#### LANE-SCOTT ELECTRIC ENERGY SALES STATISTICS FOR APRIL 2024

	NO. REC		<u> ELECTRIC E</u> I	NEKGI SALE	STATISTICS	TOR AI KIL 2		Y.T.D	SALE		
CLASS OF SERVICE	SERV		kWh	SOLD	AMOUN	Γ BILLED	AV.	PRICE			
CEASS OF SERVICE	Y.T.D.	THIS	THIS	JOLD	THIS	DILLED	kWh	LICAGE	PER kWh		
	AVG.	MONTH	MONTH	Y.T.D.	MONTH	Y.T.D.	USED	AMOUNT	Y.T.D.		
Residential Sales	2,224	2,223			\$184,205	\$884,125	772	\$99.37	12.87		
Residential Sales-Seasonal	37	37		31,147	\$1,468	\$6,999	,,_	ψ,,,,,,,,	12.07		
Irrigation Sales	338	337		1,430,707	\$89,492	\$112,165					
Irrigation Horsepower Charges	0	0	0	0	\$0	\$311,240					
Small Commercial	1,830	1,831	3,940,527	15,269,853	\$403,305	\$1,639,511	2,086	\$223.98	10.74		
Large Commercial	171	172		10,531,506	\$283,088	\$1,188,996	15,442	\$1,743.40	11.29		
Public Street Lighting	13	12	, ,	127,366	\$4,575	\$19,023	10,1.2	ψ1,7 .5.1.0	11,27		
Public Building Sales	47	47	29,245		\$4,389	\$20,742					
Non-Domestic	1,057	1,061	147,548		\$36,797	\$161,951					
City of Dighton	1,007	1,001	559,800		\$40,691	\$175,277	637,468	\$43,819.31	6.87		
Idle Services on rate 90	14	13			\$410	\$1,733	057,100	ψ13,013.31	0.07		
Large Industrial	3	3	3,816,920	v	\$270,820	\$1,204,251	1,284,853	\$100,354.24	7.81		
Total Energy Sales	5,734	5,737	13,736,051	53,101,807	\$1,318,830	\$5,724,280	1,207,033	ψ100,33 <b>7</b> .2 <del>4</del>	10.78		
Other Electric Revenue	3,734	3,131	13,730,031	33,101,007	\$78,285	\$585,050			10.76		
Total					\$1,397,115	\$6,309,330					
Totai			<u> </u>	L UBSTATION D		\$0,309,330					
Culatation			(NCP)KW	kWh Purchased	Cost Per kWh	kWh Sold	Line Loss	Load Footon D	Load Factor-S		
Substation					Cost Per KWn	4,160,572		Load Factor-P			
Beeler-Sub 3			7,701	4,439,084		, ,	6.27%	80.06%	75.04%		
Dighton-Sub 1 - 7200 West & North	3,037	1,598,018		1,118,299	30.02%	73.08%	51.14%				
Dighton-Sub 2 - 14400 South	6,069	2,941,158		2,681,775	8.82%	67.31%	61.37%				
Manning-Sub 4	5,799	3,154,389		2,975,637	5.67%	75.55%	71.27%				
LS Seaboard-Sub 5			215	108,843		103,234	5.15%	70.31%	66.69%		
Twin Springs Lo 7.6-Sub 7			261	114,059		139,251	-22.09%	60.70%	74.10%		
Twin Springs Hi 14.1-Sub 8			216	- ,	6.2500	102,283	33.79%	99.33%	65.77%		
City of Dighton			1,184	481,170	6.2500	470,475	2.22%	56.44%	55.19%		
City of Dighton - WAPA			155	89,325	3.6300	89,325	0.00%	80.04%	80.04%		
Alexander 115			1,211	659,955		594,047	9.99%	75.69%	68.13%		
Ness City 115			2,897	1,381,781	4.7.600	1,301,153	5.84%	66.25%	62.38%		
Total	D 1310 1 00	TONG	28,745		4.7600	13,736,051	9.17%	73.07%	66.37%		
RUS/CFC LOAN FUND T	RANSACI	IONS	1	MISC.			OTHERS	TATISTICS			
G OLL V PYYG	<b>*</b>	<b>7.4.1.1.1.000</b>	0 15 15 1		<b>*255.254</b>	) (1 E		Y.T.D	M.T.D.		
Gross Obligation to RUS			General Fund Bal			Miles Energized		2040.39			
Pymts Applied Against Principal			MMDA Investme		\$408,933			2.81	15 100 0 5		
Net Obligation to RUS			Cash Available at	Month End		kWh Purchased	20" 11 \	56,766,227	15,122,262		
CFC Line of Credit	\$	-	GEG I	CD CNI MTDI		kWh Sold (Inc. Of		53,135,102	13,741,505		
CoBank Line of Credit	\$	- 4 (01 000	CFC Investments	- CP, SN, MTN		Percent of Line Lo	OSS	6.40%	9.13%		
CFC Note #9004-RUS refinance	\$	4,621,392	CFC CTC's		\$0	Idle Services	1 7771 6 11	324	10 :-		
CoBank Note-Feb 21 Winter Event	\$	21,940				Oper. Revenue Per		11.87	10.17		
						Expense Per kWh	Sold	11.07			
						Income Per Mile		684.73			
				A CCOLDED A C	DVC	Expense Per Mile			703.34		
				ACCOUNT AG				0 Plus			
	_			rent	30-89	Days	90				
	tion Accounts			\$35,044		\$2,448	\$0				
	tric Accounts			\$995,544		\$110,050		\$27,423			
Re	etail Accounts	Receivable	:	\$52,540		\$1,227	\$3,313				

