

14	11	10	14	12	9	14	11	15	13	10	15
JAN	FEB	MAR	APR	MAY	JUNE	<b>JULY</b>	AUG	SEPT	OCT	NOV	DEC
28	25	24	28	26	23	<b>28</b>	25	29	27	24	XX

**UTILITIES BOARD AGENDA**

**Tuesday, July 28, 2020 @ 12:00 Noon**

**Visitors/Guests By Conference Call (701) 802-5220 Access Code: 6047681#**

	P	A	1	2	3	4	5	6
Brooke	---	---	---	---	---	---	---	---
Thrall	---	---	---	---	---	---	---	---
Leonard	---	---	---	---	---	---	---	---
Boxley	---	---	---	---	---	---	---	---
Stagner	---	---	---	---	---	---	---	---
Crespin	---	---	---	---	---	---	---	---
Williams	---	---	---	---	---	---	---	---
Steerman	---	---	---	---	---	---	---	---
Hourieh	---	---	---	---	---	---	---	---
Denman	---	---	---	---	---	---	---	---
Owen	---	---	---	---	---	---	---	---

1. Minutes from July 14, 2020 Meeting \_\_\_\_\_

2. Approval of Purchase Orders 89529 thru 89566 \_\_\_\_\_

3. Payment of Bills \_\_\_\_\_

4. June 2020 Financial Report \_\_\_\_\_

5. System Operating Report \_\_\_\_\_

6. Adjournment \_\_\_\_\_

Individuals with disabilities needing auxiliary aid(s) may request assistance by contacting Lamar Light and Power, 100 N Second Street, Lamar CO 81052, phone: 719.336.7456. We would appreciate 48 hours advance notice of the event so arrangements can be made to locate the requested auxiliary aid(s).

**LAMAR UTILITIES BOARD  
MINUTES OF THE UTILITIES BOARD MEETING  
July 14, 2020**

The Lamar Utilities Board met in regular session in the Utilities Board Room at 12:00 p.m. with Chairman Thrall presiding.

Present: Jay Brooke, Doug Thrall, Patrick Leonard, Clifford Boxley, Roger Stagner, Don Steerman, Houssin Hourieh, Lisa Denman, Leala Owen, Linda Williams

Absent: Kirk Crespin

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**Swearing in of New Board Member – Roger Stagner**

Judge Porter administered oath of office to Roger Stagner.

**Reorganization of Board: (a) Elect Chairman, (b) Elect Vice-Chairman, (c) Appoint Attorney, (d) Appoint Superintendent, (e) Authorize Check Signing**

- a) Elect Chairman – Board Attorney Steerman assumed the role of Chairman for this vote. Boardmembers Brooke and Stagner nominated Doug Thrall as Chairman; no further nominations. Boardmember Stagner moved and Boardmember Brooke seconded cease nominations and elect Doug Thrall as Chairman.

Voting Yes: Brooke, Thrall, Leonard, Stagner

Voting No: Boxley

Doug Thrall reassumed the role of Chairman.

- b) Elect Vice-Chairman – Boardmembers Leonard and Stagner nominated Jay Brooke as Vice-Chairman. Boardmember Leonard moved and Boardmember Stagner seconded to cease nominations and elect Jay Brooke as the Vice-Chairman of the Board.

Voting Yes: Thrall, Leonard, Boxley, Stagner

Voting No: None

Abstain: Brooke

- c) Appoint Superintendent – Boardmember Brooke moved and Boardmember Stagner seconded to appoint Houssin Hourieh as the Superintendent of Light & Power.

Voting Yes: Brooke, Thrall, Leonard, Boxley, Stagner

Voting No: None

- d) Appoint Board Attorney – Boardmember Leonard moved and Boardmember Boxley seconded to appoint Don Steerman as the LUB Attorney.

Voting Yes: Brooke, Thrall, Leonard, Boxley, Stagner

Voting No: None

- e) Authorize Check Signing – Boardmember Stagner moved and Boardmember Brooke seconded to authorize check signing by all Boardmembers, City Clerk, and City Treasurer in absence of City Clerk.

Voting Yes: Brooke, Thrall, Leonard, Boxley, Stagner  
Voting No: None

**Minutes of Previous Meeting – June 23, 2020**

Boardmember Brooke moved and Boardmember Leonard seconded to approve meeting minutes of June 23, 2020.

