

LANE-SCOTT ELECTRIC ENERGY SALES STATISTICS FOR MAY 2022

CLASS OF SERVICE	NO. RECEIVING SERVICE		kWh SOLD		AMOUNT BILLED		Y.T.D AVERAGE		SALE PRICE PER kWh Y.T.D.
	Y.T.D. AVG.	THIS MONTH	THIS MONTH	Y.T.D.	THIS MONTH	Y.T.D.	kWh USED	AMOUNT	
Residential Sales	2,219	2,219	1,769,691	8,986,536	\$246,308	\$1,183,465	810	\$106.67	13.17
Residential Sales-Seasonal	47	48	7,410	36,527	\$2,064	\$10,191			
Irrigation Sales	333	333	1,374,189	2,696,472	\$130,327	\$240,069			
Small Commercial	1,862	1,859	4,175,982	21,243,624	\$488,145	\$2,382,950	2,282	\$255.93	11.22
Large Commercial	175	174	2,506,951	13,477,025	\$319,909	\$1,633,079	15,438	\$1,870.65	12.12
Public Street Lighting	13	13	35,946	179,730	\$5,257	\$24,923			
Public Building Sales	48	48	22,649	172,119	\$3,805	\$23,616			
Non-Domestic	1,061	1,063	162,548	910,315	\$40,663	\$195,028			
City of Dighton	1	1	712,574	3,394,980	\$55,966	\$241,033	678,996	\$48,206.60	7.10
Idle Services on rate 90	24	18	0	0	\$535	\$2,582			
Large Industrial	3	3	3,465,350	15,152,300	\$283,302	\$1,374,214	1,010,153	\$91,614.27	9.07
Irrigation Horsepower Charges	0	0		0		\$303,560			
Total Energy Sales	5,785	5,779	14,233,290	66,249,628	\$1,576,281	\$7,614,710			11.49
Other Electric Revenue					(\$53,901)	\$91,928			
Total					\$1,522,380	\$7,706,638			

SUBSTATION DATA

Substation	(NCP)KW	kWh Purchased	Cost Per kWh	kWh Sold	Line Loss	Load Factor-P	Load Factor-S
Beeler-Sub 3	6,311	3,883,560		3,537,498	8.91%	82.71%	75.34%
Dighton-Sub 1 - 7200	2,104	1,191,045		1,084,560	8.94%	76.09%	69.28%
Dighton-Sub 2 - 14400	4,632	2,889,589		2,818,852	2.45%	83.85%	81.80%
Manning-Sub 4	6,107	3,534,253		3,350,322	5.20%	77.79%	73.74%
LS Seaboard-Sub 5	216	111,871		106,944	4.40%	69.61%	66.55%
Twin Springs Lo 7.6-Sub 7	304	169,738		156,098	8.04%	75.05%	69.02%
Twin Springs Hi 14.1-Sub 8	299	127,281		114,844	9.77%	57.22%	51.63%
City of Dighton	1,789	618,966	7.5400	618,966	0.00%	46.50%	46.50%
City of Dighton - WAPA	154	93,608	3.0500	93,608	0.00%	81.70%	81.70%
Alexander 115	1,646	788,893		732,185	7.19%	64.42%	59.79%
Ness City 115	4,346	1,744,292		1,619,413	7.16%	53.95%	50.08%
Total	27,908	15,153,096	6.0900	14,233,290	6.07%	72.98%	68.55%

RUS/CFC LOAN FUND TRANSACTIONS

MISC.