## 2024-Line 25 - Non-Operating Margins

		January	February	March	April	May	June	July	August	September	October	November	December	TOTAL	
RevElectrician & Mat.	415.1	\$54,874.81	\$41,400.49	\$39,743.41	\$53,053.84									\$189,072.55	415.1
ExpElectrician & Mat.	416.1	\$52.074.86	\$41,231,46	\$37,175,06	\$53.352.19									\$183.833.57	416.1/.11
		\$2,799.95	\$169.03	\$2,568.35	(\$298.35)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,238.98	_
RevAppliance Repair	415.2	\$30.06	\$0.00	\$41.44	\$7.01									\$78.51	415.2
ExpAppliance Repair	416.2	\$557.45	\$5,393.73	\$69.06	(\$0.94)									\$6,019.30	416.2/.21
		(\$527.39)	(\$5,393.73)	(\$27.62)	\$7.95	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$5,940.79)	)
RevMember Damages	415.3	\$0.00	\$0.00	\$0.00	\$0.00									\$0.00	415.3
ExpMember Damages	416.3	\$0.00	\$0.00	\$0.00	\$0.00										416.3
zapi member zamagee		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	
Generac Warranty Parts & Labor	416.4	\$0.00	\$444.06	\$0.00	\$336.98									\$781.04	416.4
Finance Charges	415.5	\$67.28	\$38.37	\$72.84	\$69.99									\$248.48	415.5
i manoc charges	410.0	ψ07.20	ψου.υτ	ψ/ Z.O-i	Ψ00.00									Ψ2-10.10	10.0
			(*												-
MARGIN-Retail		\$2,339.84	(\$4,742.27)	\$2,613.57	\$116.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$327.71	
Misc. Income	421.0	\$0.00	\$0.00	\$0.00	\$0.00									\$0.00	421.0
Gain on Disposal	421.1	\$627.01	\$259.00	\$0.00	\$0.00									\$886.01	421.1
Loss on Disposal	421.2	(\$1,316.76)	\$0.00	\$0.00	\$0.00									(\$1,316.76	421.2
NET NON OR 114 POIN		<b>04.050.00</b>	(0.4.400.07)	00.040.57	0440.57	40.00	****	20.00	***	40.00	40.00	20.00	20.00	(0.100.0.1	<del>_</del>
NET NON-OP MARGIN		\$1,650.09	(\$4,483.27)	\$2,613.57	\$116.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	(\$103.04)	<u>)                                    </u>
			<b>0</b>	4 1441-			VTD	T-4-1							
		Dille di Herrie		nt Month	A-LU-bill- d D	Dille al III a mare i II		Total	F-A-I I I-bill- d D						
Kalo		Billed Hours L			otal Unbilled Rev				Total Unbilled Rev						
		0	0			0 497	0 \$								
Michael		143	41	\$ 85.00 \$	3,485.00	497	192 9	85.00	\$ 16,320.00						