Voting Yes: Brooke, Thrall, Leonard, Boxley  
Voting No: None  
Abstain: Stagner

**Purchase Orders #89496 through #89528**

Boardmember Stagner moved and Boardmember Brooke seconded to approve purchase orders #89496 through #89528 in the amount of \$857,754.03.

Voting Yes: Brooke, Thrall, Leonard, Boxley, Stagner  
Voting No: None

**Payment of Bills**

Boardmember Stagner moved and Boardmember Brooke seconded to approve payment of bills: Vouchers #49977 through #50028 for a total of \$195,535.95.

Voting Yes: Brooke, Thrall, Leonard, Boxley, Stagner  
Voting No: None

**System Operating Report**

Superintendent Hourieh reported that they have been tracking customer meter numbers for the month of May on an annual basis since 1999. Due to the meter fluctuation they use the month of May as an indicator. In May 2020 there was a total of 5,734 customer connected meters for 4,034 customers, while in 2003 there was 5,836 connected meters. 2015 had the lowest meter count of 5,594. Since then we have gained 140 connected meters.

Superintendent Hourieh reported that on Friday, June 26, 2020 at about 9:35 p.m. the S.W. 24.9kv breaker tripped open due to a severe thunderstorm that uprooted a tree which fell on the main line at 6<sup>th</sup> and Poplar St. The incident caused a phase to phase permanent fault that caused two surge arresters to fail at the Santa Fe substation. The outage affected the N.W. section of Lamar. All repairs were made and power was restored at 10:58 p.m.

Superintendent Hourieh gave a COVID-19 update. He stated that the Governor extended Executive Order D-2020-098 directing utilities to waive disconnection, reconnection fees, and suspend accrual of late payment fees for residential and small business customers who have missed payments during the pandemic.

Superintendent Hourieh reported that there will be a rate study review at the August 11, 2020 meeting. He also stated that ARPA will hold an Executive Session on

JULY 28, 2020

PURCHASE ORDERS

FOR BOARD APPROVAL

DATE:	P. O. #	BID #	COMPANY	ITEM	AMOUNT
9-Jul-20	89532		E2 Power Systems LLC	INSTALL 69 KV CIRCUIT BREAKER	\$25,000.00
15-Jul-20	89544		Advanced Control Systems Inc	QUARTERLY CONTRACT	\$7,663.25
15-Jul-20	89546		City of Lamar Utilities	UTILITIES / HYDE DITCH WELLS	\$2,784.91
21-Jul-20	89566		Murk's Asphalt Paving	RE-SEAL PARKING LOT	\$2,500.00
BOARD APPROVAL TOTAL:					\$37,948.16

