



July 28, 2022

Jeff McClanahan
Director of Utilities
Kansas Corporation Commission
1500 SW Arrowhead Rd.
Topeka, KS 66604-4027

RE: Docket No. 22-EKME-298-CPL

Dear Mr. McClanahan:

Please find enclosed the first annual compliance filing as required by Commission Order in Docket No. 21-EKME-088-GIE.

If further information is required, please contact me.

Sincerely,

Tia Alexander

Tia Alexander
Sr. Regulatory Analyst

Enc.

Cc. Brad Lutz

2020 STP Report

Project Name	Description	OpCo	Service Center	Ckt/Fuse	Upgrade In Service Date	Cost	2017 SAIDI	2018 SAIDI	2019 SAIDI	2020 SAIDI	2021 SAIDI	2017 SAIFI	2018 SAIFI	2019 SAIFI	2020 SAIFI	2021 SAIFI	2017 CAIDI	2018 CAIDI	2019 CAIDI	2020 CAIDI	2021 CAIDI	2017 YE Customer Count	2018 YE Customer Count	2019 YE Customer Count
M101071503	Replace and relocate getaways at 14LO sub.	EKC	HUTCHINSON	14LO012002, 14LO012004, 14LO012006, 14LO012008	2020-07-31	93,057	41.84	60.29	13.04	55.54	28.89	0.68	0.92	0.24	0.82	0.45	61.77	65.31	54.91	68.15	63.67	2,768	2,770	2,771
M100690625, M100690528, M100610550, M100973212	04841A_Rollup_34 5kV JAGG Sub to TONG Sub	EKC	SHAWNEE	166 012016, JAGG342420, TONG012012, TONT342606	2020-12-18	1,369,279	351.87	73.96	133.72	161.22	274.19	2.84	0.76	1.54	1.30	2.03	123.91	96.84	87.01	124.33	135.20	3,537	3,590	3,657
M100124438	17th & Fairlawn 12-6 Getaway	EKC	TOPEKA	17FL012006	2020-02-07	80,696	33.72	20.68	98.42	173.65	146.47	0.24	0.21	1.69	3.86	5.16	138.43	98.03	58.33	44.95	28.41	1,794	1,797	1,797
M100027871, M100169624, M100028008	17th-Mossman Distribution Underbuild	EKC	WICHITA METRO	17TH012016, 17TH012052, 17TH012054, 17TH012062, MOSS012002, MOSS012012	2020-06-30	3,863,922	52.23	89.78	31.24	26.90	65.23	0.67	0.82	0.31	0.32	0.79	78.40	109.96	99.65	84.02	83.04	5,787	5,805	5,843
M100380653	29th Street Sub - Phase 2	EKC	WICHITA METRO	29TH012004, ANDO012012	2020-09-24	2,008,910	25.14	14.52	58.72	5.39	73.00	0.62	0.13	0.39	0.06	0.57	40.28	116.02	152.11	94.97	127.28	1,979	2,013	2,062
M100311297, M100595761	04955A_Rollup_34 5kV 3rd Vanburen to Cargill	EKC	HUTCHINSON	3VAN343330, DAVI012004, FMON012004, SHMA004008	2020-05-19	1,004,751	40.74	30.58	15.97	34.28	29.73	0.35	0.41	0.28	0.35	0.45	116.46	74.43	58.02	97.17	66.00	2,656	2,690	2,692
M101013903	Upgrade section of 43LO 12-06, 23rd-30th along Halstead	EKC	HUTCHINSON	43LO012002, 43LO012006	2020-10-27	299,234	43.55	79.19	48.96	70.92	63.37	0.57	0.78	0.52	1.68	0.76	76.47	101.21	94.52	42.17	83.04	2,987	2,997	3,021
M100603599	LA HARPE TO HWY 59 REBUILD - 34.5 KV (SEC 2)	EKC	FORT SCOTT	ALLE034004, LAHA012002, MARM012002, MARM034002	2020-07-09	1,427,502	686.39	178.22	326.02	129.58	330.68	3.39	1.81	2.22	1.89	2.18	202.43	98.62	147.14	68.38	151.38	366	368	371
M100519226	BELL 12-02 TO UDALL 12-06 POLE RPL / RECONDUCTOR	EKC	ARKANSAS CITY	BELL012002	2020-04-09	366,800	34.80	72.65	152.85	76.46	181.16	0.30	0.42	1.87	1.19	1.47	117.72	174.27	81.57	64.44	123.26	1,353	1,360	1,372