77.72% 72.13%

Mark

2024

<u>Maintenance Inspection Log</u> - 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	8,113		2,929	3,733								
cost	\$95,752.00	\$40,125.00	\$30,254.00	\$31,561.00								
0. Handamana dii												
2 Underground lir number/miles	1es 250	173	115	625				<b>I</b>				
cost			145 \$2,264.00									
COSI	φ <del>4</del> ,202.00	φ3,037.00	φ2,204.00	φ2,304.00								
3 Poles												
number inspected	0	0	0									
cost	\$0.00	\$0.00	\$0.00	\$0.00								
4 Right-of-way												
miles inspected	0	370	10	840								
cost	\$0.00	\$4,049.00	523.00	\$2,224.00								
5 Substations		T						1				
number inspected	15		15			15	15					15
which ones?						All	All	All	All	All	All	All
cost	\$6,082.00	\$9,024.00	\$7,980.00	\$4,006.00								
6 DG Interconnec	tions											
number inspected	16	4	2	3								
cost	\$935.79	\$163.76	\$0.00	\$0.00								
7 OT DT M ( :												_
7 CT:PT Metering		A.II	A.II	0				<u> </u>				
number inspected	0		All	0								
cost	\$0.00	\$14,422.00	\$9,892.00	\$0.00								
8 Line Clearances	S				<u> </u>							
miles inspected	0	0	364	498								
cost	\$0.00	\$0.00	\$2,176.00	\$5,075.00								

# **Operation Report April 2024**

### Maintenance

Refuse transformers and side taps.

Work locate tickets system wide.

Fixed lights system wide.

Fixed secondary connections at Dean Cramer's.

Retired idol service for Tom Reed.

Retired 3-phase connect for Viking Resources Dodge Lease, and a single-phase connect for K-D Farms.

Trimmed trees in Ness City and Walter Rodger's in McCracken.

Upsized secondary at Brookover Feeders.

Fixed loose connections at Steve Compton's bins.

Changed out bad meters.

Changed out bad transformer and meter loop at John Davison's grain bins.

Monthly sub checks.

# • Pole Change Outs

Changed out 2, single-phase poles for clearance improvements on the Klein tap.

Change out 1, 3-phase riser pole for the Ness City swimming pool.

Changed out broken single-phase pole on Ben Evil tap, and Cottonwood Corals.

Changed out 2, 3-phase iron poles by the Cozy in Ness City.

Changed out 1, 3-phase iron stake pole by Ness City Farm and Feed.

Set lift pole behind Bumper to Bumper in Ness City.

## New Connects and Construction

Built new single-phase connect for Pete Flax's water well.

Built new single-phase connect for OneOk rectifier.

Built new single-phase connect Lynn Goebel's water well.

Built new single-phase connect for Stewart Well Service Whipple 1-27.

Built new single-phase connect for Russ Smith's loader plug in.

Bored underground and set pad mount transformers at the Ness City swimming pool.

Built ¾ mile of new 3 phase line and built 2 new connects for Weskan Grain.

Set new OCR pole on the Wheatland interconnect. The wire on the west side of this pole is the new demarcation point between Lane-Scott and Wheatland. We will be adding a new electronic recloser to this in the near future.

# Engineering

Monitor meters and mapping.

Update dig safe numbers.

Filed easements in Ness Co.

Staked in many new jobs that were completed by the crew this month.

Gathered GPS data on the underground for the Ness City swimming pool.

Met with Scott McNair on clearance issue at Cottonwood Corral.

Met with Jerry Riemann and his contractor about a 600 hp grain facility west of Dighton.

Continued work on the Conine Gas project, waiting on final paperwork and checks.

Worked with Kathy on substation assets.

We had a zoom meeting with Survelant on their SCADA/ RTU system. This meeting was to gather information and pricing for future options in collecting data at the substation level.

Dal, Nate, and Rebecca have been involved in MDM training with NISC.

# Other

KEC Safety meeting.

Project meeting for Engineering, Operations, and line training.

Cleaned shop and grounds in preparation for KEC walk through.

We will be selling 4 truck at JJ Kabe equipment auction on May the 8th.