\*\* ESTIMATES: FINAL PURCHASE ORDER BASED ON ACTUAL COST. \*\*

JULY 28, 2020

PURCHASE ORDERS

DATE:	P. O. #	BID #	COMPANY	ITEM	AMOUNT	APPROVED
7-Jul-20	89529		Wallace Gas & Oil	BRAKE CLEANER	\$30.80	
9-Jul-20	89530		Schweitzer Engineering Lab Inc	FAULT INDICATORS ON 4/0 CABLE	\$1,440.00	
13-Jul-20	89531		Colorado Mills LLC	HAND SANITIZER	\$70.20	
13-Jul-20	89533		Ark Valley Distributing	BREAK ROOM SUPPLIES	\$167.65	
13-Jul-20	89534		Lamar BMS	ASSORTED FASTENERS	\$8.28	
30-Jun-20	89535		Airgas USA LLC	ARGON / HYDROGEN / NITROGEN / RENTALS	\$951.48	
13-Jul-20	89536		Ranchers Supply of Lamar LLC	HIGH SPEED GRINDER	\$221.67	
15-Jul-20	89537		Blazer Electric Supply CO	T-5 BULBS	\$124.80	
30-Jun-20	89538		Machine Supply Company	JUNE AUTO PARTS	\$156.84	
29-Jun-20	89539		Lampton Welding Supply Inc	SHOP GAS RENTALS	\$111.78	
30-Jun-20	89540		Trimble Inc	TRIMBLE NOMAD BOOT	\$300.00	
20-Jul-20	89541		McCandless Truck Center LLC	TURN SIGNAL FOR UNIT 12	\$156.72	
30-Jun-20	89542		Wallace Gas & Oil	55 GALLONS OF 5/30 OIL	\$897.66	
15-Jul-20	89543		Atmos Energy	UTILITIES	\$71.97	
15-Jul-20	89545		Ace Tire Services LLC	TIRE REPAIR	\$35.00	
15-Jul-20	89547		CIRSA	DEDUCTIBLES / TRUCK ADDITION	\$456.94	
15-Jul-20	89548		IBS of West Kansas	BATTERY	\$49.95	
15-Jul-20	89549		Jaco Analytical Laboratory	OIL SAMPES	\$112.50	
15-Jul-20	89551		Steerman Law Office PLLC	PROFESSIONAL SERVICES	\$1,800.00	
15-Jul-20	89552		UPS	FREIGHT	\$111.92	
15-Jul-20	89553		UNCC	RTL TRANSMISSIONS	\$210.09	
15-Jul-20	89554		Verizon Wireless LLC	TELEPHONE	\$396.62	
21-Jul-20	89555		Imperial Supplies LLC	PARTS CLEANER / ELECTRIC TAPE / THERMOMETER	\$537.93	
21-Jul-20	89556		Zoro Tools Inc	ASBESTOS SIGNAGE / SEAFOAM / APRON	\$185.37	
21-Jul-20	89557		My Wholesale Products	LATEX GLOVES / ROOM DEODORIZER	\$105.10	
21-Jul-20	89558		American Electric Company	CONNECTORS / PVE CONNECTORS	\$177.55	
21-Jul-20	89559		Quest Inc	REBUILD WIRE PRESS	\$515.05	
15-Jul-20	89560		Quality Dry Cleaners	LAUNDRY SERVICES	\$36.00	
15-Jul-20	89561		Office Depot	OFFICE SUPPLIES	\$146.87	
17-Jul-20	89562		VISA	SECURITY TRAINING / CRIMPING TOOL / IMPACT	\$1,368.45	
21-Jul-20	89563		Arts Lock Service	LOCK & KEYS FOR TOOL BOX	\$53.70	
21-Jul-20	89564		Landis + Gyr Technolgoies Inc	MONTHLY HOSTING	\$784.21	
21-Jul-20	89565		Solomon Corporation	CONTROL PANEL REGULATOR	\$535.00	
PURCHASE ORDER TOTALS					\$50,276.26	