OTHER STATISTICS

				Y.T.D	M.T.D.
Gross Obligation to RUS	\$ 54,111,889	General Fund Balance	\$51,987	Miles Energized	2046.39
Pymts Applied Against Principal	\$ 20,424,536	MMDA Investments	\$168,925	Density	2.82
Net Obligation to RUS	\$ 33,687,353	Cash Available at Month End	\$220,912	kWh Purchased	70,565,694
CFC Line of Credit	\$ -			kWh Sold (Inc. Office Use)	15,153,096
CoBank Line of Credit	\$ -	CFC Investments - CP, SN, MTN	\$5,336,949	Percent of Line Loss	66,287,864
CFC Note #9004-RUS refinance	\$ 5,312,100	CFC CTC's	\$221,958	Idle Services	6.06%
CFC Note #9006-RS Prepymt	\$ 191,833			Oper. Revenue Per kWh Sold	290
CoBank Note-Feb 21 Winter Event	\$ 1,674,344			Expense Per kWh Sold	11.63
				Income Per Mile	10.69
				Expense Per Mile	11.37
					743.93
					791.29

ACCOUNT AGING

	Current	30-89 Days	90 Plus
Irrigation Accounts Receivable	\$84,242	\$460	
Electric Accounts Receivable	\$1,383,162	\$12,544	\$5,611
Retail Accounts Receivable	\$51,490	\$10,860	\$9,385

2022-Line 25 - Non-Operating Margins

		January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
Rev.-Electrician & Mat.	415.1	\$41,610.26	\$39,180.92	\$58,583.01	\$294,540.62	\$79,209.01								\$513,123.82	415.1
Exp.-Electrician & Mat.	416.1/11	\$44,296.05	\$40,880.21	\$51,002.11	\$270,371.75	\$71,541.70								\$478,091.82	416.1/11
		(\$2,685.79)	(\$1,699.29)	\$7,580.90	\$24,168.87	\$7,667.31	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$35,032.00	
Rev.-Appliance Repair	415.2	\$13,226.33	\$35,074.50	\$11,957.94	\$16,282.17	\$25,711.15								\$102,252.09	415.2
Exp.-Appliance Repair	416.2/21	\$28,823.68	\$28,034.21	\$20,145.35	\$23,972.95	\$19,638.93								\$120,615.12	416.2/21
		(\$15,597.35)	\$7,040.29	(\$8,187.41)	(\$7,690.78)	\$6,072.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$18,363.03)	
Rev.-Member Damages	415.3	\$0.00	\$315.00	\$0.00	\$0.00	\$0.00								\$315.00	415.3
Exp.-Member Damages	416.3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								\$0.00	416.3
		\$0.00	\$315.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$315.00	
Finance Charges	415.5	\$144.44	\$214.36	\$94.92	\$299.78	\$170.55								\$924.05	415.5
MARGIN-Retail		(\$18,138.70)	\$5,870.36	(\$511.59)	\$16,777.87	\$13,910.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$17,908.02	
Misc. Income	421.0	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								\$0.00	421.0
Gain on Disposal	421.1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00								\$0.00	421.1
Loss on Disposal	421.2	\$0.00	\$0.00	\$0.00	\$2,947.17	\$0.00								\$2,947.17	421.2
NET NON-OP MARGIN		(\$18,138.70)	\$5,870.36	(\$511.59)	\$19,725.04	\$13,910.08	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$20,855.19	

	Current Month				YTD Total			
	Billed Hours	Unbilled Hours	Hourly Rate	Total Unbilled Rev	Billed Hours	Unbilled Hours	Hourly Rate	Total Unbilled Rev
Kalo	131.5	60	\$ 85.00	\$ 5,100.00	648.5	295	\$ 85.00	\$ 25,075.00
Michael	156	37	\$ 85.00	\$ 3,145.00	749	193	\$ 85.00	\$ 16,405.00
Mark	124	66	\$ 85.00	\$ 5,610.00	683.5	243.5	\$ 85.00	\$ 20,697.50
	411.5	163		\$ 13,855.00	2081	731.5		\$ 62,177.50

