

LANE-SCOTT ELECTRIC ENERGY SALES STATISTICS FOR JULY 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	2,217	3,314,331	14,779,714	\$417,074	\$1,917,586	952	\$123.48	12.97
Residential Sales-Seasonal	47	48	15,770	63,535	\$3,051	\$15,742			
Irrigation Sales	333	334	2,758,606	7,246,409	\$275,864	\$683,509			
Small Commercial	1,861	1,859	4,514,025	29,856,099	\$556,136	\$3,426,478	2,292	\$262.99	11.48
Large Commercial	175	174	3,123,493	19,445,329	\$393,946	\$2,387,664	15,913	\$1,953.90	12.28
Public Street Lighting	13	13	35,946	251,622	\$5,529	\$35,758			
Public Building Sales	48	48	47,677	256,967	\$6,641	\$35,547			
Non-Domestic	1,063	1,068	202,735	1,298,205	\$46,395	\$284,616			
City of Dighton	1	1	1,278,440	5,653,301	\$126,524	\$459,634	807,614	\$65,662.00	8.13
Idle Services on rate 90	22	16	0	0	\$504	\$3,621			
Large Industrial	3	3	2,675,230	20,952,420	\$257,463	\$1,910,628	997,734	\$90,982.29	9.12
Irrigation Horsepower Charges	0	0	0	0	\$0	\$303,560			
Total Energy Sales	5,784	5,781	17,966,253	99,803,601	\$2,089,127	\$11,464,343			11.49
Other Electric Revenue					\$20,211	\$68,783			
Total					\$2,109,338	\$11,533,126			

SUBSTATION DATA

Substation	(NCP)KW	kWh Purchased	Cost Per kWh	kWh Sold	Line Loss	Load Factor-P	Load Factor-S
Beeler-Sub 3	6,908	4,256,791		3,959,572	6.98%	82.82%	77.04%
Dighton-Sub 1 - 7200	2,993	1,945,744		1,818,691	6.53%	87.38%	81.67%
Dighton-Sub 2 - 14400	4,381	2,693,789		2,602,193	3.40%	82.65%	79.83%
Manning-Sub 4	7,337	4,356,807		4,188,189	3.87%	79.81%	76.72%
LS Seaboard-Sub 5	260	127,672		124,055	2.83%	66.00%	64.13%
Twin Springs Lo 7.6-Sub 7	371	210,965		198,357	5.98%	76.43%	71.86%
Twin Springs Hi 14.1-Sub 8	384	187,279		175,093	6.51%	65.55%	61.29%
City of Dighton	2,930	1,143,841	9.7800	1,143,841	0.00%	52.47%	52.47%
City of Dighton - WAPA	218	134,599	2.6000	134,599	0.00%	82.99%	82.99%
Alexander 115	2,335	1,166,697		1,106,255	5.18%	67.16%	63.68%
Ness City 115	8,123	2,640,688		2,515,408	4.74%	43.69%	41.62%
Total	36,240	18,864,872	8.7900	17,966,253	4.76%	69.97%	66.63%

RUS/CFC LOAN FUND TRANSACTIONS

MISC.

OTHER STATISTICS

				Y.T.D	M.T.D.
Gross Obligation to RUS	\$ 54,111,889	General Fund Balance	\$77,673	Miles Energized	2046.39
Pymts Applied Against Principal	\$ 20,639,485	MMDA Investments	\$249,535	Density	2.82
Net Obligation to RUS	\$ 33,472,404	Cash Available at Month End	\$327,208	kWh Purchased	106,296,719
CFC Line of Credit	\$ -			kWh Sold (Inc. Office Use)	99,853,502
CoBank Line of Credit	\$ -	CFC Investments - CP, SN, MTN	\$5,194,720	Percent of Line Loss	6.06%
CFC Note #9004-RUS refinance	\$ 5,312,100	CFC CTC's	\$221,958	Idle Services	273
CFC Note #9006-RS Prepymt	\$ 191,833			Oper. Revenue Per kWh Sold	11.55
CoBank Note-Feb 21 Winter Event	\$ 1,532,631			Expense Per kWh Sold	11.83
				Income Per Mile	1030.76
				Expense Per Mile	1125.73

ACCOUNT AGING

	Current	30-89 Days	90 Plus
Irrigation Accounts Receivable	\$239,082	\$17	
Electric Accounts Receivable	\$1,765,767	\$34,913	\$7,264
Retail Accounts Receivable	\$112,719	\$3,382	\$14,279