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M100847059	Wichita Padmount_Cluster 1	EKC	WICHITA METRO	W007F00121, W007F03789, W007F05479, W007F06361, W007F06615, W007F08643, W007F19853, W007F70312, W007F77875, W007F97471, W012F00995, W012F05201, W012F05259, W012F08855, W012F09757, W012F19916, W012F77937, W012F78904, W012F86774	2020-05-13	93,948	43.48	170.29	51.56	36.73	40.74	0.29	1.32	0.35	0.55	0.37	150.38	128.76	147.63	66.43	110.30	1,380	1,380	1,380
M101040331, M101024839, M100893531	079319_Rollup_Burton 12 14 and 12 02 circuits 12	EKC	HUTCHINSON	BURR012014, BUHL002004, WHAR012012, WHAR012004	2020-05-19	436,099	171.52	273.82	2,369.10	181.92	177.25	5.50	2.86	22.39	1.93	1.26	31.16	95.88	105.79	94.42	140.54	103	104	104
M100065755, M100559580	Distribution easement acquisition for Santa Fe and Ridgeview, Olathe	EKC	SHAWNEE	HEAR012002, TIML012034	2020-09-11	786,422	99.80	102.71	74.26	94.60	23.70	0.48	0.61	0.83	0.98	0.28	209.48	169.24	89.48	96.16	83.65	2,015	2,025	2,029
M100275912	Distribution Underbuild - Neodesha to Brooks	EKC	INDEPENDENCE	ALTO012002	2020-07-21	446,143	121.91	445.71	215.57	57.58	62.61	1.35	1.90	0.79	0.55	0.80	90.48	234.70	273.09	104.64	78.36	524	525	527
M100311060	Upgrade 34.5 kV feeder along 6th Ave	EKC	HUTCHINSON	CIT034025, FMON012002	2020-12-10	748,818	6.25	112.16	5.97	48.38	22.21	0.06	1.18	0.07	0.39	0.42	97.82	95.18	84.79	124.88	53.31	266	269	270
M100431393	Upgrade 12 kV feeder along 6th Ave	EKC	HUTCHINSON	FMON012002	2020-12-10	415,286	6.25	112.16	5.97	48.38	22.21	0.06	1.18	0.07	0.39	0.42	97.82	95.18	84.79	124.88	53.31	266	269	270
M100091997	Vaughn 34-4545 Replacement of Broken or Aged Equipment (34KV)	EKC	EMPORIA	HAMI012012, VAUG344545, VIRG012012	2020-01-14	235,552	205.64	57.69	624.86	766.81	127.24	2.81	0.53	5.44	5.07	0.79	73.13	108.98	114.96	151.25	161.95	85	85	85
M100129102, M100109048	MNVL 34-2071 and CLAY 34-2102 - Replacement of Broken or Aged Equipment	EKC	ABILENE	CLAY342102, MNVL012001, WPIC034000	2020-10-01	456,873	98.20	27.55	298.39	370.48	56.73	1.34	0.25	2.60	2.45	0.35	73.13	108.98	114.96	151.25	161.95	178	178	178
M100284015	3rd mile, McLouth to Oskie 34.5 pole replacements	EKC	ATCHISON	OSKA012000, TONT342605	2020-12-17	143,350	19.24	372.53	127.03	97.06	766.34	0.20	3.11	1.90	0.52	4.18	98.41	119.87	67.03	186.62	183.20	1,166	1,187	1,191

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M100592914, M100121514, M100557458, M100748156, M100140832, M100325913	04708A_Rollup_ESTR to WAVE 34 5kV Rebuild	EKC	EMPORIA	6GOL012022, BETO007010, BETO012012, ESTR012052, ESTR344560, LEBO012012, LEBO012014	2020-07-09	6,478,784	62.25	201.77	61.19	20.14	107.92	0.65	1.54	0.40	0.31	0.81	95.29	130.74	153.88	65.42	132.55	4,854	4,874	4,891
M100714694, M100557491, M100136795, M100748500	04708B_Rollup_ESTR to WAVE 12kV Rebuild	EKC	EMPORIA	ESTR012052, LEBO012012, LEBO012014	2020-07-06	822,724	360.67	2,338.30	818.68	246.11	1,372.26	4.99	17.23	5.44	4.17	9.43	72.33	135.73	150.61	59.08	145.54	297	303	303
M100186820, M100186791, M100186853, M100186874	048126_Rollup_34kV Morris Co to Strong City Conductor	EKC	EMPORIA	COUN012012, COUN012014, MORR344530, MORR344540, STRO012014	2020-10-15	3,267,989	31.71	115.00	220.00	82.56	69.02	0.39	0.90	0.86	0.64	0.72	81.81	127.71	257.14	128.01	96.10	1,450	1,457	1,461
M100190802, M100187166, M100759468	048128_Rollup_34kV West Emporia to Hatcher Steel	EKC	EMPORIA	WEMP012022, WEMP012024, WEMP344485	2020-10-26	967,828	30.84	13.82	147.32	36.42	158.60	0.32	0.16	1.01	0.43	1.38	95.96	87.23	145.68	84.95	114.55	2,822	2,827	2,834
M100358023, M100325099, M100607712	048131_Rollup_34kV McClouth to Oskaloosa Pole Replacement	EKC	TOPEKA	TONT342605, OSKA012000	2020-03-10	519,922	19.24	372.53	127.03	97.06	766.34	0.20	3.11	1.90	0.52	4.18	98.41	119.87	67.03	186.62	183.20	1,166	1,187	1,191
M100187182	MP WEMP to HATC - RR Xing (12kV)	EKC	EMPORIA	WEMP012022	2020-10-12	499,535	21.18	13.65	68.68	47.79	180.03	0.19	0.15	0.71	0.58	1.53	111.73	91.17	97.04	82.30	118.02	1,783	1,783	1,786
M100828133, M101055926, M101052159	049162_Rollup_320000 Highway 4 REBUILD	EKC	MANHATTAN	MCDO342748, ALVI012012, ALVI012001	2020-09-30	758,229	42.15	44.64	107.15	124.58	366.74	0.57	0.54	0.63	1.36	2.95	73.68	81.93	170.68	91.36	124.40	666	668	669
M100924491, M101256448, M100924508	049164_Rollup_K 9 Phase 7 Frankfurt 34kV Replacement	EKC	MARYSVILLE	FKFT012002, KNOB342670	2020-11-17	1,090,345	375.47	13.46	187.67	33.86	96.21	1.90	0.27	1.74	0.92	1.36	197.72	49.72	108.10	36.72	70.64	297	303	303
M100948634, M100948599, M100974994, M100928055, M100975938, M100972845	WJC Sub to JC Main Rebuild	EKC	MANHATTAN	FTJU012002, FTJU012004, JUNC012001, JUNC342370, JUNC343170, WJC 012032, WJC 012034	2020-11-14	802,529	21.23	18.27	42.36	27.44	76.44	0.45	0.27	0.78	0.31	0.86	47.05	66.64	54.65	87.87	88.67	3,931	3,936	3,941
M100601439	CLAY342089 rebuild with underbuild	EKC	ABILENE	WAKE012001, CLAY342089	2020-09-09	103,938	29.96	71.95	146.53	252.16	100.64	1.67	0.51	0.95	1.78	0.11	17.93	140.25	154.99	141.77	893.55	346	347	348
M100725150, M100981546, M100981282	Matters Corner rebuild	EKC	MANHATTAN	MATT342500, MATT342410, RAND012000	2020-04-02	448,510	72.88	32.64	63.61	10.91	115.32	1.78	0.40	1.14	0.15	0.41	40.90	82.44	55.90	71.38	278.24	628	639	646