71.63%

73.99%

2022

Maintenance Inspection Log - to be completed monthly and copy submitted to Richard before the monthly Board meeting.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1 Overhead lines												
number/miles	3986	4684	2833	4765	6871							
cost	39879	48956	28990	38752	55134							
2 Underground lines												
number/miles	70	80	331	120	385							
cost	649	785	3765	1273	3718							
3 Poles												
number inspected	0	0	1097	1706	0							
cost	0	0	15664	24360	0							
4 Right-of-way												
miles inspected	0	80	105	130	107							
cost	0	785	1749	1944	998							
5 Substations												
number inspected	15	15	15	15	15	15	15	15	15	15	15	15
which ones?	All	All	All	All	All	All	All	All	All	All	All	All
cost	\$3,235.00	\$3,127.00	\$2,375.00	\$3,458.00	\$1,713.00							
6 DG Interconnections												
number inspected	0	0	0	0	0							
cost	0	0	0	0	0							
7 CT:PT Metering												
number inspected	0	0	0	0	0							
cost	0	0	0	0	0							
8 Line Clearances												
miles inspected	259	280	50	0	80							
cost	2261	1286	324	0	1609							

Operations Report June 2022

- **Maintenance**

Replaced broken anchors and guywires at Beeler substation and north of Bazine.
Changed out bad transformer on Murphy lease south of Dighton.
Finished primary underground at new Grigston elevator.
Changed out poles for clearance improvement in Healy and north of Beeler.
Changed out broken transformer pole at Elvern Borell's.
Changed out bad poles marked by pole testers.
Retired line and pad mount transformer at Dollar General in Dighton.
Set poles for Kalo and Mike at Lane Co Feeders.
Replaced 2 switch poles in Ness City.
Changed out OCR's to be reworked by KEC.

- **New Connects**

Convert single phase connect to 3 phase for Pickrell Drilling Sutton #2 lease.
Built new single-phase line and connect for Palomino Binary Sunset lease, Alex Gable water well, and Mark Legleiter camper connect.
Built 2 spans for single phase and connect for Curtis Morehouse new shed.

- **Substations**

Regular maintenance including adjusted regulators in Dighton Low to help with low voltage.
Changed out bushings on the circuit switcher in the Alexander sub.

- **Other**

Monthly KEC safety meeting and pole top rescue.
Utility Asset Management finished the pole truss installations north of Alexander.
Uploaded FEMA documents to the grant portal for the March blizzard.

INFORMATION TECHNOLOGY REPORT

IT/COMPLIANCE PROJECTS COMPLETED AS OF JUNE 2022

1. AppSuite Annual Meeting registration programming.
2. Security system settings configured and tested.
3. Desktop Endpoint Central file purge.
4. Payment gateway version 1.25 patch 1.
5. Research Coop Web Builder website upgrade from Google Universal Analytic transition to Google Analytic 4 platform.
6. NRECA Cooperative IT Mentoring Program.
7. Domain disk cleaner.
8. DNP cancel cutoff and SmartHub listener notification issue resolved.
9. Troubleshooting employee software and device issues.
10. AppSuite Compass 1.88 and 1.89 version updates.
11. AppSuite MapView TPK imagery and data file monthly update.

IT/COMPLIANCE PROJECTS IN PROGRESS AS OF JUNE 2022

1. CIS account purge process.
2. Microsoft Active Directory training.
3. Board room projector replacement in progress.
4. Retail Verifone P200 payment system.
5. Fujitsu scanner install and programming.

CYBERSECURITY COMPLIANCE REPORT

CYBERSECURITY/IT PROJECTS COMPLETED AS OF JUNE 2022

1. Research security system firewall requirements.
2. Payment Gateway 1.25 upgrade for processing IVR credit card payments.
3. Asset inventory updates.
4. Aruba wireless access points device install and programming.
5. Security system networking switch relocate, wire pull, and programming.
6. ASP iVue server monthly patching and updates.
7. Office 365 threat management daily review and risk mitigation.
8. Manage Engine Desktop Central patch management daily review and risk mitigation.
9. Cyber Detect Rapid 7 asset vulnerability management and risk mitigation.
10. Cyber Detect Insight end user vulnerability management and risk mitigation.
11. Cyber Detect Nexpose vulnerability scan.
12. US Payment KIOSK monthly server patching and software upgrade.
13. Operations and domain server backups and alert warning daily review.
14. Applications and windows updates and patching.

