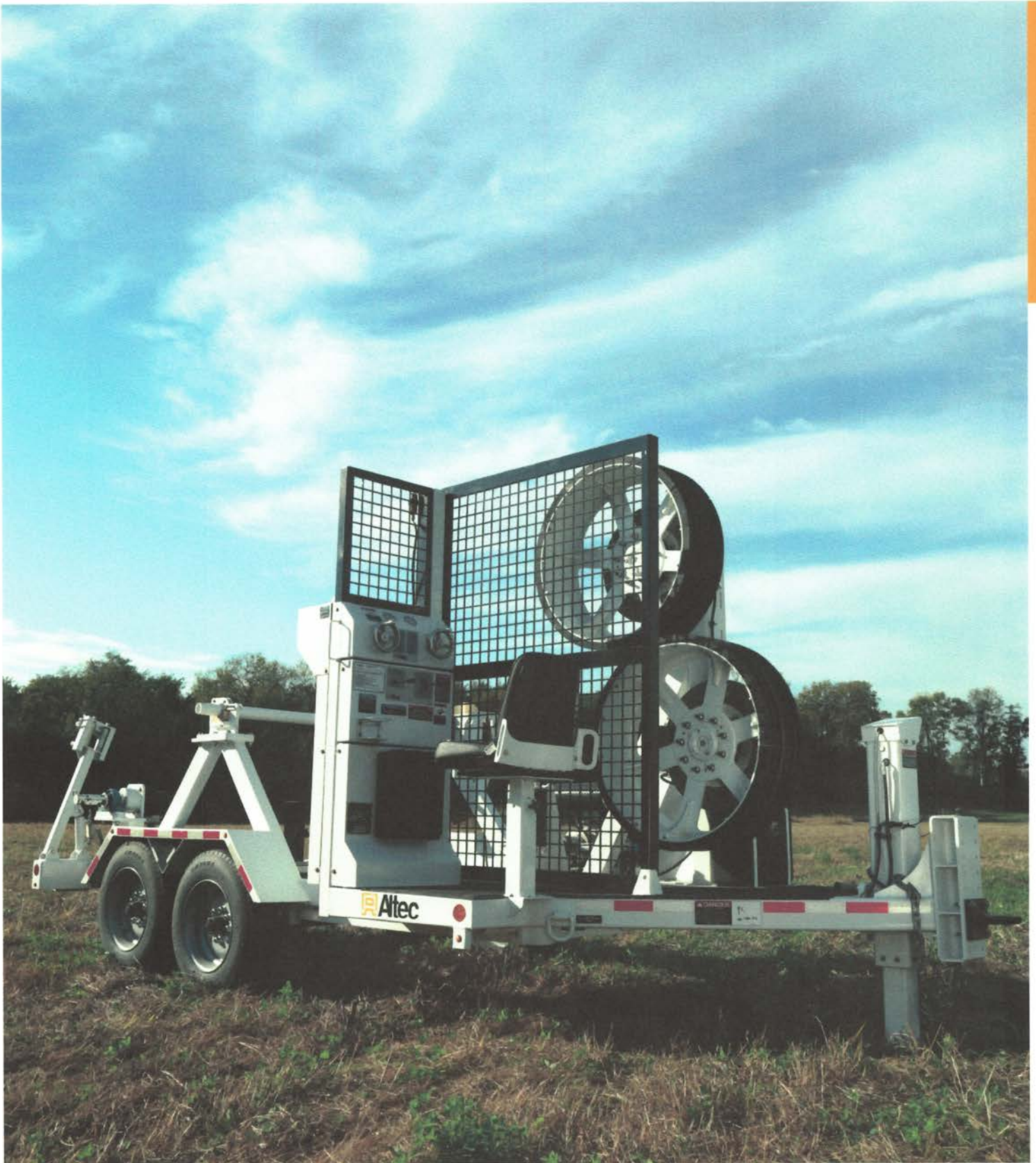
Altec reserves the right to change suppliers in order to meet customer delivery requirements, unless specifically identified, by the customer, during the quote and or ordering process.

9 This quotation is valid until DEC 10, 2020. After this date, please contact Altec Industries, Inc. for a possible extension.

10 Please email Altec Capital at [finance@altec.com](mailto:finance@altec.com) or call 888-408-8148 for a lease quote today.

11 Please direct all questions to Arlan Wayne Smith





FOR NEW EQUIPMENT SALES, CALL  
**800.958.2555**  
TO SPEAK WITH AN ALTEC REPRESENTATIVE  
or visit us online at [altec.com](http://altec.com)

 **Altec**  
BULLWHEEL TENSIONER



# TS336-BW

## FEATURES

- Full operator's station with protective screen and adjustable seat
- All controls of machine are centrally located at operator station
- Twin five grooved 36 inch diameter bullwheels with replaceable urethane lining segments
- Adjustable three roller fairlead to allow tensioning of right hand and left hand lay conductor
- Two 24 inch diameter non-rust bronze disc bullwheel brakes
- 16 inch non-rust bronze disc reel brake
- Adjustable drop-leg front and rear jacks
- Lockable storage box, 40"L x 10"W x 9"H
- DOT 4 light system, 6 pin wire connector
- Adjustable 2.5" ID pintle eye with safety chains and an emergency break-away switch

## OPTIONS

- Hydraulic accessory power pack which includes a Honda 22 HP gas engine, hydraulic capstan (7,500 inch-lb torque) and capstan levelwind
- Hydraulic front jack
- Hydraulic rear jacks
- Trailer plug - 7 pin wire connector
- 10" draw bar extension

Additional accessories available through Altec Supply including pulling grips, swivels, pilot line systems, and running grounds.

## SPECIFICATIONS

Max Tensioning Capacity	3,000 lbs
Max Line Speed	4.5 mph
Bullwheel Diameter	36 in
Replaceable Lining Segments	Urethane castings with 5 grooves
Groove Diameter	1.5 in
Braking System	Hand wheel adjustable brake controls
Bronze Bullwheel Brakes	24 in diameter on each bullwheel
Bronze Reel Brake	16 in diameter
Max Reel Diameter	84 in
Max Reel Width	51 in
Max Reel Weight	8,000 lbs
Arbor Bar Diameter	2.625 in
Overall Length	18 ft 5 in
Max Width	8 ft
Travel Height	8 ft 9 in
Min Ground Clearance	15.5 in
GVWR	15,200 lbs
Base Trailer/Machine Weight	5,600 lbs
Axle Type	Tandem, Single Tire
Axle Capacity	8,000 lbs per axle
Brakes	Electric
Tires	(4) 215/75/R17.5
Tow Hitch	2.5 inch diameter tow ring
Front jack	Manual drop down
Rear jacks	(2) Manual drop down, each side