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M100129155, M100136115	Tampa to Lost Springs	EKC	ABILENE	DURH012000, LSPR012000, HILL342140	2020-07-22	746,092	331.77	66.55	265.12	68.19	115.17	2.75	0.93	2.19	0.49	0.46	120.46	71.44	120.94	140.23	250.68	830	834	838
M101015172, M100806910, M100914474, M100589782	Vaughn rebuild	EKC	EMPORIA	CASS012014, VAUG344555, VAUG344545, VAUG012026, ESTR344495, OLPE012016, VAUG344515, OLPE012014	2020-08-21	1,109,378	261.14	113.02	178.11	184.14	80.97	1.94	1.02	1.44	1.79	1.16	134.38	111.01	124.07	102.63	69.76	1,041	1,047	1,054
M101135369, M101135315	SOAL342525 rebuild with underbuild	EKC	MANHATTAN	SOAL342525, HUND012001	2020-10-23	143,032	8.81	4.33	11.00	6.84	3.88	0.07	0.08	0.13	0.07	0.05	132.22	55.33	86.50	102.87	82.79	345	345	346
M101003834, M101120935, M101067230	Tescott 34.5 North New Build	EKC	SALINA	SALM341900, SALM341360, 2PRE012001	2020-12-08	643,648	32.50	14.90	28.22	46.87	31.16	0.26	0.16	0.26	1.95	0.08	125.09	91.72	106.62	24.01	368.77	866	868	869
M100955398, M100959847, M100594879, M100972593	Knob Hill rebuild	EKC	MARYSVILLE	POEX012001, KNOB342690, HKMR012000	2020-12-29	326,176	204.85	26.77	57.41	68.85	33.65	1.64	0.32	0.59	0.30	0.31	125.15	84.30	96.75	228.30	108.20	694	699	701
M100187213	Conway Load Cntr/Sub (34kV)	EKC	HUTCHINSON	WMCP341330, CONY012012, CONY012014, INMA012004, INMA012002	2020-10-14	133,780	7.49	21.21	31.98	48.03	24.90	0.12	0.11	0.17	0.40	0.30	61.42	201.23	189.96	121.56	81.79	886	892	897
M100810408, M100187247	Conway Load Cntr FUSE Coordination (12kV)	EKC	HUTCHINSON	CONY012000, LAND012014, CONY012012, CONY012014, WMCP341330	2020-10-16	1,881,238	6.91	121.53	191.55	63.85	119.32	0.09	2.31	1.41	0.56	0.86	80.38	52.72	135.80	114.19	139.47	93	95	95
M100844050, M101042416, M100763718	Riverside Sub & Distribution	EKC	WICHITA METRO	MASCO12006, RIVE012012, RIVE012016	2020-05-19	398,147	24.56	107.00	65.33	21.42	112.59	0.26	1.54	1.04	0.38	1.70	94.36	69.48	62.68	56.80	66.04	5,088	5,103	5,109
M100471387, M100510243	Cottonwood Falls Load Center/Getaway	EKC	EMPORIA	COTT012014, COTT012016, WEMP344490	2020-08-28	1,665,268	53.46	99.27	598.10	138.45	396.11	0.51	0.51	2.24	1.22	4.32	104.51	192.99	267.38	113.43	91.74	866	869	874
M100251532	Newton 12-06 Rebuild	EKC	NEWTON	NEWT012002, NEWT012006	2020-06-05	1,155,052	37.71	344.70	27.43	72.83	17.75	1.04	3.86	0.36	1.13	0.19	36.10	89.24	76.01	64.32	91.18	1,280	1,283	1,286
M100638172	3800 S Oliver/Job to install duct bank from vault north to ACFL property line.	EKC	WICHITA METRO	TS740631	2020-03-06	477,297	0.00	0.00	0.00	0.00	748.00	0.00	0.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	187.00	1	1	1