CYBERSECURITY/IT PROJECTS IN PROGRESS AS OF JUNE 2022

1. Cybersecurity operating policy.
2. Cybersecurity training operating policy.
3. Cybersecurity wire fraud operating policy.
4. Cyber Defense Firewall full management upgrade.
5. Cyber Patch full management upgrade.

Richard McLeon

From: Nate Burns
Sent: Thursday, July 7, 2022 3:33 PM
To: Richard McLeon
Subject: Engineering update

This month our contractor completed the installation of our pole trussing pilot/Beta project. 64 trusses were installed between the Alexander and McCracken substations. We have two test groups and a control group where trusses we not installed. I have a little follow up work yet to do building a tracking spreadsheet but for the most part this phase of the project is complete. The group is working on the grant phase now. We have the new binsite at Grigston completed and in service. We were just notified that we can remove the temporary construction connect. We set flags and called in locates on the new Family Dollar/Dollar Tree in Ness City and will be completing our connect within the next couple of weeks. Wayne is sending a crew back to complete testing in Ness City and has promised me any additional data he has that has not yet been sent. I am starting to put together maps of normal and alternate feeds for the Community back-feed project you requested and will work with Doug on alternative options.

Nate Burns

Engineering Coordinator
Lane-Scott Electric
(620) 397-5327 O
(620) 397-8063 C (best)

Substation NCP and CP from Sunflower Determinants

NCP KW			2022												NCP % capacity (kW/kVa)
Substation	Recorder ID	Substation capacity (kVa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Beeler	SF02 BEELER	28000	6,064	6,207	6,107	6,307	6311								22.5%
Dighton 14400	SF02 DIGH14400	28000	5,160	5,031	5,001	4,994	5577								19.9%
Dighton 7200	SF02 DIGH7200	22400	2,361	2,362	2,245	2,519	3233								14.4%
Manning	SF02 MANNING	25000	4,794	4,881	4,939	5,530	6107								24.4%
Manning B	SF02 MANNINGB	7500	0	0	0	0	0								0.0%
LS Seaboard	SF02 SEABOARD	billing	249	258	254	195	216								
Twin Springs 14000	SF02 TSPRGS14	11300	270	273	236	220	299								2.6%
Twin Springs 7200	SF02 TSPRGS72	11300	179	186	261	263	304								2.7%
Dighton WAPA	SFWP DIGHTON	billing	156	138	136	155	154								
Dighton - West	SF02 DIGHTCTYW	1500	323	316	341	317	501								33.4%
Dighton - North	SF02 DIGHTCTYN	1500	504	493	424	421	628								41.9%
Dighton - South	SF02 DIGHTCTYS	1500	637	631	532	660	945								63.0%
City of Dighton	SFS2 DIGHCTY	billing	1,219	1,240	1,099	1,220	1789								
Alexander 115 Sub	MK02 ALEXAN	20000	2,162	1,597	1,500	2893	1646								14.5%
Ness City 115 Sub	MK02 NESS115	20000	4,460	3,580	4,674	4246	4346								23.4%
Non-Coincidental Peak			28,538	27,193	27,749	29,940	32,056	0	0	0	0	0	0	0	

CP KW			2022												NCP % capacity (kW/kVa)
Substation	Recorder ID	Substation capacity (kVa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Beeler	SF02 BEELER	28000	5,395	5,768	5,178	5,711	6123								21.9%
Dighton 14400	SF02 DIGH14400	28000	3,970	4,326	4,866	4,780	4793								17.4%
Dighton 7200	SF02 DIGH7200	22400	2,302	2,288	2,115	2,445	3027								13.5%
Manning	SF02 MANNING	25000	4,073	4,803	4,645	4,433	5268								21.1%
Manning B	SF02 MANNINGB	7500	0	0	0	0	0								0.0%
LS Seaboard	SF02 SEABOARD	billing	198	225	217	167	183								
Twin Springs 14000	SF02 TSPRGS14	11300	217	214	191	195	278								2.5%
Twin Springs 7200	SF02 TSPRGS72	11300	136	164	125	256	288								2.5%
Alexander 115 Sub	MK02 ALEXAN	20000	646	1,543	0	1293	1523								7.7%
Ness City 115 Sub	MK02 NESS115	20000	4,449	3,580	4,554	2606	4053								22.8%
Sum of CP			21,386	22,911	21,891	21,886	25,536	0	0	0	0	0	0	0	