FULLY ADJUSTABLE SEAT OFFERS OPERATOR COMFORT



OPTIONAL 22 HP HONDA ENGINE POWERS HYDRAULIC ACCESSORIES



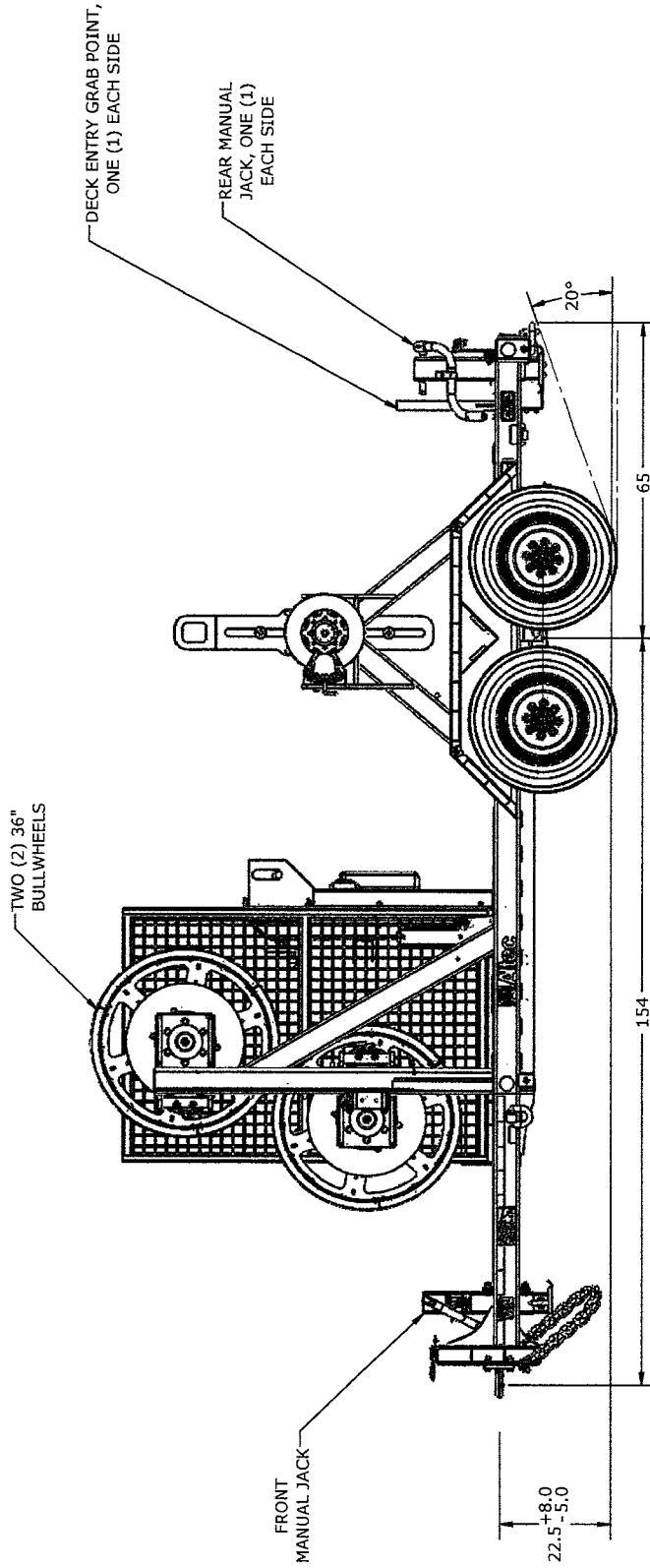
CENTRALIZED CONTROLS PROVIDE OPERATOR SAFETY



For more complete information on Altec products and services, visit us on the web at [www.altec.com](http://www.altec.com). Material and specifications are subject to change without notice. Featured units in photos may include optional features. Please contact an Altec representative for all available options. Altec® and the Altec logo are registered trademarks of Altec Inc. in the United States and various other countries and may not be used without permission. © 2016 Altec Inc. All Rights Reserved. AIOSTS336-BW-1116-v1