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	\$107,129.85	\$158,595.57						\$778,849.24	415.1
Exp.-Electrician & Mat.	416.1/1.11	\$44,296.05	\$40,880.21	\$51,002.11	\$270,371.75	\$71,541.70	\$73,861.66	\$123,288.25						\$675,241.73	416.1/1.11
		(\$2,685.79)	(\$1,699.29)	\$7,580.90	\$24,168.87	\$7,667.31	\$33,268.19	\$35,307.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$103,607.51	
Rev.-Appliance Repair	415.2	\$13,226.33	\$35,074.50	\$11,957.94	\$16,282.17	\$25,711.15	\$4,588.18	\$141.69						\$106,981.96	415.2
Exp.-Appliance Repair	416.2/2.1	\$28,823.68	\$28,034.21	\$20,145.35	\$23,972.95	\$19,638.93	\$9,216.82	\$11,129.62						\$140,961.56	416.2/2.1
		(\$15,597.35)	\$7,040.29	(\$8,187.41)	(\$7,690.78)	\$6,072.22	(\$4,628.64)	(\$10,987.93)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$33,979.60)	
Rev.-Member Damages	415.3	\$0.00	\$315.00	\$0.00	\$0.00	\$0.00	\$3,349.27	\$0.00						\$3,664.27	415.3
Exp.-Member Damages	416.3	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,226.05	\$0.00						\$1,226.05	416.3
		\$0.00	\$315.00	\$0.00	\$0.00	\$0.00	\$2,123.22	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,438.22	
Finance Charges	415.5	\$144.44	\$214.36	\$94.92	\$299.78	\$170.55	\$217.99	\$190.73						\$1,332.77	415.5
MARGIN-Retail		(\$18,138.70)	\$5,870.36	(\$511.59)	\$16,777.87	\$13,910.08	\$30,980.76	\$24,510.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$73,398.90	
Misc. Income	421.0	\$0.00	\$0.00	\$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	\$0.00						\$0.00	421.1
Loss on Disposal	421.2	\$0.00	\$0.00	\$0.00	\$2,947.17	\$0.00	\$0.00	\$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	\$30,980.76	\$24,510.12	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$76,346.07	

	Current Month				YTD Total			
	Billed Hours	Unbilled Hours	Hourly Rate	Total Unbilled Rev	Billed Hours	Unbilled Hours	Hourly Rate	Total Unbilled Rev
Kalo	132.5	61	\$ 85.00	\$ 5,185.00	935.5	394.56	\$ 85.00	\$ 33,537.60
Michael	169.5	29	\$ 85.00	\$ 2,465.00	1068.5	258	\$ 85.00	\$ 21,930.00
Mark	0	168	\$ 85.00	\$ 14,280.00	726.5	553.5	\$ 85.00	\$ 47,047.50
	302	258		\$ 21,930.00	2730.5	1206.06		\$ 102,515.10

53.93%

69.36%

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	3,986	4,684	2833	4765	6,871	4,659	4,176					
cost	\$39,879.00	\$48,956.00	\$28,990.00	\$38,752.00	\$55,134.00	\$37,531.00	\$36,823.00					
2 Underground lines												
number/miles	70	80	331	120	385	279	195					
cost	\$649.00	\$785.00	\$3,765.00	\$1,273.00	\$3,718.00	\$3,371.00	\$3,660.00					
3 Poles												
number inspected	0	0	1097	1706	0	0	0					
cost			\$15,664.00	\$24,360.00								
4 Right-of-way												
miles inspected	0	80	105	130	107	119	250					
cost	\$0.00	\$785.00	1749.00	\$1,944.00	\$998.00	\$899.00	\$1,510.00					
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	\$3,919.00	\$3,719.00					
6 DG Interconnections												
number inspected	0	0	0	0	0	0	0					
cost	\$0.00											
7 CT:PT Metering												
number inspected	0	0	0	0	0	0	0					
cost	\$0.00											
8 Line Clearances												
miles inspected	259	280	50	0	80	483	685					
cost	\$2,261.00	\$1,286.00	\$324.00	\$0.00	\$1,609.00	\$6,498.00	\$14,236.00					

Operations Report August 2022

- **Maintenance**

Refuse transformers and side taps.
Worked locate tickets system wide.
Fixed lights system wide.
Trimmed trees at Neal George's and Dennis Selfridge.
Built new regulator station on Twin Springs low circuit.
Worked on formal line patrol in Scott Co.
Retired old platform station at the Ness City High School.
Retired single phase line at Dave Albers north of Bazine and in Scott Park.
Changed out bad arresters on side tap by McCarthy Dairy.
Energized new underground and pad mount transformer at Lane Co Feeders.