**CITY OF LAMAR  
LAMAR UTILITIES BOARD  
PAYMENT REGISTER**

PAYMENT	HP/ VD	VENDOR NAME	ITEMS	NET PAY	PAID DATE	BATCH
50029		351 PERA OF COLORADO	4	14,413.04	07/14/20	100484
50030		442 401K VOLUNTARY INVESTMENT PLAN	2	1,011.77	07/14/20	100484
50031		666 COMMUNITY STATE BANK	1	369.16	07/14/20	100484
50032		910 PEOPLES CREDIT UNION	1	400.00	07/14/20	100484
50033		2055 CITY OF LAMAR	4	9,845.76	07/14/20	100484
50034		2056 CITY OF LAMAR-PAYROLL	1	25.18	07/14/20	100484
50035		1 CAROLYN K PARADEE	1	52.51	07/17/20	100533
50036		1 LENZI N APPEL	1	169.84	07/17/20	100533
50037		1 MARY ANN ROMERO	1	18.09	07/17/20	100533
50038		1 ROOF MASTERS ROOFING	1	14.47	07/17/20	100533
50039		436 A R P A	1	1,012,496.29	07/17/20	100534
50040		6064 LAMPTON WELDING SUPPLY INC	1	111.78	07/17/20	100534
50041		440 CITY OF LAMAR-L&P SALES TAX	1	17,696.00	07/20/20	100555
50042		9 ARTS LOCK SERVICE	1	53.70	07/22/20	100601
50043		15 LAMAR BMS	2	8.28	07/22/20	100601
50044		22 CITY OF LAMAR-UTILITIES	5	2,784.91	07/22/20	100601
50045		62 LAMAR AUTO PARTS	1	926.92	07/22/20	100601
50046		87 RANCHERS SUPPLY OF LAMAR LLC	1	221.67	07/22/20	100601
50047		169 STEERMAN LAW OFFICE PLLC	1	1,800.00	07/22/20	100601
50048		229 COLORADO MILLS LLC	1	70.20	07/22/20	100601
50049		245 TRI COUNTY FORD INC	1	108.27	07/22/20	100601
50050		423 WALLACE GAS & OIL INC	2	928.46	07/22/20	100601
50051		536 SHIANE DASHNER	1	190.00	07/22/20	100601
50052		555 MACHINE SUPPLY COMPANY	1	156.84	07/22/20	100601
50053		658 ACE TIRE SERVICE LLC	1	35.00	07/22/20	100601
50054		765 UNCC	1	210.09	07/22/20	100601
50055		791 OFFICE DEPOT	2	146.87	07/22/20	100601
50056		940 MY WHOLESALE PRODUCTS	1	105.10	07/22/20	100601
50057		1167 ARK VALLEY DISTRIBUTING	1	167.65	07/22/20	100601
50058		1230 JACO ANALYTICAL LABORATORY INC	1	112.50	07/22/20	100601
50059		2161 CIRSA	2	456.94	07/22/20	100601
50060		2252 ATMOS ENERGY	2	71.97	07/22/20	100601
50061		2297 QUALITY DRY CLEANERS	3	36.00	07/22/20	100601
50062		2513 QUEST INC	1	515.05	07/22/20	100601
50063		2639 BLAZER ELECTRIC SUPPLY CO	5	16,309.69	07/22/20	100601
50064		2828 VERIZON WIRELESS LLC	1	396.62	07/22/20	100601
50065		3714 MCCANDLESS TRUCK CENTER LLC	1	156.72	07/22/20	100601
50066		3994 GEII	2	7,719.57	07/22/20	100601
50067		4103 MURK'S ASPHALT PAVING	1	2,500.00	07/22/20	100601
50068		4183 UPS	1	112.92	07/22/20	100601
50069		4228 STUART C IRBY CORP	3	1,261.76	07/22/20	100601
50070		4385 IMPERIAL SUPPLIES LLC	1	568.95	07/22/20	100601
50071		6006 BORDER STATES ELECTRIC-DEN	1	9,527.94	07/22/20	100601
50072		6059 TECHLINE LTD	1	337.04	07/22/20	100601
50073		6061 WESCO DISTRIBUTION INC	1	1,393.20	07/22/20	100601
50074		6065 LANDIS + GYR TECHNOLOGIES INC	1	784.21	07/22/20	100601
50075		6066 ADVANCED CONTROL SYSTEMS INC	1	7,663.25	07/22/20	100601
50076		6076 AIRGAS USA LLC	1	951.48	07/22/20	100601
50077		6153 SOLOMON CORPORATION	2	535.00	07/22/20	100601
50078		6203 TRIMBLE INC	1	300.00	07/22/20	100601
50079		6215 IBS OF WEST KANSAS	1	49.95	07/22/20	100601
				1,116,298.61		
BANK TOTALS	PAYMENTS:	51 VOIDS:	0			

Board Meeting Date: July 28, 2020

**LAMAR UTILITIES BOARD  
AGENDA ITEM INFORMATION**

**ITEM TITLE: June 2020 Financial Report**

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**INFORMATION:**

The LUB Financial Statements for June 2020 include the balance sheet, income statement, year to date income and year to date monthly comparisons with 2019.

**Balance Sheet**

There are no significant changes to the balance sheet. Cash is down \$58,814 from May and accounts receivable increased by \$199,606.

**Income Statement**

The total operating revenue for the month is \$1,286,566 operating costs of \$1,265,700 resulting in gross operating income of \$20,866. When the non-operating revenues and expenses are taken into consideration there is a net loss for the month of \$118,000.

**YTD Income Statement**

Total operating revenues for the year are \$6,430,738 and total operating costs are \$5,981,642 resulting in gross operating income of \$499,096. When the non-operating revenues and expenses are taken into consideration there is a net loss of \$527,657 year to date.

**YTD Comparison with Last Year**

When compared to 2019 you will notice that revenues from retail sales are up approximately \$287,276 or 5% comparing June 2020 to June 2019 and overall operating expenses are up approximately \$326,325 or 6% resulting in a net loss of \$527,657 for the year.