#### Substation NCP and CP from Sunflower Determinants

NCP KW									2024						NCP %
Substation	Recorder ID	Substation capacity (kVa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	capacity (kW/kVa)
Beeler	SF02 BEELER	28000	6,246	6,547	6,843	7,701									27.5%
Dighton 14400	SF02 DIGH14400	28000	8,179	7,339	6,525	6,069									29.2%
Dighton 7200	SF02 DIGH7200	22400	2,584	2,351	2,445	3,037									13.6%
Manning	SF02 MANNING	25000	4,696	4,777	4,583	5,799									23.2%
Manning B	SF02 MANNINGB	7500	-		-	-									0.0%
LS Seaboard	SF02 SEABOARD	billing	281	241	258	215									
Twin Springs 14000	SF02 TSPRGS14	11300	345	228	234	216									3.1%
Twin Springs 7200	SF02 TSPRGS72	11300	151	155	200	261									2.3%
Dighton WAPA	SFWP DIGHTON	billing	156	133	136	155									2.570
Dighton - West	SF02 DIGHTCTYW	1500	461	502	364	417									33.5%
Dighton - North	SF02 DIGHTCTYN	1500	539	396	419	428									35.9%
Dighton - South	SF02 DIGHTCTYS	1500	618	417		509			1						41.2%
City of Dighton					415										41.270
	SFS2 DIGHCTY	billing	1,367	968	969	1,184									17.3%
Alexander 115 Sub	MK02 ALEXAN	20000	3,206	3,395	3,452	1,211									
Ness City 115 Sub	MK02 NESS115	20000	3,806	3,024	2,953	2,867									19.0%
Non-Coincidential Peal		178000	32,635	30,473	29,796	30,069	0	0		0	0		0	0	0.0%
last year	:		28,538	27,193	27,749	29,940	32,056	39,663	42,427	40,339	41,973	29,228	26,941	31,030	
CP KW				2024											CP %
		Substation													capacity
Substation	Recorder ID	capacity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	(kW/kVa)
Beeler	SF02 BEELER	(kVa) 28000	4,253	6,447	6,737	5,397	iviay	Juli	Jui	Aug	Зер	OCI	NOV	Dec	24.1%
															18.1%
Dighton 14400	SF02 DIGH14400	28000	4,323	5,046	5,060	4,876									
Dighton 7200	SF02 DIGH7200	22400	2,295	2,218	2,351	2,802									12.5%
Manning	SF02 MANNING	25000	4,005	4,777	3,681	4,402									19.1%
Manning B	SF02 MANNINGB	7500	-	-	-	-									0.0%
LS Seaboard	SF02 SEABOARD	billing	239	203	247	192									
Twin Springs 14000	SF02 TSPRGS14	11300	301	197	198	197									2.7%
Twin Springs 7200	SF02 TSPRGS72	11300	128	119	124	233									2.1%
Alexander 115 Sub	MK02 ALEXAN	20000	1,412	1,238	1,169	997									7.1%
Ness City 115 Sub	MK02 NESS115	20000	3,666	2,940	2,953	2,624									18.3%
Sum of CF		173500	20,622	23,185	22,520	21,720	0	0	0	0	0	0	0	0	13.4%
last year	:		21,386	22,911	21,891	21,886	25,536	30,818	31,865	31,441	27,203	20,679	21,277	19,552	
City of Dighton NCP			2024												
City of Digition 1101	1	Substation										1 1			NCP %
Substation	Recorder ID	capacity													capacity (kW/kVa)
		(kVa)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	(***/*****)
Dighton WAPA	SFWP DIGHTON	billing	156	133	136	155	-	-	-	-	-	-	-	-	
Dighton - West	SF02 DIGHTCTYW	1500	461	502	364	417	-	-	-	-	-	-	-	-	33.5%
Dighton - North	SF02 DIGHTCTYN	1500	539	396	419	428	-	-	-	-	-	-	-	•	35.9%
Dighton - South	SF02 DIGHTCTYS	1500	618	417	415	509	-	-	-	-	-	-	-	-	41.2%
City of Dighton	SFS2 DIGHCTY	billing	1,367	968	969	1,184	-	-	-	-	-	-	-	-	
Non-Coincidential Peal		4500	1,618	1,315	1,198	1,354	0	0	0	0	0	0	0	0	36.0%
last year			2,524	1,781	1,803	2,121	0	0		3,137	2,690		1,349	1,614	
Sunflower Billing Summary		capacity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	1
City of Dighton @ 2% Subtract from WHM	CPKW	<u> </u>	1,505	1,056	1,079	1,019	iviay	Juli	Jul	7106	эср	000	1404	DCC	1
Demand 1		178000	1,505	22,129	21,441	20,701	_	_	_	0	^		0		12.4%
Demand 2		178000	19,117 21,476	22,129		20,701	0	0	- 0	0	0	0	0	0	12.4%
		178000	12,766,597		21,772							<del>                                     </del>			12.8%
Energy purchased				13,033,432	13,830,792	13,981,271			I			1			1