- **New Connects**

Built new 3 phase connect for Palomino on east Norton circuit.
Built new single phase connect for Tom Tomlinson in Alexander.
Set new riser pole, trenched in primary underground and set pad mount transformer at the Lane Co fairgrounds.
Set new pole and built 3 phase connect for K-D Farms irrigation.
Built new connect for Tallgrass north of Healy.
Built new connect for Family Dollar in Ness City.
Built new single phase connect for Palomino Happy Gilmore lease.

- **Pole Change outs.**

Changed out 2 single phase poles on the Strait tap.
Changed out 3 phase switch pole south of Ransom.
Changed out 34.5 poles in Ness City by the community building and behind Healzer Tire.
Change out poles for clearance on the East Norton circuit.

- **Substations**

Changed out auto transformers in Twin Springs for proper clearance.
Adjusted regulators in Twin Springs substation.
Changed out OCR's in South Dighton City substation.
Repaired loose connections in West City substation.
Monthly sub checks.
Mowed around all substations.

- **Other**

Changed out bad meters and updated meter firmware.
KEC safety meeting.

Worked on trucks.

Moved Regulators and transformers to north lot.

Hauled scrap wire to Garden City.

Worked CPR's and material inventory sheets.

Helped the electricians set control boxes at Lane Co Feeders.

INFORMATION TECHNOLOGY REPORT

IT/COMPLIANCE PROJECTS COMPLETED AS OF AUGUST 2022

1. KEC Supervisor and Manager Development Program August 22-26.
2. Implemented into iVue work order process a labor completed date entry that will prevent incorrect time entry on AppSuite ESS time entry.
3. Retail Cash Register was implemented, and warehouse supervisor was trained.
4. Cash Register MR merchandise return procedures were tested and trained on.
5. Mosaic program training and programming.
6. Security system retail, truck bay, and Morton building switch programming and testing.
7. Annual meeting electronic registration successful.
8. Mobile radio meeting to gather information on router communication network requirements.
9. ESRI/SQL server upgrade requirements researched in preparation for dual upgrade.
10. Budget Pro training and it was decided this project would not be of use at this time.
11. Security system settings configuration testing.
12. KIOSK driver upgrade.
13. NRECA Cooperative IT Mentoring Program.
14. Troubleshooting employee software and device issues.
15. AppSuite 1.92 version updates.
16. AppSuite MapView TPK imagery and data file monthly update.

IT/COMPLIANCE PROJECTS IN PROGRESS AS OF AUGUST 2022

1. CIS account purge process.
2. Microsoft Active Directory training.
3. Fujitsu scanner install and programming.
4. Getting quotes for collector battery backups.
5. Networking and security system wiring and mapping.

CYBERSECURITY COMPLIANCE REPORT

CYBERSECURITY/IT PROJECTS COMPLETED AS OF AUGUST 2022

1. NRECA meeting on Cyber Tech workshops.
2. Aruba wireless access points network vlan security programming.
3. Security system networking switch ordered and programming.
4. ASP iVue server monthly patching and updates.
5. Office 365 threat management daily review and risk mitigation.
6. Manage Engine Desktop Central patch management daily review and risk mitigation.
7. Cyber Detect Rapid 7 asset vulnerability management and risk mitigation.
8. Cyber Detect Insight end user vulnerability management and risk mitigation.
9. Cyber Detect Nexpose vulnerability scan.
10. US Payment KIOSK monthly server patching and software upgrade.
11. Operations and domain server backups, disk cleaner, and alert warning daily review.
12. Applications and windows updates and patching.

CYBERSECURITY/IT PROJECTS IN PROGRESS AS OF AUGUST 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, September 8, 2022 2:29 PM
To: Richard McLeon
Subject: Engineering update

Richard,

This month we have both an ArcFlash study and an SPPC plan in progress with PSE. I have Emailed some data for the ArcFlash and received the out of office auto reply. I will reach out to him again next week. I haven't heard anything from the young man doing the SPPC plan so I will touch base with him also. We have a call with our KDEM/FEMA rep Friday 9/9/22 at 9am. I have all but 3 poles accounted for on the December storm and Myron is running those down for me. I have been working on pole replacements to keep ahead of the crews between new connects. I will begin on Ness county for the March FEMA event next week. I plan on getting this all wrapped up asap to free up time for the Expo project.