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M100623750, M100574090	34 kV and 12 kV Rebuild K-40 & I-70 OH & UG	EKC	MANHATTAN	JUNC342370, NCF 342385, WJC 012032	2020-12-29	877,687	83.03	13.12	36.82	18.97	5.06	0.85	0.46	0.61	0.27	0.06	97.82	28.38	60.01	71.13	90.41	119	119	119
M100125571, M100150027	ESU/Merchant Street project	EKC	EMPORIA	30PR012024, ESTR012036, K99 012014	2020-09-23	2,188,312	167.79	86.99	45.91	19.90	135.11	1.72	0.90	0.90	0.31	1.34	97.65	96.90	50.83	63.21	101.03	2,200	2,251	2,279
M100441094	Stratford Underground Rebuild - Install Primary, Padmounts, Sec Peds	EKC	LAWRENCE	K007J43160	2020-10-19	516,424	0.00	61.58	272.83	186.45	464.53	0.00	1.08	1.62	1.40	3.00	0.00	56.85	168.76	133.18	154.84	60	60	60
M100672736	CIRCUIT TIE AT PITTSBURG AIRPORT-DEPAUL 12-2/12-4	EKC	PITTSBURG	FROT012026	2020-08-20	566,228	37.79	42.30	93.37	132.07	66.43	0.51	0.38	1.31	1.76	0.20	73.94	111.85	71.19	74.97	329.20	270	275	276
M100896354	SW Lawrence - New Circuit - Split 12-16	EKC	LAWRENCE	SWLA012016, SWLA012032	2020-11-30	1,018,652	428.79	142.57	162.50	45.81	51.43	1.93	1.23	0.64	0.52	0.40	222.09	115.71	254.27	88.30	127.64	1,934	1,978	2,017
M100013360	Lebo streetscape project - READ 12-14	EKC	EMPORIA	READ012014	2020-09-24	548,126	86.78	142.71	138.36	85.71	10.98	1.90	1.79	0.86	0.90	0.12	45.76	79.81	160.34	95.59	93.97	684	689	693
M100462498	Mt. Vernon and Broadway	EKC	WICHITA METRO	CANA012014, CANA012028	2020-02-07	1,029,408	30.06	285.70	111.66	84.53	122.33	0.32	2.40	1.29	0.69	1.24	92.92	118.81	86.24	122.23	98.26	4,661	4,667	4,671
M100728125, M100627982	Thornton St 34.5	EKC	LEAVENWORTH	SPRU012022, THOR012014, THOR012016, THOR342402, THOR342403	2020-04-03	542,743	149.38	173.55	87.91	120.82	243.67	1.17	2.31	1.37	1.32	2.00	127.44	75.27	64.00	91.83	122.08	4,919	4,923	4,929
M100623447, M100728097	Thornton 12 kV	EKC	LEAVENWORTH	SPRU012022, THOR012016	2020-04-08	226,479	166.48	238.73	81.59	159.61	304.98	1.18	3.19	1.08	1.71	2.26	141.41	74.75	75.75	93.35	134.78	3,419	3,421	3,424
M100643202, M100828574, M101278699, M100717626, M101230685	099104_SW 10th Ave Topeka	EKC	TOPEKA	17FL012006, INDI012004	2020-12-16	2,107,548	110.29	58.37	31.00	13.85	94.81	1.13	0.60	0.61	0.22	0.94	97.65	96.90	50.83	63.21	101.03	3,347	3,355	3,375
M100642913, M100275478	11555A_Franklin to Frontenac Underbuild	EKC	PITTSBURG	FROT012026	2020-02-06	552,637	37.79	42.30	93.37	132.07	66.43	0.51	0.38	1.31	1.76	0.20	73.94	111.85	71.19	74.97	329.20	270	275	276
M100011274, M100011298	34/12KV SUB TO LDCNTR CONVERT (SESK-12KV)	EKC	TOPEKA	KEEN342900, SESK012001	2020-09-14	986,600	47.66	45.62	365.29	114.70	973.70	1.06	0.34	2.95	1.90	4.36	44.89	132.53	123.97	60.34	223.52	520	520	524
M100179679	Golden Plain Substation	EKC	NEWTON	GATZ012002, HESS012002	2020-06-22	521,925	157.81	77.49	95.47	39.44	237.78	1.26	1.38	0.80	0.33	2.94	125.45	56.29	119.45	120.42	80.75	1,578	1,590	1,604
M100676816, M100560083	MAIZE SUBSTATION 2ND BAY_2-CIRCUITS	EKC	WICHITA METRO	MAIZ012002, MAIZ012004, MAIZ012012, MAIZ012014	2020-06-10	1,484,509	9.84	19.24	37.52	28.99	85.72	0.07	0.41	0.35	0.12	0.47	138.53	47.17	108.51	247.73	181.23	5,685	6,169	6,437
M100970611, M100967192, M100957440	070308_12kV East Eureka 12 22 add Mid Span	EKC	EMPORIA	EEUR012022	2020-08-14	212,300	622.59	96.11	300.81	178.13	21.01	1.20	1.54	0.57	1.56	0.24	517.28	62.24	523.48	114.52	86.70	614	621	623