# **INFORMATION TECHNOLOGY**

## May Board Meeting PROJECTS COMPLETED APRIL 2024

- Teams' application webinar settings reviewed and researched issues.
- Troubleshooting employee software and device issues, assisting in processes.

#### PROJECTS IN PROGRESS APRIL 2024

- DUO Proxy Software Server and Certificate Authority Server Programming for Identity and Access Management.
- Call to Order board application programming.
- Mapping License Bundle Transitioning
- Mosaic
- Purchase Order Electrical and Retail Work Management and integration to Inventory and Accounts Payable
- Telephone System Upgrade Quotes
- SRS to OMS Communication connection errors.

# **CYBERSECURITY**

## May Board Meeting

#### PROJECTS COMPLETED - APRIL 2024

- NRECA Electricity Information Sharing and Analysis Center (E-ISAC) Webinar
- Grid Resiliency and Innovation Partnership (GRIP) Informational Webinar
- NISC GRIP Consortium Application
- NRECA Threat Industrial Control Cybersecurity Community Threat Analysis Center (TICCC TAC) and Strategic Program for Advanced Rural Knowledge (SPARK) Application
- Employee and Trustee email awareness of malicious actors imitating as Richard Jennison, Richard McLeon, and Scott Briand.

#### PROJECTS IN PROGRESS - APRIL 2024

- DUO Identity and Access Management
- Cybersecurity Quarterly Training Campaign

### May Board Meeting – Member Service Report

 Scholarship Recipients have been selected, notified, and photos obtained. Non-winners received letters as well. We had the highest number of applicants yet, with 43.
 Recipients Are:

**Cally Cramer** from Healy, KS, is a current graduate of Scott Community High School. She will be attending Colby Community College to pursue a career in teaching.

**Carlee Flax** graduated Western Plains High School in 2021 and has since been attending Fort Hays State University pursuing a degree in Health and Human Performance. Her education plan following graduation from FHSU, is to pursue a graduate degree as a Physician's Associate. Ultimately returning to rural Kansas to give back to the community she grew up in as a healthcare professional.

**Lakin Getz** after completing his senior year at Quinter Junior- Senior High School will be attending the University of Nebraska Kearney pursuing a Bachelor of Science Degree in Finance and Business with an emphasis in Financial Planning and Organization. Upon graduation, he hopes to return to a smaller community to start his own financial planning business.

**Kalo Hineman** a graduate from Scott Community High School, plans to attend the University of Kansas to earn an undergraduate degree in either political science or psychology before pursuing a Juris Doctorate Degree at the University of Kansas Law School. Upon completion of his legal studies, he strives to someday become a practicing attorney.

**Lillian Payne** from Ransom, KS, will attend Fort Hays State University in the fall majoring in marketing and communication. While at FHSU she plans on joining the Global Learning Community, as someday she would like to be involved in international work and global marketing.

**Ayden Whipple** is a Dighton High School graduate from Beeler, KS. While in high school Ayden became a Certified Nurse's Assistant at Lane County Hospital, beginning her path to attend Fort Hays University in the fall to pursue a nursing degree. Eventually she would like to work as a critical care nurse in an emergency room.

2. <u>CoBank Grant Recipients</u> were also selected & notified, as were non-recipients. We received 20 applications. CoBank approved our recipients. Once the cost-share is received from CoBank I will present the organizations with their grants.

**USD303**: They need to install lighting in all 8 of their severe storm shelters in both the elementary and Jr. / Sr. High Schools.

**Jetmore Fire Dept**: They serve the western half of Hodgeman county. They need to purchase safety equipment for their firefighters.