Thanks

Nate Burns

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

Substation NCP and CP from Sunflower Determinants

			peak												NCP % capacity (kW/kVa)	
NCP KW			2022													
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	6,311	6,855	6,908	6,817				24.7%		
Dighton 14400	SF02 DIGH14400	28000	5,160	5,031	5,001	4,994	5,577	6,659	5,831	6,549				23.8%		
Dighton 7200	SF02 DIGH7200	22400	2,361	2,362	2,245	2,519	3,233	4,495	4,636	4,719				21.1%		
Manning	SF02 MANNING	25000	4,794	4,881	4,939	5,530	6,107	7,170	7,337	7,235				29.3%		
Manning B	SF02 MANNINGB	7500	-	-	-	-	-	-	-	-				0.0%		
LS Seaboard	SF02 SEABOARD	billing	249	258	254	195	216	242	260	231						
Twin Springs 14000	SF02 TSPRGS14	11300	270	273	236	220	299	391	384	348				3.5%		
Twin Springs 7200	SF02 TSPRGS72	11300	179	186	261	263	304	357	371	342				3.3%		
Dighton WAPA	SFWP DIGHTON	billing	156	138	136	155	154	185	218	176						
Dighton - West	SF02 DIGHTCTYW	1500	323	316	341	317	501	727	717	913				60.9%		
Dighton - North	SF02 DIGHTCTYN	1500	504	493	424	421	628	734	926	898				61.7%		
Dighton - South	SF02 DIGHTCTYS	1500	637	631	532	660	945	1,281	1,450	1,326				96.7%		
City of Dighton	SFS2 DIGHCTY	billing	1,219	1,240	1,099	1,220	1,789	2,609	2,931	2,772						
Alexander 115 Sub	MK02 ALEXAN	20000	2,162	1,597	1,500	2,893	1,646	2,347	2,335	2,162				14.5%		
Ness City 115 Sub	MK02 NESS115	20000	4,460	3,580	4,674	4,246	4,346	5,611	8,123	5,851				40.6%		
Non-Coincidental Peak			28,538	27,193	27,749	29,940	32,056	39,663	42,427	40,339	0	0	0	0		

load shifting August 2022

load shifting
August 2022

CP KW			2022												CP % 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	6,123	6,599	6,403	6,692					23.6%
Dighton 14400	SF02 DIGH14400	28000	3,970	4,326	4,866	4,780	4,793	5,128	5,614	5,461					20.1%
Dighton 7200	SF02 DIGH7200	22400	2,302	2,288	2,115	2,445	3,027	4,430	4,351	4,515					19.8%
Manning	SF02 MANNING	25000	4,073	4,803	4,645	4,433	5,268	6,335	6,285	5,967					25.3%
Manning B	SF02 MANNINGB	7500	-	-	-	-	-	-	-	-					0.0%
LS Seaboard	SF02 SEABOARD	billing	198	225	217	167	183	207	241	216					
Twin Springs 14000	SF02 TSPRGS14	11300	217	214	191	195	278	337	354	336					3.1%
Twin Springs 7200	SF02 TSPRGS72	11300	136	164	125	256	288	335	366	322					3.2%
Alexander 115 Sub	MK02 ALEXAN	20000	646	1,543	-	1,293	1,523	2,055	2,219	2,081					11.1%
Ness City 115 Sub	MK02 NESS115	20000	4,449	3,580	4,554	2,606	4,053	5,392	6,032	5,851					30.2%
Sum of CP			21,386	22,911	21,891	21,886	25,536	30,818	31,865	31,441	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	185	218	176	-	-	-	-		
Dighton - West	SF02 DIGHTCTYW	1500	323	316	341	317	501	727	717	913	-	-	-	-	60.9%	
Dighton - North	SF02 DIGHTCTYN	1500	504	493	424	421	628	734	926	898	-	-	-	-	61.7%	
Dighton - South	SF02 DIGHTCTYS	1500	637	631	532	660	945	1,281	1,450	1,326	-	-	-	-	96.7%	
City of Dighton	SFS2 DIGHCTY	billing	1,219	1,240	1,099	1,220	1,789	2,609	2,931	2,772	-	-	-	-		
			4500	1,464	1,440	1,297	1,398	2,074	2,742	3,093	3,137	0	0	0	0	60.9%

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	1,283	1,859	2,718	2,950	2,947					
Demand (off of CP)			178000	20,057	21,543	20,746	20,603	23,677	28,100	28,915	28,494	0	0	0	0	16.2%
Energy purchased				14,188,752	12,585,333	13,012,284	12,943,820	14,440,521	15,886,273	17,586,432	16,720,211					

Member Service Board Report
September 12, 2022 Board Meeting

1. Paperless Billing: Incentive for members to sign up for paperless bill (also Smarthub) with a one-time \$10 bill credit.