**Lamar Light and Power**  
**Balance Sheet**  
As of June 30, 2020

**ASSETS AND DEFERRED OUTFLOWS**

**Current Assets**

Cash & Cash Equivalents	2,107,545
Plant Replacement Funds	7,997,871
<b>Total Cash &amp; Cash Equivalents</b>	<b>10,105,416</b>

**Accounts Receivable**

Customer Receivables	1,696,792
Uncollectible Accounts Receivable	(103,288)
<b>Total Accounts Receivable</b>	<b>1,593,503</b>

**Other Current Assets**

Due from General Fund	655
Inventories	771,414
Accrued Interest Receivable	0
Electric Shop Clearing	0
Machine Shop Clearing	1,552
<b>Total Other Current Assets</b>	<b>773,622</b>

**Total Current Assets** 12,472,541

**Fixed Assets**

Prelim Survey & Investigate	271,103
Fixed Assets, Plant	34,006,264
Fixed Assets, Total Accum Depre	(22,252,018)
<b>Total Fixed Assets</b>	<b>12,025,349</b>

**Other Assets**

Lamar Work Order (17)	219,791
Jurisdictional Work Order (18)	24,518
<b>Total Other Assets</b>	<b>244,309</b>

**Deferred Outflows of Financial Resources**

Deferred Outflows	287,930
Deferred Outflows - Pension Timing	217,946
Deferred Outflows - Pension Experience	166,436
Deferred Outflows - Proportionate Share	30,814
Deferred Outflows - Timing	16,227
Deferred Outflows - Experience	1,137
<b>Total Deferred Outflows</b>	<b>720,490</b>

**TOTAL ASSETS AND DEFERRED OUTFLOWS** **25,462,688**

**Lamar Light and Power**  
**Balance Sheet**  
As of June 30, 2020

**LIABILITIES & EQUITY**

**Accounts Payable**

Monthly Accounts Payable	1,055,139
<b>Total Accounts Payable</b>	<b>1,055,139</b>

**Other Current Liabilities**

Payroll Liabilities	(1,779)
Customers Deposit	337,326
Accrued Interest on Deposit	32,926
Bond Interest Payable	21,170
Bonds, Current Portion	344,854
Due to General funds	56,674
Sales Tax	(2,758)
Accrued Vacation & Sick	285,745
Vending Proceeds Held in Custody	607
ARPA Clearing	(8,321)
<b>Total Other Current Liabilities</b>	<b>1,066,443</b>

<b>Total Current Liabilities</b>	2,121,582
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**Long Term Liabilities**

2004 Bond Issue-L/T Debt	771,123
<b>Total Long Term Liabilities</b>	<b>771,123</b>

<b>Total Liabilities</b>	2,892,705
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**Deferred Inflows of Financial Resources**

Net Pension Liability	2,649,906
Deferred Inflows - Pension Prop	175,907
Deferred Inflows - Pension Earnings	763,963
Net OPEB Liability	240,339
Deferred Inflows - Proportionate Share	17,518
Deferred Inflows - Earnings	4,021
<b>Total Deferred Inflows</b>	<b>3,851,654</b>

<b>Retained Earnings</b>	19,245,987
<b>Current Year Earnings</b>	(527,657)
<b>Total Equity</b>	<b>18,718,329</b>

<b>TOTAL LIABILITIES, DEFERRED INFLOWS AND NET POSITION</b>	<b>25,462,688</b>
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**Lamar Light and Power**  
**Income Statement**  
**For the Period Ending June 30, 2020**

<b>Ordinary Income/Expense</b>	<b>Jun-20</b>	<b>Budget</b>	<b>Over Budget</b>	<b>% of Budget</b>
<b>Income</b>				
<b>Residential</b>	580,382	501,157	79,225	116%
<b>Commercial</b>	512,677	612,284	(99,607)	84%
<b>Irrigation</b>	133,774	73,836	59,938	181%
<b>Other</b>	58,200	53,334	4,867	109%
<b>Customer Reconnect</b>	1,533	4,188	(2,654)	37%
<b>Total Income</b>	<u>1,286,566</u>	<u>1,244,798</u>	<u>41,769</u>	<u>103%</u>
<b>Operation</b>				
<b>Personnel Expense</b>	90,501	104,223	(13,722)	87%
<b>Production Expense</b>	1,012,503	789,048	223,455	128%
<b>Repairs &amp; Maintenance</b>	140,631	142,089	(1,458)	99%
<b>Supplies</b>	13,738	34,406	(20,669)	40%
<b>Insurance &amp; Claims</b>	4,836	23,333	(18,497)	21%
<b>Interest</b>	3,491	3,378	113	103%
<b>Total COGS</b>	<u>1,265,700</u>	<u>1,096,478</u>	<u>169,222</u>	<u>115%</u>
<b>Gross Profit</b>	20,866	148,320	(127,454)	14%
<b>Other Revenue</b>				
<b>Non-Operating Revenue</b>	82,758	83,333	(575)	99%
<b>Interest</b>	3,123	4,333	(1,210)	72%
<b>Non-Operating Expense</b>	(28,994)	(33,178)	4,184	87%
<b>Depreciation</b>	(47,342)	(75,000)	27,659	63%
<b>Charter Appropriation</b>	(148,412)	(119,246)	(29,167)	124%
<b>Total Other</b>	<u>(138,867)</u>	<u>(139,757)</u>	<u>891</u>	<u>99%</u>
<b>Net Position</b>	<u>(118,000)</u>	<u>8,562</u>	<u>(126,563)</u>	<u>-1,378%</u>