**Lane Co Emergency Mgt**: They will be replacing older batteries in their 800 handled radios that responders carry. This will benefit EMS, Fire, Sheriffs office & Emergency Mgt.

**Western Plains USD 106 Bazine**: The grant will be used to provide basic need supplies for high poverty and high needs students in their school.

3. Working on the Annual Report. All materials have been submitted to KEC. The Annual Report will be mailed on June 10<sup>th</sup>. In the report is the mail-in ballot and each member specific voting ID & password. Online voting will be available until the start of the Annual Meeting. Mail-in ballots MUST be mailed to our election management company in the pre-addressed envelope provided in the Annual Report.

4. Farm Bureau Ag Day: Took pictures and helped Chris pass out safety books and giveaways to the kids.





- 5. Created a Understanding Demand Hub webpage on our website. Social media, and print materials are directing members here to better understand demand.
  - https://www.lanescott.coop/understanding-demand-and-three-part-rates
    - New materials are attached at the bottom.
    - Heavy demand educational pieces going out in May & June, including in the KCL magazines, enewsletter and social media posts.
- 6. Put together a lot of materials this month for the Annual Meeting, How to Vote, Demand Information, New Rate Information, Board Election, Scholarship & CoBank recipients.
- 7. Annual Meeting planning

- 8. Food Drive is going on. Sacred Heart Elementary and Western Plains Ransom K-5 participated. Their items went to the Ness County Food Bank in Ransom. Dighton Elementary K-6 participated, and their items go to the Lane Co Food Bank in Dighton. Pizza Parties are scheduled to take place before school is out.
- 9. 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.

# HOW MUCH DEMAND ARE MY APPLIANCES USING?



# HOW TO CALCULATE DEMAND

Demand is measured in kilowatts (kW).

KILOWATTS IS SIMPLY: WATTS / 1,000

If an appliance uses 2,000 watts, the demand is 2 kW.

## **FURNACES**

Cost varies greatly depending on the size of home, type of electric furnace, and climate.

Electric furnaces generally use 10,000-50,000 watts, or

10-50 kW. 18 kW is the avg for a 2,400 sq ft home, with high efficiency furnace

Gas furnaces with electric blowers generally use 500-700 watts, .5-.7 kW.



## **AIR CONDITIONERS**

**CENTRAL AIR** 

3,000-3,500 watts, or 3 - 3.5 kW

## WINDOW UNIT

900-1,440 watts, or .9 - 1.44 kW *Per window unit* 

## **ELECTRIC DRYER**

1,800-5,000 watts, or 1.8 - 5 kW 3 kW is the average.



## **WASHING MACHINE**

400 - 1,400 watts, or .4 -1.4 kW

# **DISHWASHER**

1,200 - 2,400 watts, or 1.2 - 2.4 kW

# SMALL KITCHEN APPLIANCES

750-1500 watts, or .75 -1.5kW



# **ELECTRIC CAR CHARGERS**

Regular wall outlet: 2,300 watts, or 2.3 kW

Single phase wall charger: 7,000

watts, or 7 kW

Three phase wall charger: 11,000 watts, or 11 kW

#### UNDERSTANDING DEMAND AND CONSUMPTION

The difference between demand and consumption is vital to your choices in reducing your energy costs. A simple way to see the difference between demand and consumption is by considering two examples.

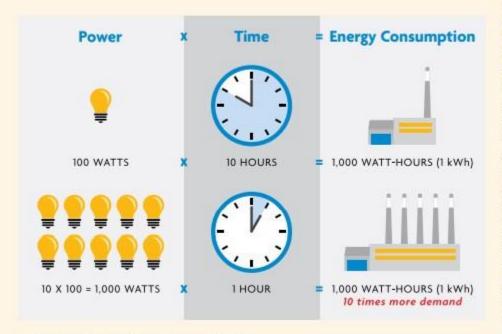
One 100-watt lightbulb burning for 10 hours consumes 1,000 watt-hours or

1 kWh. The entire time it is on, it requires or "demands" 100 watts or 0.1 kW from the utility. That means the utility must have that 0.1 kW ready whenever the customer turns the lamp on.

Similarly, 10 100-watt lightbulbs burning for 1 hour consume 1,000 watt-

hours or 1 kWh. Note that in both examples, the consumption is 1 kWh. However, look how differently the second situation impacts the utility from a demand perspective. The utility must now be prepared to provide 10 times as much capacity in response to the "demand" of the 10 lightbulbs operating all at once.