REVISIONS

REV	DESCRIPTION	DATE	DRAWN ECD #
A	RELEASED		



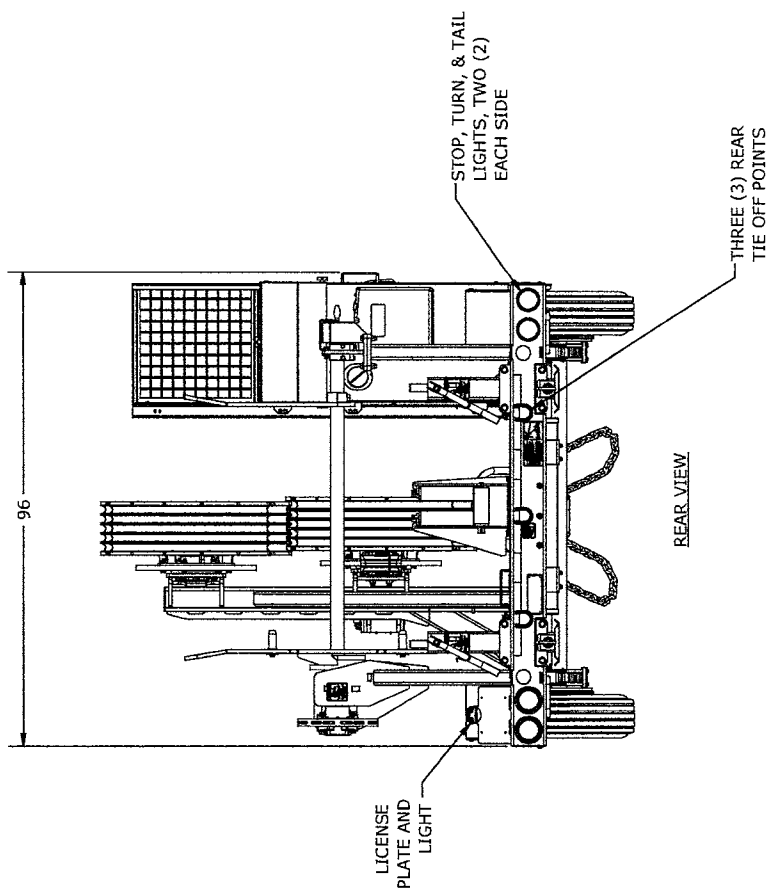
STREETSIDE VIEW

UNIT: IS336-BW SUBBASE HEIGHT: N/A BODY CROSSMEMBERS: N/A FLATBED CROSSMEMBERS: 5 IN H CHASSIS MAKER: ALTEC CHASSIS MODEL: IS336-BW CHASSIS YEAR: 2016	APPROVAL PRINT STAMP <input type="checkbox"/> APPROVED <input type="checkbox"/> APPROVED AS NOTED <input type="checkbox"/> NOT APPROVED, CHANGE AS NOTED, RESUBMIT FOR APPROVAL. NOTE: ANY CHANGES MAY AFFECT PRICE RETURN OF APPROVAL PRINT REQD BY: _____ DATE: _____ BY: _____	SOLD TO: ALTEC STOCK SHIP TO: _____ W.O. NO.: _____ NOTES: DO NOT SCALE THIS PRINT. REMOVE ALL BURRS & SHARP EDGES. ALL DIMENSIONS ARE IN INCHES. CAD SOFTWARE: SOLIDWORKS	SOLIDWORKS THIS DRAWING AND ITS CONTENTS ARE THE PROPRIETARY AND CONFIDENTIAL PROPERTY OF ALTEC INDUSTRIES, INC. IT IS NOT TO BE REPRODUCED, COPIED, OR PUBLICLY DISCLOSED, IF THIS DRAWING IS PROVIDED TO A SOMEONE OUTSIDE ALTEC. IT IS DONE SOLELY FOR THE PURPOSE OF ASSISTING THAT RECIPIENT WITH A LIMITED SCOPE OF WORK. THE RECIPIENT SHALL BE RESPONSIBLE TO MAINTAIN THE CONFIDENTIALITY OF THIS DRAWING AND NOT TO USE IT BEYOND THE PURPOSE PREVIOUSLY STATED. RECIPIENT AGREES TO MAINTAIN IT IN CONFIDENCE AND NOT TO REPRODUCE, COPIY, OR PUBLICLY DISCLOSE THIS DRAWING AND ITS CONTENTS. DRAWN BY: T. SHEELY CHECKED BY: _____ DATE: 02/09/16 SHEET: 1 OF 8	SCALE: 1:24 SIZE: 2 NUMBER: 990185904 REV: B
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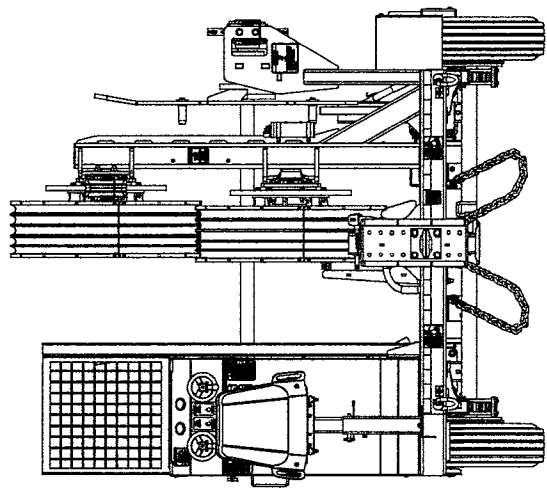
**ALTEC**  
 Altec Industries, Inc.  
 210 Inverness Center Drive  
 Birmingham, AL 35242

SALES DRAWING FOR ALTEC STOCK





REAR VIEW



FRONT VIEW

UNIT: IS336-BW  
 SUBBASE HEIGHT: N/A  
 BODY CROSSMEMBERS: N/A  
 FLATBED CROSSMEMBERS: 5 IN. H.  
 CHASSIS MAKER: ALTEC  
 CHASSIS MODEL: IS336-BW  
 CHASSIS YEAR: 2016

APPROVAL PRINT STAMP  
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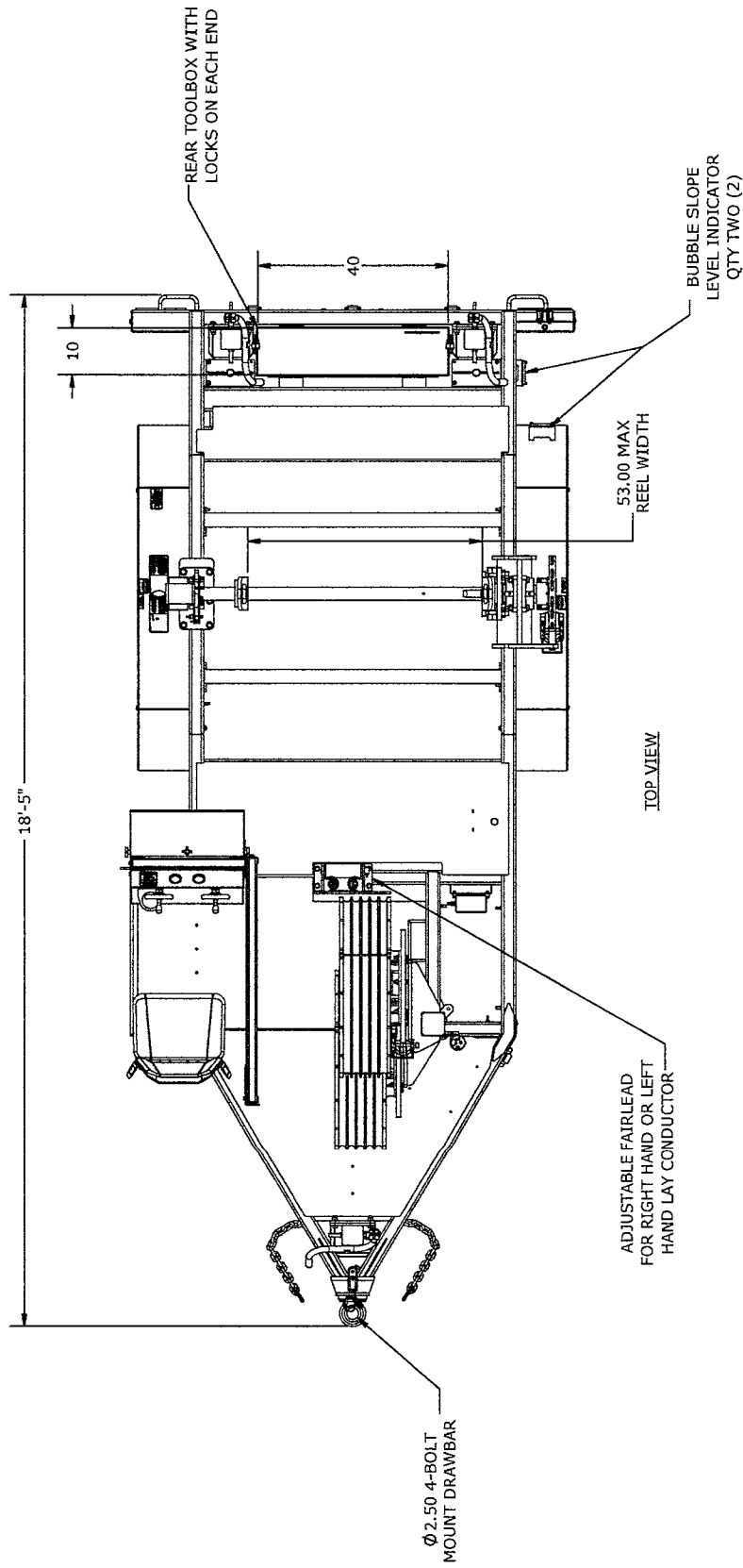
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 SHIP TO: -  
 W.O. NO.: -  
 NOTES: DO NOT SCALE THIS PRINT, REMOVE ALL BURRS & SHARP EDGES.  
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 DRAWN BY: I. SHELLEY  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 SHEET: 3 OF 8