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2020 STP Report

Project Name	Description	OpCo	Service Center	Ckt/Fuse	Upgrade In Service Date	Cost	2017 SAIDI	2018 SAIDI	2019 SAIDI	2020 SAIDI	2021 SAIDI	2017 SAIFI	2018 SAIFI	2019 SAIFI	2020 SAIFI	2021 SAIFI	2017 CAIDI	2018 CAIDI	2019 CAIDI	2020 CAIDI	2021 CAIDI	2017 YE Customer Count	2018 YE Customer Count	2019 YE Customer Count
M100612504, M100777204, M100612377	04829B_East Eureka to Toronto 12kV Cir Rebuild	EKC	EMPORIA	EEUR012026	2020-02-25	382,358	368.16	128.97	216.74	114.83	102.95	2.37	1.25	3.65	0.97	1.32	155.32	102.96	59.32	118.63	78.19	1,072	1,081	1,089
M100349811	CONVERT 19.9KV TO 7.2KV FED FROM LAHA SUB	EKC	HUMBOLDT	F007R03426, F020F00041, F020F00043, F020F00045, F020F91735	2020-04-07	102,889	3,183.46	560.00	1,059.09	294.49	316.08	18.68	6.02	6.53	6.72	7.44	170.38	93.06	162.28	43.83	42.50	57	57	57
M101033740	Road move Eales Rd between Kent and Wilson	EKC	NEWTON	N007F72968	2020-06-18	76,119	195.00	319.56	1,178.78	577.33	181.56	2.00	3.33	9.11	5.11	1.11	97.50	95.87	129.38	112.96	163.40	9	9	9
M101027804, M100892910, M101008380, M101027893	300 S Sycamore/Remove OH from Texas south on Sycamore to the end of the line.	EKC	WICHITA METRO	W012J47982, W012F09360, W012J48722, W012F16359	2020-02-21	187,796	18.36	58.20	3.80	21.93	41.84	0.31	0.70	0.07	0.51	0.93	59.00	83.59	51.30	42.90	45.00	135	135	135
M100326294	Villas at Ridgeview Falls - Olathe 3 Phase UG Extension, 8-padmout transformer stations.	EKC	SHAWNEE	O012F25552, O012F83267	2020-01-28	87,811	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	0.00	0.00	372	372	372
M100610676	JAGG to TONG 34kV Rebuild (TONT 34-2606) Phase 6 - 12kV	EKC	SHAWNEE	O012F81382, O007F17618	2020-12-17	96,068	210.86	70.71	98.86	131.25	92.00	2.14	1.07	1.25	1.36	1.00	98.40	66.00	79.09	96.71	92.00	28	28	28
M101114978	Tescott 34.5 North Rebuild; K-106 Hwy and 135th Rd Bennington	EKC	SALINA	SALM341900, DELP012001, DELP012002	2020-12-08	227,075	61.75	93.37	7.66	129.64	157.62	1.57	0.78	0.08	0.78	2.07	39.24	119.29	91.87	166.08	76.24	359	359	360
M100908655	SMOL 12-1 Replace 2 miles of poles Smolan Rd - between Burma Rd & Fairchilds Rd	EKC	SALINA	SMOL012012	2020-07-16	157,156	322.37	80.47	200.02	47.85	118.97	1.80	1.03	2.83	0.45	0.96	179.48	78.01	70.57	105.98	124.50	726	729	731
M100462366, M100975621	079307_17FL 12 10 Rebuild Phase 1	EKC	TOPEKA	T012F11987, T012F11566	2020-08-07	262,126	279.46	485.18	37.12	70.93	55.03	2.66	4.42	1.11	1.42	1.07	105.14	109.74	33.58	49.92	51.31	76	76	76
M100950431, M101007998, M100958602	02160F_NESC Compliance Dist 12kV Underbuild	EKC	WICHITA METRO	W012G08251, W012F02427, W012F83623, W007F05561, W012F02139	2020-06-23	274,742	26.62	3.66	8.58	44.45	21.34	0.21	0.08	0.19	0.60	0.24	123.96	43.23	44.43	74.52	90.38	461	461	461