Sign up for
Paperless Billing via Smarthub
for a one-time \$10 Bill Credit

You'll receive your bill electronically instead!

It only takes a few minutes to sign-up through Smarthub online or on your mobile device and it comes with many great benefits:

- Reduce paper use.
- Receive your bill quicker and avoid frustration over postal delays.
- View or print your electric bill anytime with 24/7 secure access to your online account.
- Help us reduce operating costs of printing, labor, and postage.
- Receive enhanced communication with electronic text or email notifications

How to Sign up

- Sign into SmartHub or create a new account directly to lanescott.smarthub.coop or through our website at lanescott.coop
- If you need to create a new Smarthub account, click on "New User? Sign up to access our Self Service site." You just need your Lane-Scott Electric account number, and access to an email account.

To go Paperless

1. Click on "My Profile"
2. Choose "Update My Paperless Settings"
3. Click the button to turn "ON" paperless billing and choose "Yes" to confirm

Step 1: Screenshot of the Lane-Scott Electric Cooperative login page with fields for Email Address and Password, and a Login button.

Step 2: Screenshot of the user profile menu with options: Update My Login E-Mail or Password, Manage My Registered Accounts, Update My Billing Address & Contact Information, Change My Shared Payment Account, Update My Security Phrase, Update My Second Item Quarters, Update My Custom Meter Descriptions, and Update My Paperless Settings (highlighted).

Step 3: Screenshot of the Paperless settings page with a toggle switch for Paperless billing, currently set to ON.

2. Finished Back to School social media contest
3. Grant work, several webinars, putting together information. The Notice of Funding for the BRIC grant was released. KS only receiving \$2 million for all infrastructure projects.
4. Ride-along with the lineman.
5. The last of the scholarship recipients turned in required paperwork to receive their scholarships.

6. Fall radio spot & fall newspaper ad



These Friday night
lights are powered by

**Lane-
Scott**
Electric Cooperative
A Truist Energy Cooperative

Lane-Scott Electric is proud to power the homes,
businesses, and schools of Ness County. Follow us at
facebook.com/Lane-Scott-Electric
or on our website at
www.lanescott.coop
to see what else we are doing in your communities.

7. 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.

August Warehouse Report

Total Inventory Dollars on Hand for August:

Line Material--\$272,956	Inventory Turns—0.982
Resale Material--\$222,047	Inventory Turns—1.387

Generac Update:

It looks like we may finally have some generators shipping that we've been waiting on in September, even the one for our office! Hopefully this means that lead times will be shrinking. We currently have 5 quotes to do and have two installations scheduled for September. We will be going around and servicing several generators in September as well. Sales have been down simply because of the long lead times. Many people can find generators at Home Depot or Menards. The good news is they still want us to install them when they get them, so we're not completely losing out.

Inventory to be Billed/Future Margins:

9 Generac generators: \$101,250 average gross/\$22,500 average net margin

12,000' Duct: \$30,500 gross/\$10,000 net margin

Electrician Update:

Once again, nothing slowed in August for the electricians. Michael has primarily worked at LCF and Kalo has taken care of some other jobs. We have several mid to large size jobs coming up, so I don't foresee a slowdown for quite some time. Material hasn't been too much of a problem as long as we plan accordingly.

HVAC Update:

Mark will be back in September and will have a few service calls waiting for him. After those, my thoughts are to have him service generators and help Kalo get Generac installations done. My guess is service calls will be slow at first, so the remainder of his time can be spent helping the electricians get caught up with their job list.

Line Material:

I feel very fortunate that up to this point, we've managed to stay stocked and avoid any long-term material shortages. For this to continue, we'll have to keep communicating and be willing to try different brands/variations. Poles continue to have a 6-8 week lead time and transformers are anywhere from 36-72 weeks out, depending on the vendor.