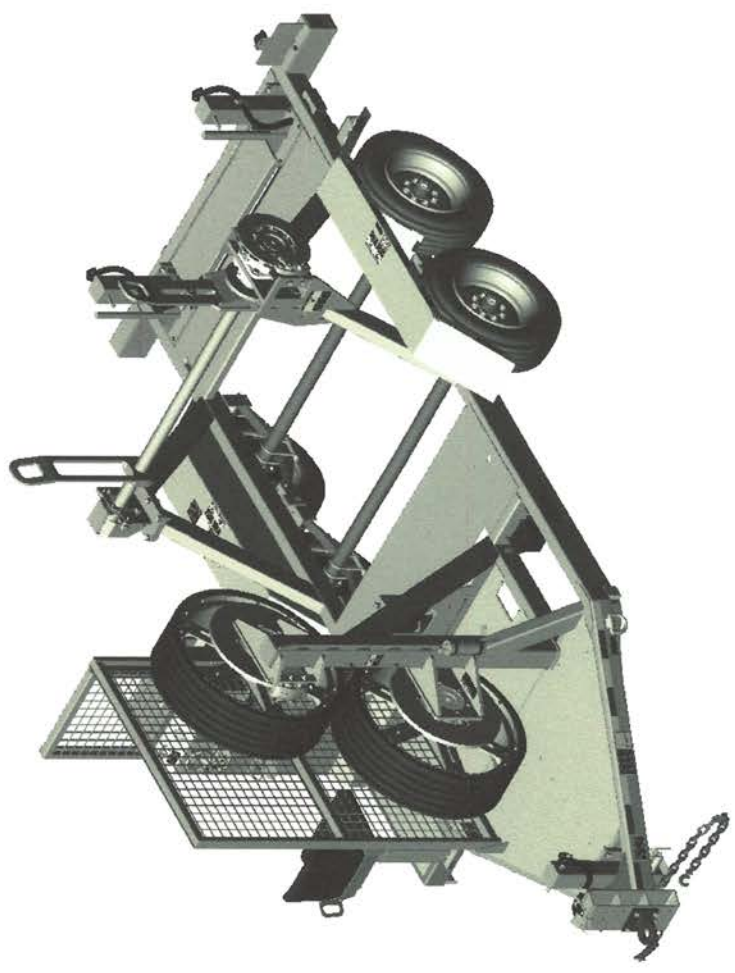
**ALTEC**  
 Altec Industries, Inc.  
 210 Inverness Center Drive  
 Birmingham, AL 35242

SALES DRAWING FOR ALTEC STOCK

SCALE	2	REV	B
DATE	1.24	NUMBER	990185904

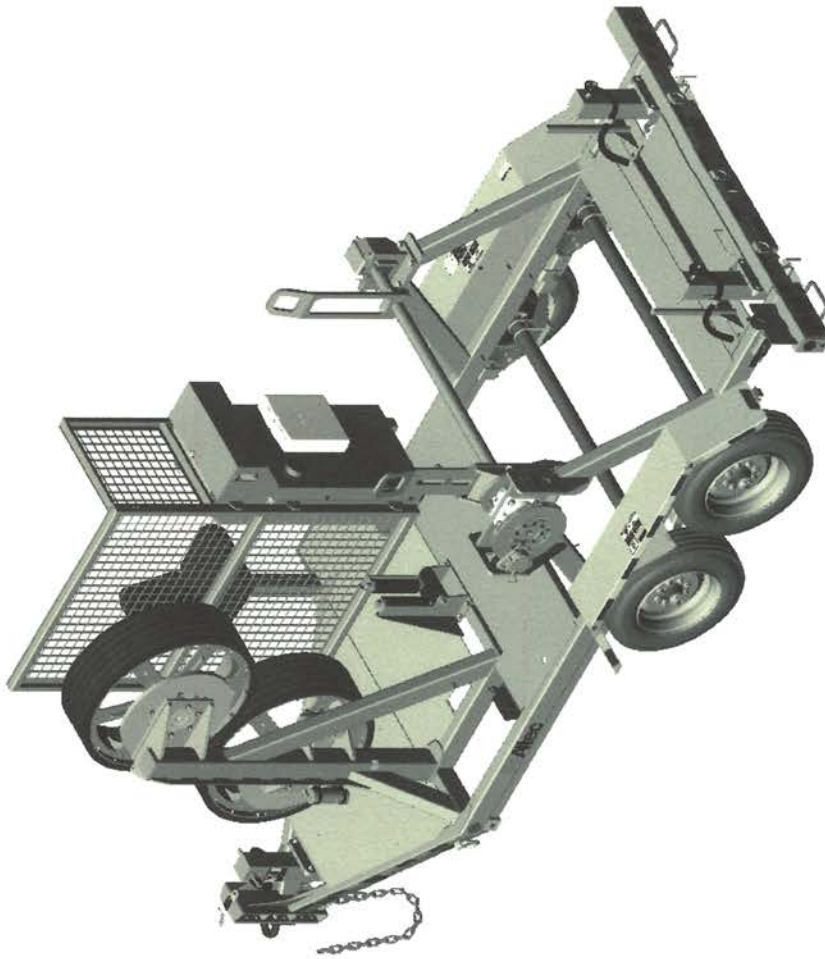


UNIT: ISS36-BW	APPROVAL PRINT STAMP	SOLD TO: ALTEC STOCK	CONFIDENTIAL: THIS DRAWING AND ITS CONTENTS ARE THE PROPRIETARY AND UNPUBLISHED INFORMATION OF ALTEC. IT IS NOT TO BE REPRODUCED, COPIED, OR PUBLICLY DISCLOSED. IF THIS DRAWING IS PROVIDED TO A SOMEONE OUTSIDE ALTEC, IT IS DONE SO FOR THE LIMITED PURPOSE OF ASSISTING THAT RECIPIENT WITH A PROJECT. THE RECIPIENT AGREES TO MAINTAIN IT IN CONFIDENCE AND NOT TO USE IT BEYOND THE PURPOSE PREVIOUSLY STATED. RECIPIENT AGREES NOT TO REPRODUCE, COPY, OR PUBLICLY DISCLOSE THIS DRAWING AND ITS CONTENTS.	ALTEC INDUSTRIES, INC. 210 Inveness Center Drive Birmingham, AL 35242
SUBBASE HEIGHT: N/A	<input type="checkbox"/> APPROVED	SHIP TO: -	DO NOT SCALE THIS PRINT. REMOVE ALL BURRS & SHARP EDGES TO .005 IN. MAX. INCHES. CAD SOFTWARE: SOLIDWORKS	ALTEC
BODY CROSMEMBERS: N/A	<input type="checkbox"/> APPROVED AS NOTED	W.O. NO.: -	NOTES: _____	SALES DRAWING FOR ALTEC STOCK
FLATBED CROSMEMBERS: .5 IN. H.	<input type="checkbox"/> NOT APPROVED. CHANGE AS NOTED.	RETURN OF APPROVAL PRINT REQD BY: _____	BY: _____	SCALE: 1:24
CHASSIS MAKER: ALTEC	NOTE: ANY CHANGES MAY AFFECT PRICE	DATE: _____		SHEET: 2
CHASSIS MODEL: ISS36-BW				REV: 1.24
CHASSIS YEAR: 2016				NUMBER: 990185904
				REV: B



UNIT: IS336-BW	APPROVAL PRINT STAMP	SOLD TO: ALTEC-STOCK	CONSENT: ALTEC INDUSTRIES, INC. 210 INVERNESS CENTER DRIVE BIRMINGHAM, AL 35242
SUBBASE HEIGHT: N/A	<input type="checkbox"/> APPROVED	SHIP TO: -	
BODY CROSSMEMBERS: N/A	<input type="checkbox"/> APPROVED AS NOTED	-	
FLATBED CROSSMEMBERS: .5 IN H	<input type="checkbox"/> NOT APPROVED, CHANGE AS NOTED, RESUBMIT FOR APPROVAL.	-	SALES DRAWING FOR ALTEC STOCK
CHASSIS MAKER: ALTEC	NOTE: ANY CHANGES MAY AFFECT PRICE	W.O. NO.: -	SCALE: 1:24
CHASSIS MODEL: IS336-BW	RETURN OF APPROVAL PRINT REQD BY: -	NOTES: DO NOT SCALE THIS PRINT. REMOVE ALL BURRS & SHARP EDGES. ALL DIMENSIONS ARE IN INCHES. CAD SOFTWARE: SOLIDWORKS.	SIZE: 2
CHASSIS YEAR: 2016	BY: _____ DATE: _____		SHEET: 5 OF 8
			DATE: 02/06/16
			DRAWN BY: T. SHEELY
			CHECKED BY: -
			NUMBER: 990185904
			REV: B