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2020 STP Report

Project Name	Description	OpCo	Service Center	Ckt/Fuse	Upgrade In Service Date	Cost	2017 SAIDI	2018 SAIDI	2019 SAIDI	2020 SAIDI	2021 SAIDI	2017 SAIFI	2018 SAIFI	2019 SAIFI	2020 SAIFI	2021 SAIFI	2017 CAIDI	2018 CAIDI	2019 CAIDI	2020 CAIDI	2021 CAIDI	2017 YE Customer Count	2018 YE Customer Count	2019 YE Customer Count
M100458660	UG Rebuild Zone 2 Cluster 3	EKC	WICHITA METRO	W012G74603, W012G38055, W012F83627, W012F78944, W012F76060, W012F19878, W012F06093, W012F05087, W012F01261, W007F85529, W007F77053, W007F07107, TS017183	2020-04-08	174,351	56.23	7.05	99.91	2.12	167.87	0.29	0.13	0.99	0.03	1.84	192.20	55.66	101.41	64.25	91.20	3,452	3,452	3,452
RC_F987961TS	Lateral Improvement	EKM	JOCO	RC_F987961TS	2020-01-01	228,458	0.00	47.51	1.97	166.18	131.37	0.00	1.17	0.20	1.13	1.57	0.00	40.57	10.00	146.86	83.90	76	76	76
FS_J10638	Lateral Improvement	EKM	JOCO	FS_J10638, FS_J10639	2020-01-01	105,208	726.91	288.68	326.97	284.15	150.32	2.09	1.37	4.51	4.18	2.43	347.42	210.83	72.54	67.90	61.84	65	65	65
FS_J14127	Lateral Improvement	EKM	JOCO	FS_J14127	2020-02-12	105,043	0.00	44.06	136.19	304.44	303.38	0.00	0.98	2.35	2.81	5.04	0.00	45.00	57.85	108.24	60.17	48	48	48
M100279650	DESOTO CONVERT 4KV PH 1	EKC	LAWRENCE	RIVR012012	2020-09-01	644,080	579.17	10.78	250.85	15.42	315.10	3.25	0.17	1.96	0.25	2.40	178.33	64.69	128.28	60.88	131.45	214	216	225
M100406418	REPOLE & RESPAN 3 PH MAINLINE ON 207TH RD FROM VALLEY RD TO WILLOW RD	EKC	HUMBOLDT	ATHE012002	2020-04-02	76,604	245.43	148.97	103.81	300.27	126.92	3.20	1.02	0.65	2.53	1.46	76.80	146.23	159.63	118.56	86.74	424	428	429
Kenilworth SWGR #1 Distribution Work	Substation has a project, BND0137, to replace SWGR #1 at Kenilworth Substation. If this project is delayed or deferred out of 2020 the substation work cannot be completed and will need to be deferred as well.	EKM	JOCO	0050012011, 0050012012, 0050012013, 0050012014	2020-05-15	132,287	211.76	48.91	75.52	42.67	34.38	1.17	1.00	0.59	0.75	0.75	180.94	48.84	128.36	56.86	45.80	1,438	1,435	1,438

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2020 STP Report

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M101071503	Replace and relocate getaways at 14LO sub.	2,763	2,541	115,826	167,006	36,129	153,466	73,412	415,707	130,132	1,875	2,557	658	2,252	1,153	6,599	1,896	9,674	5,467	154	80	63.00	68.64	CR
M100690625, M100690528, M100610550, M100973212	04841A_Rollup_34 5kV JAGG Sub to TONG Sub	3,677	3,168	1,244,569	265,522	489,000	592,801	868,635	2,576,319	884,208	10,044	2,742	5,620	4,768	6,425	23,063	6,536	54,156	46,053	485	340	111.71	135.28	CIR
M100124438	17th & Fairlawn 12-6 Getaway	1,723	1,695	60,494	37,154	176,858	299,203	248,270	278,000	543,979	437	379	3,032	6,656	8,740	3,923	15,321	7,470	18,405	105	518	70.86	35.51	CR
M100027871, M100169624, M100028008	17th-Mossman Distribution Underbuild	5,859	4,578	302,227	521,189	182,553	157,629	298,605	1,099,327	362,876	3,855	4,740	1,832	1,876	3,596	11,567	4,332	26,205	14,619	276	175	95.04	83.77	CIR
M100380653	29th Street Sub - Phase 2	2,062	2,666	49,751	29,238	121,079	11,111	194,611	211,161	194,629	1,235	252	796	117	1,529	2,399	1,530	4,716	8,849	54	70	88.02	127.21	CIR
M100311297, M100595761	04955A_Rollup_34 5kV 3rd Vanburen to Cargill	2,690	2,826	108,194	82,249	42,992	92,215	84,012	287,383	122,279	929	1,105	741	949	1,273	3,346	1,651	7,084	4,667	82	63	85.89	74.06	CIR
M101013903	Upgrade section of 43LO 12-06, 23rd-30th along Halstead	3,022	2,635	130,081	237,337	147,921	214,317	166,988	703,780	192,864	1,701	2,345	1,565	5,082	2,011	10,277	2,427	15,345	9,224	224	116	68.48	79.47	CIR
M100603599	LA HARPE TO HWY 59 REBUILD - 34.5 KV (SEC 2)	371	320	251,217	65,584	120,953	48,073	105,818	448,796	142,849	1,241	665	822	703	699	3,013	1,117	10,623	5,824	71	46	148.95	127.89	CIR
M100519226	BELL 12-02 TO UDALL 12-06 POLE RPL / RECONDUCTOR	1,373	1,139	47,086	98,810	209,717	104,973	206,341	358,021	308,906	400	567	2,571	1,629	1,674	3,571	3,270	9,120	11,226	91	119	100.26	94.47	CIR