City of Dighton NCP			2022												NCP % capacity (kW/kVa)
Substation	Recorder ID	Substation capacity (kVa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Dighton WAPA	SFWP DIGHTON	billing	156	138	136	155	154	0	0	0	0	0	0	0	
Dighton - West	SF02 DIGHTCTYW	1500	323	316	341	317	501	0	0	0	0	0	0	0	33.4%
Dighton - North	SF02 DIGHTCTYN	1500	504	493	424	421	628	0	0	0	0	0	0	0	41.9%
Dighton - South	SF02 DIGHTCTYS	1500	637	631	532	660	945	0	0	0	0	0	0	0	63.0%
City of Dighton	SFS2 DIGHCTY	billing	1,219	1,240	1,099	1,220	1,789	0	0	0	0	0	0	0	
			4500	1,464	1,440	1,297	1,398	2,074	0	0	0	0	0	0	0.0%

Sunflower Billing Summary			capacity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
City of Dighton @ 2% Subtract from WHM			CPKW	1,329	1,368	1,145	1283	1859								
Demand (off of CP)				20,057	21,543	20,746	20,603	23,677	0	0	0	0	0	0	0	13.3%
Energy purchased				14,188,752	12,585,333	13,012,284	12,943,820	14,440,521								

Member Service Board Report
July 11, 2022 Board Meeting

1. For Board Action: Secretary Certification of Mailing to be signed.
2. Annual Meeting
3. Researching FEMA BRIC Grant, working with Nate and UAM on project location for the grant.
4. Finished Communication pieces for the Sharing Success Grant Program & Food Drive.
5. Communications for the June planned outage in Ness City. Used the IVR Call Capture system to call members affected, along with newspaper and social media notifications.
6. Updated the new member guide booklet
7. Processing scholarship disbursement forms and verifying enrollment for recipients.
8. Normal monthly KCL, social media posts, website updates, new member e-mail series, newsletter e-blast, chamber communications, sponsorship/donation requests, communication plan updates, spending report, advertising.

June Warehouse Report

Total Inventory Dollars on Hand for June:

Line Material--\$254,737

Inventory Turns—1.537

Resale Material--\$202,714

Inventory Turns—0.737

Generac Update:

Interest in getting bids for new Generac generators has risen this month. We now have three customers that want to move forward with quotes. Lead times are still sitting at the 30–35-week time frame. Michael finished his recertification so for now, all technicians are up to date on certification.

Inventory to be Billed/Future Margins:

8 Generac generators: \$90,000 average gross/\$20,000 average net margin

Electrician Update:

Work has not slowed for the electricians this month. There has been multiple irrigation well service calls as well as calls to repair the camper spots at the fairgrounds. Lane County Feeders' New Mill is progressing. The key for the guys will be to find a balance between working on the larger jobs and yet still completing the smaller jobs as well.

HVAC Update:

With Mark off due to surgery, we have not been working on any HVAC systems. We have received several calls, especially when the heat turned on. All calls have been referred to technicians out of Garden City or Scott City.

Line Material:

It seems like we had some victories regarding line material in June. We were able to secure some high voltage transformers at old pricing, saving tens of thousands of dollars. We also received a quote for additional transformers with a lead time of only 18-20 weeks. We are currently working with Western United Electric Supply Corporation on transformers. They have guaranteed production spots that would ensure consistent delivery of transformers for 2023. It is still a work in progress but could be a great thing for us moving forward.