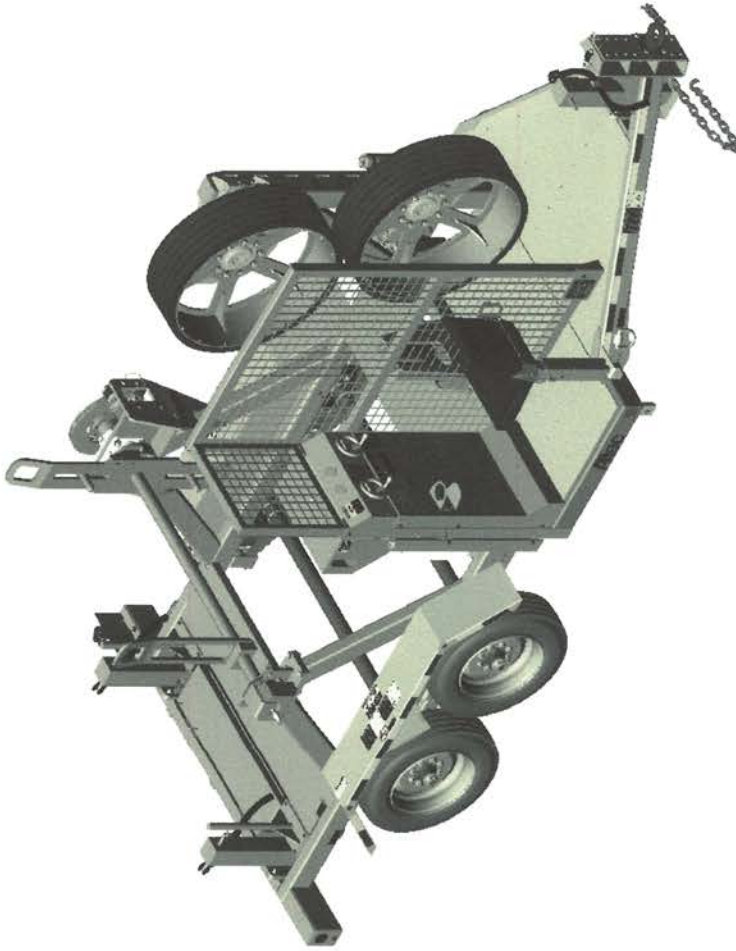
UNIT: IS336-BW  
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 FLATBED CROSSMEMBERS: .5 IN. H  
 CHASSIS MAKER: ALITEC  
 CHASSIS MODEL: IS336-BW  
 CHASSIS YEAR: 2016

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SOLD TO: ALITEC STOCK  
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 DRAWN BY: T. SHELLEY  
 CHECKED BY: -  
 DATE: 02/20/16  
 SHEET: 6 OF 8

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 Alitec Industries, Inc.  
 210 Inverness Center Drive  
 Birmingham, AL 35242  
 TITLE: SALES DRAWING FOR ALITEC STOCK  
 SCALE: 1:24  
 SIZE: 2  
 NUMBER: 990185904  
 REV: B



UNIT: IS336-BW  
 SUBBASE HEIGHT: N/A  
 BODY CROSSMEMBERS: N/A  
 FLATBED CROSSMEMBERS: 5 IN H  
 CHASSIS MAKER: ALTEC  
 CHASSIS MODEL: IS336-BW  
 CHASSIS YEAR: 2016

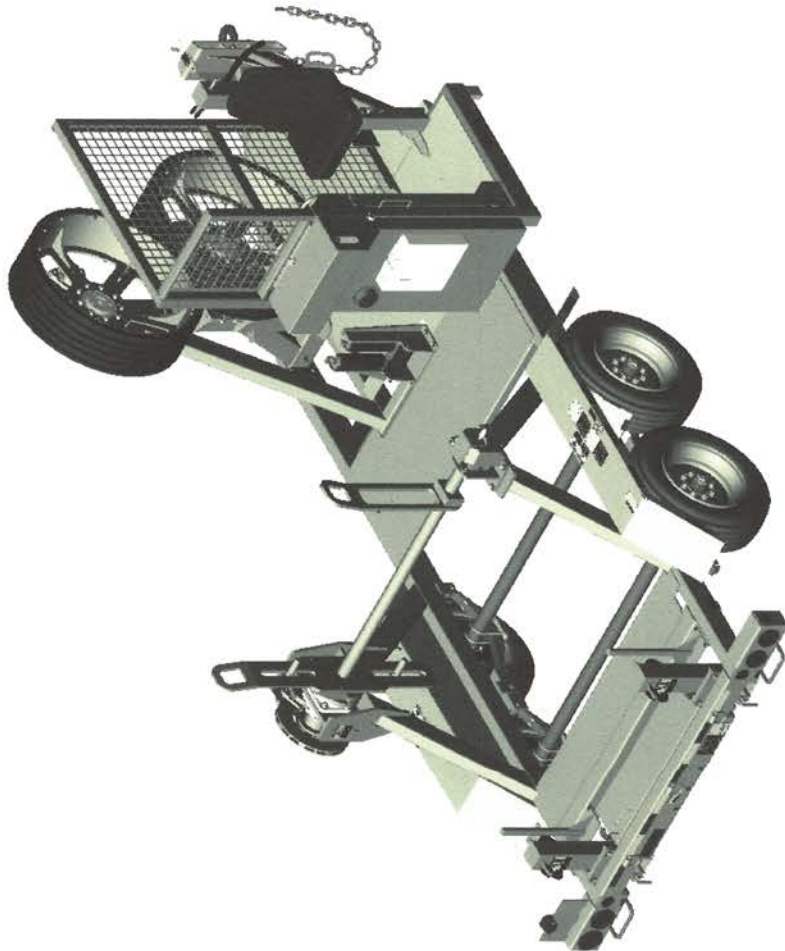
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 BY: \_\_\_\_\_

SOLD TO: ALTEC STOCK  
 SHIP TO: -  
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 DRAWN BY: T. SHEELY  
 CHECKED BY: \_\_\_\_\_  
 DATE: 02/26/16  
 SHEET: 7 OF 8

SCALE: 1:24  
 SHEET: 2  
 NUMBER: 990185904  
 REV: B  
 TITLE: SALES DRAWING FOR ALTEC STOCK  
 ALTEC  
 Altec Industries, Inc.  
 210 Inverness Center Drive  
 Birmingham, AL 35242