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M100847059	Wichita Padmount_Cluster 1	1,380	869	60,003	234,996	71,156	50,688	35,405	392,509	59,739	399	1,825	482	763	321	2,985	805	9,722	2,263	74	30	131.49	74.21	CIR
M101040331, M101024839, M100893531	079319_Rollup_Burton 12 14 and 12 02 circuits 12	601	957	17,667	28,477	246,386	109,334	169,631	368,413	203,082	567	297	2,329	1,158	1,207	3,832	1,726	9,081	7,750	94	66	96.14	117.66	CIR
M100065755, M100559580	Distribution easement acquisition for Santa Fe and Ridgeview, Olathe	2,033	1,899	201,096	207,990	150,677	192,322	45,004	724,115	72,974	960	1,229	1,684	2,000	538	5,673	738	16,327	3,255	128	33	127.64	98.88	CIR
M100275912	Distribution Underbuild - Neodesha to Brooks	527	383	63,879	233,998	113,607	30,346	23,978	440,458	25,350	706	997	416	290	306	2,383	332	10,329	1,050	56	14	184.83	76.36	CIR
M100311060	Upgrade 34.5 kV feeder along 6th Ave	271	228	1,663	30,172	1,611	13,112	5,064	46,558	5,064	17	317	19	105	95	458	95	984	260	10	5	101.66	53.31	CIR
M100431393	Upgrade 12 kV feeder along 6th Ave	271	228	1,663	30,172	1,611	13,112	5,064	46,558	5,064	17	317	19	105	95	458	95	984	260	10	5	101.66	53.31	CIR
M100091997	Vaughn 34-4545 Replacement of Broken or Aged Equipment (34KV)	86	70	17,479	4,904	53,113	65,946	8,907	75,496	74,853	239	45	462	436	55	746	491	2,073	2,467	20	16	101.20	152.45	CIR
M100129102, M100109048	MNVL 34-2071 and CLAY 34-2102 - Replacement of Broken or Aged Equipment	178	157	17,479	4,904	53,113	65,946	8,907	139,414	10,935	239	45	462	436	55	1,168	69	3,098	502	26	3	119.36	158.48	CR
M100284015	3rd mile, McLouth to Oskie 34.5 pole replacements	1,194	1,016	22,437	442,191	151,289	115,893	778,598	711,217	799,191	228	3,689	2,257	621	4,250	6,629	4,416	14,960	41,553	139	230	107.29	180.98	CIR

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2020 STP Report

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M100592914, M100121514, M100557458, M100748156, M100140832, M100325913	04708A_Rollup ESTR to WAVE 34 5kV Rebuild	4,899	3,955	302,174	983,451	299,291	98,651	426,819	1,644,945	465,441	3,171	7,522	1,945	1,508	3,220	13,365	4,001	38,937	18,977	316	163	123.08	116.33	CIR
M100714694, M100557491, M100136795, M100748500	04708B_Rollup ESTR to WAVE 12kV Rebuild	308	268	107,119	708,506	248,059	75,803	367,767	1,105,362	401,892	1,481	5,220	1,647	1,283	2,527	8,901	3,257	26,226	16,321	211	132	124.18	123.39	CIR
M100186820, M100186791, M100186853, M100186874	048126_Rollup_34kV Morris Co to Strong City Conductor	1,459	1,171	45,978	167,549	321,425	120,462	80,820	627,221	109,013	562	1,312	1,250	941	841	3,736	1,170	13,795	5,117	82	55	167.89	93.17	CIR
M100190802, M100187166, M100759468	048128_Rollup_34kV West Emporia to Hatcher Steel	2,832	2,590	87,036	39,078	417,516	103,131	410,784	625,484	432,061	907	448	2,866	1,214	3,586	5,156	3,865	13,648	20,631	113	185	121.31	111.79	CIR
M100358023, M100325099, M100607712	048131_Rollup_34kV McClouth to Oskaloosa Pole Replacement	1,194	1,016	22,437	442,191	151,289	115,893	778,598	616,006	894,402	228	3,689	2,257	621	4,250	6,175	4,870	16,097	31,378	161	171	99.76	183.66	CIR
M100187182	MP WEMP to HATC - RR Xing (12kV)	1,786	1,713	37,764	24,343	122,664	85,348	308,392	248,475	330,036	338	267	1,264	1,037	2,613	2,625	2,894	5,477	15,420	58	135	94.66	114.04	CIR
M100828133, M101055926, M101052159	049162_Rollup_320000 Highway 4 REBUILD	671	540	28,072	29,821	71,685	83,590	198,041	207,044	204,165	381	364	420	915	1,592	2,027	1,645	4,604	9,367	45	75	102.14	124.11	CR
M100924491, M101256448, M100924508	049164_Rollup_K 9 Phase 7 Frankfurt 34kV Replacement	308	268	111,515	4,077	56,863	10,429	25,783	182,884	25,783	564	82	526	284	365	1,456	365	3,928	1,275	31	18	125.61	70.64	CIR
M100948634, M100948599, M100974994, M100928055, M100975938, M100972845	WJC Sub to JC Main Rebuild	3,942	3,821	83,474	71,902	166,943	108,171	292,091	423,965	298,616	1,774	1,079	3,055	1,231	3,294	7,061	3,372	9,126	14,697	152	166	60.04	88.56	CIR
M100601439	CLAY342089 rebuild with underbuild	348	293	10,365	24,965	50,993	87,753	29,487	170,924	32,639	578	178	329	619	33	1,681	56	3,860	1,451	38	2	101.68	582.84	CIR
M100725150, M100981546, M100981282	Matters Corner rebuild	648	567	45,766	20,857	41,089	7,067	65,387	109,593	70,573	1,119	253	735	99	235	2,145	296	2,808	2,543	55	11	51.09	238.42	CR