**Lamar Light and Power**  
**YTD at 50%**  
**Income Statement**  
**For the Period Ending June 30, 2020**

Ordinary Income/Expense	June	Budget	Over/Under Budget	2,020
<b>Income</b>				50.0%
<b>Residential</b>	2,757,899	3,006,942	(249,042)	6,013,883
<b>Commercial</b>	2,989,091	3,673,702	(684,611)	7,347,404
<b>Irrigation</b>	372,285	443,016	(70,731)	886,032
<b>Other</b>	298,211	320,001	(21,790)	640,002
<b>Customer Reconnect</b>	13,251	25,125	(11,874)	50,250
<b>Total Income</b>	<u>6,430,738</u>	<u>7,468,786</u>	<u>(1,038,048)</u>	<u>14,937,571</u>
<b>Operation</b>				
<b>Personnel Expense</b>	539,994	625,337	(85,343)	1,250,674
<b>Production Expense</b>	4,490,875	4,734,285	(243,410)	9,468,570
<b>Repairs &amp; Maintenance</b>	669,812	852,536	(182,723)	1,705,071
<b>Supplies</b>	117,581	206,438	(88,857)	412,876
<b>Insurance &amp; Claims</b>	142,829	140,000	2,829	280,000
<b>Interest</b>	20,551	20,271	280	40,541
<b>Total COGS</b>	<u>5,981,642</u>	<u>6,578,866</u>	<u>(597,224)</u>	<u>13,157,732</u>
<b>Gross Profit</b>	449,096	889,920	(440,824)	1,779,839
<b>Other Revenue</b>				
<b>Non-Operating Revenue</b>	465,807	500,000	(34,193)	1,000,000
<b>Interest</b>	20,156	26,000	(5,844)	52,000
<b>Non-Operating Expense</b>	(175,918)	(199,071)	23,153	(398,141)
<b>Depreciation</b>	(396,325)	(450,000)	53,675	(900,000)
<b>Charter Appropriation</b>	(890,474)	(715,474)	(175,000)	(1,430,948)
<b>Total Other</b>	<u>(976,753)</u>	<u>(838,545)</u>	<u>(138,208)</u>	<u>(1,677,089)</u>
<b>Net Position</b>	<u>(527,657)</u>	<u>51,375</u>	<u>(579,032)</u>	<u>102,750</u>