UNIT: IS336-BW	APPROVAL PRINT STAMP	SOLD TO: ALTEC STOCK	CONFIDENTIAL	ALtec Industries, Inc. 210 Inverness Center Drive Birmingham, AL 35242
SUBBASE HEIGHT: N/A	<input type="checkbox"/> APPROVED	SHIP TO: -	THIS DRAWING AND ITS CONTENTS ARE THE PROPRIETARY AND CONFIDENTIAL PROPERTY OF ALTEC INDUSTRIES, INC. IT IS TO BE REPRODUCED, COPIED, OR PUBLISHED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF ALTEC INDUSTRIES, INC. SO FOR THE UNITED PURPOSE OF ASSURING THAT RECIPIENT WITH A RESPONSIBILITY TO MAINTAIN IT IN CONFIDENCE AND NOT TO USE IT BEYOND THE PURPOSE PREVIOUSLY STATED. RECIPIENT AGREES NOT TO REPRODUCE, COPY, OR PUBLICLY DISCLOSE THIS DRAWING AND ITS CONTENTS.	
BODY CROSSMEMBERS: N/A	<input type="checkbox"/> APPROVED AS NOTED			
FLATBED CROSSMEMBERS: .5 IN.H	<input type="checkbox"/> NOT APPROVED. CHANGE AS NOTED. RESUBMIT FOR APPROVAL.	W.O. NO.:	DATE: 02/09/16	REV: B
CHASSIS MAKER: ALTEC	NOTE: ANY CHANGES MAY AFFECT PRICE	NOTES:	CHECKED BY: -	FILE: SALES DRAWING FOR ALTEC STOCK
CHASSIS MODEL: IS336-BW	RETURN OF APPROVAL PRINT REQ'D BY: -	DO NOT SCALE THIS PRINT. REMOVE ALL BURRS & SHARP EDGES. DIMENSIONS ARE IN INCHES.		
CHASSIS YEAR: 2016	BY: _____ DATE: _____	CAD SOFTWARE: SOLIDWORKS.		



**BID OPENING LOG SHEET**

Reference Bid Document  
 2784 2x4 2785 4x4  
 Bid Opening Date & Time:

Company Name	Representative Signature	Bid Amount	Exceptions noted	Comments
Stoepe / Ford 4x4 4x2		28,567.67 25,167.67	Yes - 6 Speed Tires	
Grande 4x4 4x2		29,054.00 25,732.00	Yes	
Ford of Buene 4x4 4x2		29,940.00 26,631.92	Yes	
Ford of Buene 4x4 4x2 F250		30,112.84	Yes	
Cecil Atkinson		No Bid		
Crenwelge		No Bid		

Witness: Danna Beckwith

Witness: Howard Hall

**Prepared for:**

K-PUB

Prepared by: Jason Lay

10/02/2020



Jason Lay | 31480 IH-10 West Boerne TX | 78006

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120 | Quote ID: KPUB-21-04

## Pricing Summary - Single Vehicle

	<b>MSRP</b>
<i>Vehicle Pricing</i>	\$34,360.00
<i>Pre-Tax Adjustments</i>	
<b>Description</b>	
FORD OF BOERNE GOVT DISCOUNT	-\$7,728.08
<b>Total</b>	<b>\$26,631.92</b>

\_\_\_\_\_  
Customer Signature

\_\_\_\_\_  
Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

**Prepared for:**

K-PUB

Prepared by: Jason Lay

10/02/2020



Jason Lay | 31480 IH-10 West Boerne TX | 78006

2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120 | Quote ID: KPUB-21-01

## Pricing Summary - Single Vehicle

	<b>MSRP</b>
<i>Vehicle Pricing</i>	\$39,005.00
<i>Pre-Tax Adjustments</i>	
<b>Description</b>	
FORD OF BOERNE GOVT DISCOUNT	-\$9,065.00
<b>Total</b>	<b>\$29,940.00</b>

\_\_\_\_\_  
Customer Signature

\_\_\_\_\_  
Acceptance Date

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

# SELLER TOTALS REPORT

08/11/2020 - JJKane Exchange (GS200811)

---

## KERRVILLE PUBLIC UTILITY BOARD

88938 3192-6	2001 TSE DPT-40B Single-Drum Puller, Continental TM20 with hyd level wind & rope, trailer mtd (runs & operates) (Reads 7,102 hours) NOTE: This unit is being sold AS IS/WHERE IS via Timed Auction. For pickup information and terms, please reference the Hauler Sheet. (Buyer is responsible for removal. Assistance by consignor or JJ Kane Auctioneers is not assured.) V.I.N. 1T92S04221S268272	\$5,250.00
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SELLER TOTAL	\$5,250.00
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Thank you for your participation in our auction, We appreciate your business. Your proceeds will be sent in 14 business days Made Payable to: Kerrville Public Utility Board and mailed to 2250 Memorial Blvd, Kerrville TX 78028. For any changes to the check payable to and/or address please contact Colleen Naylor at (856) 764-7163.

# SELLER TOTALS REPORT

08/11/2020 - JJKane Exchange (GS200811)

---

TOTAL LOTS	1
SELLER TOTAL	\$5,250.00

## MEMORANDUM

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

From: Ricardo Berrios Jr.

Date: October 09, 2020

Re: Agenda Item No. 10 — Quarterly Reports: Engineering and Operations  
Projects - Capital Budget Summary, and Reliability Report

---

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 fourth quarter of fiscal year end 2020. 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, Interim Manager of Engineering