If both of these customers are billed for their consumption only, both will get the same bill for 1 kWh of energy, which is the way most residential customers are billed. But the requirement for the utility to meet this energy requirement is very different. In the second case, the utility has to have 10 times more generating capacity to provide the second customer's brief high demand for power compared to the first case.



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#### **Understanding Three-part Rates Demand Charge Energy Charge** Customer (kWh) (kW) Charge The amount of electrical A fixed cost applied to every The total amount of energy, power/demand needed at a meter. Covers the cost of measured in kilowatts per given time. Measured in 15equipment, materials, labor, hour, used within the billing minute intervals, billing the and business overhead period. highest 15-minute interval needed for each meter. during the billing period. 8.5 Total kW 3.5 kW 1.5 kW Highest 15 min Interval 1.5 kW

# How to View Demand Usage in SmartHub

Log into SmartHub through our Lane-Scott website,

www.lanescott.coop, or download the mobile app.



#### Go to USAGE - Usage Explorer

- Select the Date Range
- . Select Interval to Daily
- Usage Type: Select kWh and Demand (kW) or just Demand (kW)
- Select the meter if you have multiple meters.



**kW Reading** = yellow bar. **kWh Reading** = green bar

A new kW reading generates when the peak demand exceeds the previous peak demand during the billing period.

Demand readings are reported daily at midnight.

### April Board Meeting – Human Resources Report

- 1. Finished drafting and reviewing the job descriptions for all positions at Lane-Scott Electric.
- 2. Updated the wage and salary report with the finalized numbers that came with the new National Compensation Report in April.
- 3. Attended a Law and Regulations webinar for employers.
- 4. Organized Lineman Appreciation Day breakfast.
- 5. Helped Chris with the Annual Federated OSHA report.
- 6. Sent Cobra paperwork to employee's dependents that are aging out in the next couple months.
- 7. Completed the quarterly Suta and 941 Reports and payments.
- 8. Created Employee Survey on Survey Monkey and sent out to employees.
- 9. Composed a benefit menu to give to Richard.
- 10. Met with Richard regarding out 2024 Project Plans.
- 11. Vetted candidates for Board of Directors nominations.
- 12. Arrange details for the KEC meeting that Lane-Scott will be hosting in June.
- 13. Finalized Covid-19 Policy and sent out to employees.
- 14. Reviewed scholarship applications.
- 15. Performed exit duties for Katie Riffle. (NRECA, BCBS, IVUE, Aflac, Cobra paperwork, exit interview)
- 16. Advertise for a cashier/receptionist.
- 17. Interview candidates for cashier/receptionist.
- 18. Work up property taxes to pay.
- 19. Attended HR Summit in Wichita, KS.
- 20. Completed the end of month Labor Distribution Report.
- 21. Completed and submitted the Compliance One and No Time Lost reports.
- 22. Normal monthly duties, employee assistance, customer service, payroll, FLSA reports, payroll taxes, 401(k) distributions, Health Insurance, Group Insurance, and RS distributions.
- 23. Took over receptionist and Cashier duties. Completed daily deposits, balance EFT's, code and pay AP.

#### **April Warehouse Report**

### **Total Inventory Dollars on Hand for April:**

Line Material--\$565,862 Inventory Turns—0.479

Resale Material--\$202,015 Inventory Turns—0.910

#### **Generac Update:**

The Generac side of the business slowed a little in April. Three generators were set, and two quotes were sent out. We are currently researching mobile-link options for liquid cooled generators to send updates to those who have them. Michael will have continuing education training that will need completed in May.

#### **Electrician Update:**

April saw a little bit of an uptick in calls coming in for electrical work. Michael is still doing a great job managing the list. We are working on estimates for a couple of larger jobs, if we win them, we'll have to call Anthony (contractor) in to help. His labor costs have been figured into the estimates. LCF continues to keep us busy as well.

#### Line Material:

The line side has been busier and so far, material has continued to flow in. We've had some items hit backorder, but most have not been more than 2-4 weeks. Our replacement 34.5 switch for the one burnt up in Ness City has arrived along with some other items we've been waiting for. There will be some under ground builds coming up and orders have been placed for that equipment.