**Lamar Light and Power**  
**YTD Comparison 50%**  
**Income Statement June 30, 2020**

<b>Ordinary Income/Expense</b>	<b>June 2020</b>	<b>June 2019</b>	<b>Changes</b>
<b>Income</b>			
<b>Residential</b>	2,757,899	2,591,068	166,831
<b>Commercial</b>	2,989,091	2,981,510	7,581
<b>Irrigation</b>	372,285	256,695	115,590
<b>Other</b>	298,211	292,870	5,341
<b>Customer Reconnect</b>	13,251	21,319	(8,067)
	<u>6,430,738</u>	<u>6,143,462</u>	<u>287,276</u>
<b>Operation</b>			
<b>Personnel Expense</b>	539,994	494,710	45,284
<b>Production Expense</b>	4,490,875	4,133,779	357,097
<b>Repairs &amp; Maintenance</b>	669,812	715,530	(45,718)
<b>Supplies</b>	117,581	116,838	743
<b>Insurance &amp; Claims</b>	142,829	170,380	(27,552)
<b>Interest</b>	20,551	24,081	(3,530)
<b>Total COGS</b>	<u>5,981,642</u>	<u>5,655,318</u>	<u>326,325</u>
<b>Gross Profit</b>	449,096	488,144	(39,049)
<b>Other Revenue</b>			
<b>Non-Operating Revenue</b>	465,807	533,666	(67,859)
<b>Interest</b>	20,156	27,987	(7,831)
<b>Non-Operating Expense</b>	(175,918)	(201,017)	25,099
<b>Depreciation</b>	(396,325)	(396,967)	641
<b>Charter Appropriation</b>	(890,474)	(852,529)	(37,945)
<b>Total Other</b>	<u>(976,753)</u>	<u>(888,859)</u>	<u>(87,894)</u>
<b>Net Position</b>	<u>(527,657)</u>	<u>(400,715)</u>	<u>(126,942)</u>

**Board Meeting Date: July 28, 2020**

**LAMAR UTILITIES BOARD  
AGENDA ITEM INFORMATION**

**ITEM TITLE: System Operation Report**

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**INFORMATION:**

Through the first half of 2020 our three wind turbines have generated 6,860.58 MWH's of electricity at an average capacity factor of 34.44%. This is about 70.59% higher than the same period last year. When compared individually, T-2 has generated more than the other two turbines, while T-4, ARPA's unit, ranked 4<sup>th</sup> in MWH generation. The Springfield turbine has generated 3,261.53 MWH's of electricity. This is about 26.11% higher than the same period last year at an average capacity factor of 49.77%. The increase in power generation is due to last year's failed pitch motor brake in T-3 and T-1 was offline for three months due to a torque deviation fault caused by current transformer failure, more wind is also a factor.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
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2		<b>MONTHLY WIND DATA ON REGIONAL TURBINES for 2019 in Southeast Colorado</b>												
3		<b>NET YIELD (kWh) &amp; CAPACITY FACTOR</b>				100% output @ 1,500 kWh per turbine								
4						28 days=672 hours= 1,008,000 kWh								
5						29 days=696 hours= 1,044,000 kWh								
6						30 days=720 hours= 1,080,000 kWh								
7						31 days= 744 hours= 1,116,000 kWh								
8														
9		<b>ARPA-SPRINGFIELD</b>			<b>LAMAR-ARPA</b>									
10			T1-S	C.F.	Ave kWh	T1-L	T2-L	T3-L	T4-A	TOTAL kWh	C.F.	Ave kWh/WT		
11		January	546,070	48.93%		289,960	286,741	291,624	218,279	1,086,604	24.34%	271,651		
12		February	485,157	46.47%		319,160	325,842	332,073	339,182	1,316,257	31.52%	329,064		
13		March	539,137	48.31%		373,412	430,189	431,711	433,824	1,669,136	37.39%	417,284		
14		April	497,408	46.06%		285,009	347,012	357,336	362,193	1,351,550	31.29%	337,888		
15		May	569,601	51.04%		442,350	449,449	447,333	455,185	1,794,317	40.20%	448,579		
16		June	624,165	57.79%		496,020	489,936	465,424	357,944	1,809,324	41.88%	452,331		
17		July		0.00%						0	0.00%	0		
18		August		0.00%						0	0.00%	0		
19		September		0.00%						0	0.00%	0		
20		October		0.00%						0	0.00%	0		
21		November		0.00%						0	0.00%	0		
22		December		0.00%						0	0.00%	0		
23		<b>TOTAL</b>	<b>3,261,538</b>	<b>49.77%</b>	<b>543,590</b>	<b>2,205,911</b>	<b>2,329,169</b>	<b>2,325,501</b>	<b>2,166,607</b>	<b>9,027,188</b>	<b>34.44%</b>	<b>376,133</b>		
24														
25		<b>NOTES ON ABOVE TURBINES:</b> (Clarifications will be added when available)												
26		T-4 in repair status as of 12/30/19 @ 1200pm for gearbox bearing replaceme												
27		T-4 Repairs complete and placed in service @1500 1/8/2020												
28		T-1 in repair 3/31/2020 at 0900 to present for high speed bearing oil seal repair. RENEW onsite.												
29		T-1 placed back in service @1600 hours 04/02/2020												
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