CAPITAL BUDGET REPORT  
FISCAL YEAR OCTOBER 1, 2019 - SEPTEMBER 30, 2020

As of September 30, 2020										
Budget No.	Description	Budget Amount	Qtr 1 (Oct-Dec)	Qtr 2 (Jan-Mar)	Qtr 3 (Apr-June)	July Actual	August Actual	September Actual	Qtr 4 (July-Sep)	YTD Total
0	Retirement W/O Replacement		\$ -	\$ 22,358.00	\$ 45,624.10	\$ 2,551.16	\$ -	\$ 396.47	\$ 2,947.63	\$ 70,929.73
40701	Existing AMR Systems	\$ 61,890	\$ 4,008.00	\$ 10,438.28	\$ 36,700.00	\$ 4,080.00	\$ -	\$ -	\$ 4,080.00	\$ 55,226.28
40714	Customer Extensions	\$ 924,058	\$ 102,414.39	\$ 101,078.44	\$ 96,418.08	\$ 41,798.39	\$ 126,708.75	\$ 62,228.37	\$ 230,735.51	\$ 530,646.42
40721	Street Lights	\$ 114,720	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40722	Contingency Development	\$ 102,500	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40723	Padmount Refurbish & Replacements	\$ 236,520	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40724	Misc. Improvement Projects	\$ 380,625	\$ -	\$ -	\$ -	\$ 27,012.13	\$ 17,350.86	\$ 54,304.78	\$ 98,667.77	\$ 98,667.77
40725	Dodge 5500 Bucket Truck Replace Unit 3236	\$ 280,000	\$ -	\$ -	\$ -	\$ 128,895.00	\$ (1,521.00)	\$ -	\$ 127,374.00	\$ 127,374.00
40726	3/4 Ton 4X4 Ex. Cab Pickup Replace Unit 3225	\$ 40,000	\$ -	\$ 36,710.85	\$ 3,209.50	\$ -	\$ -	\$ -	\$ -	\$ 39,920.35
40727	1/2 Ton 4X4 Ex. Cab Pickup Replace Unit 3226	\$ 40,000	\$ -	\$ 33,688.38	\$ 9,980.10	\$ -	\$ -	\$ -	\$ -	\$ 43,668.48
40730	Ordinary Replacements	\$ 102,500	\$ 3,302.75	\$ 27,747.75	\$ 2,726.75	\$ 1,061.94	\$ 3,253.83	\$ 16.73	\$ 4,332.50	\$ 38,109.75
40731	System Improvements	\$ 1,139,300	\$ 20,832.59	\$ 5,750.81	\$ 29,844.76	\$ 3,365.25	\$ 21,490.44	\$ 8,566.07	\$ 33,421.76	\$ 89,849.92
40732	Power factor Improvements/Control Replacement	\$ 39,775	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40733	Pole Inspection Replacements	\$ 600,000	\$ 28,806.55	\$ 7,173.68	\$ 17,621.07	\$ 4,474.49	\$ 18,023.81	\$ 8,102.28	\$ 30,600.58	\$ 84,201.88
40734	Reliability Improvements	\$ 153,750	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40747	Hunt Emergency Xfmr Replacement	\$ 1,250,000	\$ 8,875.54	\$ 126,350.00	\$ -	\$ -	\$ 198,377.21	\$ 696,920.00	\$ 895,297.21	\$ 1,030,522.75
40748	DA Equipment Deployment	\$ 200,000	\$ -	\$ -	\$ 5,785.33	\$ 16,052.06	\$ 524.44	\$ 1,999.33	\$ 18,575.83	\$ 24,361.16
40749	SCADA Upgrades	\$ 75,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
40750	Minor Substations Improvements	\$ 150,000	\$ 4.30	\$ 53,951.16	\$ 13,249.99	\$ 29,664.00	\$ 16,018.00	\$ 636.25	\$ 46,318.25	\$ 113,523.70
40760	IT Normal Replacements (set up extra WO as needed)	\$ 65,000	\$ 40,680.61	\$ 6,225.62	\$ 17,490.64	\$ -	\$ -	\$ -	\$ -	\$ 64,396.87
40761	Network Infrastructure	\$ 65,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 46,559.46	\$ 46,559.46	\$ 46,559.46
40763	Email System Upgrade	\$ 45,000	\$ -	\$ -	\$ -	\$ -	\$ 3,675.50	\$ 5,091.98	\$ 8,767.48	\$ 8,767.48
40764	Access System Upgrade ( HQ and DR)	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 58,370.00	\$ 58,370.00	\$ 58,370.00
40765	Server Infrastructure	\$ 50,000	\$ 28,779.52	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,779.52
40766	VM Ware	\$ 50,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 24,203.52	\$ 24,203.52	\$ 24,203.52
40767	Phone System	\$ 20,000	\$ 5,256.40	\$ 5,064.00	\$ -	\$ -	\$ -	\$ 9,497.00	\$ 9,497.00	\$ 19,817.40
40768	UPS	\$ 35,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,754.03	\$ 7,754.03	\$ 7,754.03
40769	Fiber Optic Communications	\$ 275,000	\$ 3.85	\$ 30,000.00	\$ -	\$ 8,500.00	\$ -	\$ -	\$ 8,500.00	\$ 38,503.85
40774	Office Furniture	\$ 37,220	\$ -	\$ 8,320.90	\$ -	\$ -	\$ -	\$ 6,839.43	\$ 6,839.43	\$ 15,160.33
40775	Facilities Improvements	\$ 52,000	\$ -	\$ 6,709.00	\$ -	\$ -	\$ 1,080.00	\$ -	\$ 1,080.00	\$ 7,789.00
40776	Misc. Building Improvements	\$ 50,000	\$ -	\$ -	\$ 7,440.00	\$ -	\$ 9,513.50	\$ -	\$ 9,513.50	\$ 16,953.50
40778	Demonstration EE Projects (EV,PV, & LED)	\$ 30,000	\$ -	\$ -	\$ 6,074.45	\$ -	\$ -	\$ -	\$ -	\$ 6,074.45
40779	Misc. Capital Tools/Radios	\$ 20,500	\$ 6,744.82	\$ 5,743.01	\$ -	\$ -	\$ -	\$ 6,386.40	\$ 6,386.40	\$ 18,874.23
	<b>Totals:</b>	<b>\$ 6,780,358</b>	<b>\$ 249,709</b>	<b>\$ 487,310</b>	<b>\$ 292,165</b>	<b>\$ 267,454</b>	<b>\$ 414,495</b>	<b>\$ 997,872</b>	<b>\$ 1,679,822</b>	<b>\$ 2,709,006</b>
	<b>Percent of Total Budget:</b>		3.7%	7.2%	4.3%	3.9%	6.1%	14.7%	24.8%	40.0%



**4th Quarterly Service Reliability Report - July 2020 to September 2020**

**Service Quality Report - Jul 01, 2020 to September 30, 2020**

**9 Fdrs ---- Major Events**

Sub	Fdr	SAIFI	SAIDI	CAIDI	ASAI	MAIFI	Nbr-Cons-Out	Consumer Minutes	Consumer Hours	Total Served
HARPER	70	0.006	0.355	55.517	1	0	4	222.07	3.7	626
HUNT	20	0.001	0.417	363.45	1	0	1	363.45	6.06	872
HUNT	50	0.003	1.3	410.783	0.99999	0	2	821.57	13.69	632
LEGION	20	0.324	36.858	113.67	0.99972	0	262	29781.6	496.36	808
LEGION	30	0.007	1.925	261.817	0.99999	0	4	1047.27	17.45	544
LEGION	40	0.011	2.806	249.133	0.99998	0	5	1245.67	20.76	444
LEGION	50	1	1141.367	1141.367	0.99129	0	285	325289.5	5421.49	285
RIM ROCK	10	0.003	0.982	355.85	0.99999	0	2	711.7	11.86	725
RIM ROCK	50	0.115	9.875	85.95	0.99992	0	179	15385.13	256.42	1558
<b>Entire System</b>		<b>0.032</b>	<b>16.039</b>	<b>503.855</b>	<b>0.99988</b>	<b>0</b>	<b>744</b>	<b>374867.95</b>	<b>6247.8</b>	<b>23373</b>

**Previous Year**

**Service Quality Report - Jul 01, 2019 to September 30, 2019**

**11 Fdrs ---- Major Events**

Sub	Fdr	SAIFI	SAIDI	CAIDI	ASAI	MAIFI	Nbr-Cons-Out	Consumer Minutes	Consumer Hours	Total Served
HARPER	20	0.002	1.54	620.7	0.99999	0	3	1862.1	31.04	1209
HUNT	20	0.05	12.748	256.2	0.9999	0	41	10504.2	175.07	824
HUNT	30	0.112	17.503	156.342	0.99987	0	74	11569.28	192.82	661
LEGION	30	0.15	22.52	150.133	0.99983	0	78	11710.4	195.17	520
LEGION	40	0.011	1.913	170.667	0.99999	0	5	853.33	14.22	446
RIM ROCK	10	0.045	11.617	256.661	0.99991	0	32	8213.15	136.89	707
RIM ROCK	40	1	292.383	292.383	0.99777	0	15	4385.75	73.1	15
RIM ROCK	60	1.126	214.307	190.4	0.99836	0	251	47790.4	796.51	223
STADIUM	0	1.006	23.5	23.367	0.99982	0	3713	86760.43	1446.01	3692
STADIUM	60	0.123	4.437	36	0.99997	0	132	4752	79.2	1071
TRAVIS	10	0.037	2.131	57.233	0.99998	0	57	3262.3	54.37	1531
<b>Entire System</b>		<b>0.192</b>	<b>8.34</b>	<b>43.55</b>	<b>0.99994</b>	<b>0</b>	<b>4401</b>	<b>191663.35</b>	<b>3194.39</b>	<b>22981</b>

## WHAT ARE SAIFI, SAIDI AND MAIFI? ON RELIABILITY ISSUES

SAIFI, SAIDI, MAIFI are some of the indices used to measure distribution system reliability. Before explaining them a little on the subject of reliability.

Reliability can be defined as the ability of the power system components to deliver electricity to all points of consumption, in the quantity & with the quality demanded by the consumer. Reliability is often measured by the outage indices defined in one international standard called IEEE 1366. (IEEE is the Institution of Electrical & Electronics Engineers, the biggest professional body of Electrical & Electronics Engineers. IEEE has its head office in the USA & has presence in most countries). These outage indices are based on the duration of each power supply interruption & the frequency of interruption. It is clear that all three major functional components of the power system – generation, transmission & distribution contribute to reliability. As far as the consumer is concerned, transmission & distribution outages are important. In fact, surveys (in developed countries) show that 80-90% of the outages experienced by consumers are caused by distribution outages.

A power supply outage is an unplanned event & can be described in terms of the frequency, duration & amount of load (or consumers) affected. A momentary outage is defined as an outage lasting less than 5 minutes, corresponding to the time taken by automatic re-closure schemes to restore temporary faults; a sustained outage lasts longer than 5 minutes (NERC 1996). IEEE standard 1366 gives the definition for outage indices. These indices are calculated using details of consumer interruptions collected from past year's or several year's data. Definitions of few of the indices are given below:

### **System Average Interruption Frequency Index (SAIFI)**

SAIFI is the average number of sustained interruptions per consumer during the year. It is the ratio of the annual number of interruptions to the number of consumers.

$$\text{SAIFI} = (\text{Total number of sustained interruptions in a year}) / (\text{Total number of consumers})$$

### **System Average Interruption Duration Index (SAIDI)**

SAIDI is the average duration of interruptions per consumers during the year. It is the ratio of the annual duration of interruptions (sustained) to the number of consumers. If duration is specified in minutes, SAIDI is given as consumer minutes.

$$\text{SAIDI} = \text{Total duration of sustained interruptions in a year} / \text{total number of consumers}$$

SAIFI & SAIDI are the most used pair of reliability indices. A North American survey showed SAIFI figure of 1.1 (indicating 1.1 interruption/year/consumer) & SAIDI of 1.5 hours. Singapore is reported to have a SAIDI of 3 minutes. For comparison, the NDPL tariff submission for 2005-06 gives SAIDI figure of 38 hours for 2003-04 & a target of 30 hours for 2004-05 (23)

### **Consumer Average Interruption Frequency Index (CAIFI)**

CAIFI is the average number of interruptions for consumers who experience interruptions during the year. It is the ratio of the annual number of interruptions to the number of consumers affected by interruptions during the year. Consumer is counted only once regardless of the number of interruptions.

CAIFI = Total number of sustained interruptions in a year/Total number of consumers affected.

### **Consumer Average Interruption Duration Index (CAIDI)**

CAIDI is the average duration of an interruption, calculated based on the total number of sustained interruptions in a year. It is the ratio of the total duration of interruptions to the total number of interruptions during the year.

CAIDI = Total duration of sustained interruptions in a year/total number of interruptions.

It can also be seen that CAIDI = SAIDI/SAIFI

### **Momentary Average Interruption Frequency Index (MAIFI)**

MAIFI is the average number of momentary (less than 5 minutes) interruptions per consumer during the year. It is the ratio of the annual number of momentary interruptions to the number of consumers.

MAIFI = (Total number of momentary interruptions in a year ) / (Total number of consumers)

The AP regulation suggests using 3 supply reliability indices SAIFI (System Average Interruption Frequency Index), SAIDI (System Average Interruption Duration Index) & MAIFI (Momentary Average Interruption Frequency Index). These are typical reliability indices related to consumer supply, calculated using annual field data. The AP regulation (and as seen subsequently, all other State regulations) use these indices in the feeder context, with some change in the formula for calculations. Thus SAIFI, SAIDI & MAIFI refer to 11 kV feeder interruptions (not consumer interruptions) & the index is calculated using one month data (not annual data). The interruption is also given a weight age, based on the connected load on the respective feeder. To illustrate using the case of SAIFI.

SAIFI = (Total connected load on all feeders)

It can be seen that this is not an average value, since the total number of interruptions is not used in the calculation. SAIFI as calculated here is the weighted total number of feeder interruptions, i.e the sum of individual feeder interruption weighted by the proportion of load it carries. Thus, it cannot be used to compare reliability figures of two utilities which have different number of feeders.

Indices for rural & urban feeders are to be calculated separately. Feeders serving predominantly agriculture loads are excluded from the calculation & indices for those are also to be separately calculated. Since these calculations are now, the regulation does not suggest any target values for these indices.

Considering the lack of reliable data on consumer interruptions, it is a good idea the SoP regulation suggests using feeder interruption data to calculate reliability. But then, it was perhaps not necessary to employ jargon like SAIFI, SAIDI etc, especially since the formula suggested are not as per the standard. Calculating the average duration & frequency of 11 kV feeder interruptions, calculating the per km interruption of 11 kV feeders etc would have been easier & sufficient to assess system reliability.

# MEMORANDUM

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

From: Ricardo Berrios Jr.

Date: October 09, 2020

Re: Agenda Item No. 11 – Report, Consideration, & Action on KPUB Energy Efficiency Programs

The table below summarizes the Energy Efficiency Rebate Program performance for the past fiscal year (through September 30, 2020).

Program	Number of Customer Rebates	Cost	Utilization Percentage
HVAC Rebates	70	\$27,790.00	29.25%
Contractor HVAC Rebates	76	\$3,800.00	4.00%
Commercial Lighting	30	\$26,747.88	28.16%
Window Unit	0	\$0.00	0.00%
Insulation Rebates	35	\$6,471.00	6.81%
Pump/Motors	1	\$150.00	0.16%
Water Heater	7	\$2,100.00	2.21%
Windows	24	\$13,829.00	14.56%
Smart Thermostat	33	\$825.00	0.87%
Shade Tree	9	\$225.00	0.24%
<b>Total</b>	<b>285</b>	<b>\$81,937.88</b>	<b>86.25%</b>

This year we have budgeted to continue the Energy Efficiency Programs at the same funding level of \$95,000. For the upcoming year, staff is recommending that all funds continue to be combined into a pool for program administration. This approach allows customers to seek what energy efficiency improvements they wish, and it allows staff to be flexible in budget allocation to achieve program goals of demand reduction. Staff is recommending that the General Manager be authorized to make adjustments to the programs including offerings, qualifications, requirements, and rebate amounts. Please let me know if you have any questions or concerns.

Sincerely,



Ricardo Berrios Jr  
Interim Manager of Engineering.

**MEMORANDUM**

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

From: Allison Bueché

Date: October 12, 2020

RE: Agenda item #12—Change for Charity program fund update

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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.

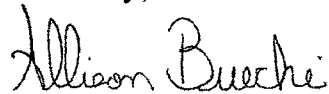
We have had 608 residential customers opt-out of the program as of October 12, 2020.

In the month of September, St. Vincent de Paul granted \$11,990.13 in bill payment assistance to KPUB residential customers. For the month of October, we have granted \$6,208.97 in program funds to-date to a total of 55 families.

Since the program's inception in July, we have granted a total of \$45,480.28 in bill payment assistance through the Change for Charity fund.

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

Sincerely,



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