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M100129155, M100136115	Tampa to Lost Springs	837	690	275,369	55,506	222,169	57,075	79,464	567,627	121,956	2,286	777	1,837	407	317	4,993	631	13,301	5,061	117	26	113.68	193.27	CIR
M101015172, M100806910, M100914474, M100589782	Vaughn rebuild	1,059	921	271,846	118,332	187,725	194,999	74,576	767,525	79,953	2,023	1,066	1,513	1,900	1,069	6,440	1,131	17,579	3,459	148	49	119.18	70.69	CIR
M101135369, M101135315	SOAL342525 rebuild with underbuild	346	299	3,041	1,494	3,806	2,366	1,159	10,654	1,212	23	27	44	23	14	116	15	233	58	3	1	91.84	80.80	CR
M101003834, M101120935, M101067230	Tescott 34.5 North New Build	869	781	28,145	12,932	24,523	40,728	24,339	105,260	25,407	225	141	230	1,696	66	2,285	73	2,228	1,301	48	4	46.07	348.04	CR
M100955398, M100959847, M100594879, M100972593	Knob Hill rebuild	703	611	142,168	18,715	40,247	48,399	20,558	249,529	20,558	1,136	222	416	212	190	1,986	190	5,206	1,091	41	10	125.64	108.20	CIR
M100187213	Conway Load Cntr/Sub (34kV)	944	877	6,633	18,916	28,684	45,341	21,837	90,759	30,652	108	94	151	373	267	686	307	1,998	1,437	15	14	132.30	99.84	CIR
M100810408, M100187247	Conway Load Cntr FUSE Coordination (12kV)	93	90	643	11,545	18,197	5,938	10,739	36,103	10,959	8	219	134	52	77	412	78	793	515	9	4	87.63	140.50	CIR
M100844050, M101042416, M100763718	Riverside Sub & Distribution	5,002	4,605	124,939	546,040	333,774	107,130	518,487	1,040,242	590,128	1,324	7,859	5,325	1,886	7,851	14,950	9,295	25,641	22,522	369	355	69.58	63.49	CIR
M100471387, M100510243	Cottonwood Falls Load Center/Getaway	875	708	46,299	86,268	522,736	121,146	280,447	751,450	305,446	443	447	1,955	1,068	3,057	3,681	3,289	17,121	13,349	84	144	204.14	92.87	CIR
M100251532	Newton 12-06 Rebuild	1,285	1,171	48,264	442,254	35,269	93,590	20,790	532,394	107,773	1,337	4,956	464	1,455	228	6,880	1,560	12,945	4,203	167	61	77.38	69.09	CIR
M100638172	3800 S Oliver/Job to install duct bank from vault north to ACFL property line.	1	1	0	0	0	0	748	0	748	0	0	0	0	4	0	4	0	26	0	0	0.00	187.00	I

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2020 STP Report

Project Name	Description	2020 YE Customer Count	2021 YE Customer Count	2017 CMI	2018 CMI	2019 CMI	2020 CMI	2021 CMI	CMI Before (2017-Rebuild)	CMI After (Rebuild-YTD)	2017 CI	2018 CI	2019 CI	2020 CI	2021 CI	CI Before (2017-Rebuild)	CI After (Rebuild-YTD)	Monthly CMI Before Rebuild	Monthly CMI After Rebuild	Monthly CI Before Rebuild	Monthly CI After Rebuild	CAIDI Before (2017-Rebuild)	CAIDI After (Rebuild-YTD)	Customer Types
M100623750, M100574090	34 kV and 12 kV Rebuild K-40 & I-70 OH & UG	120	518	9,880	1,561	4,381	2,276	2,622	18,098	2,622	101	55	73	32	29	261	29	378	139	5	2	69.34	90.41	CIR
M100125571, M100150027	ESU/Merchant Street project	2,300	2,054	369,135	195,825	104,618	45,767	277,523	694,053	298,815	3,780	2,021	2,058	724	2,747	8,271	3,059	15,511	13,566	185	139	83.91	97.68	CIR
M100441094	Stratford Underground Rebuild - Install Primary, Padmounts, Sec Peds	60	43	0	3,695	16,370	11,187	19,975	24,283	26,944	0	65	97	84	129	201	174	533	1,273	4	8	120.81	154.85	CR
M100672736	CIRCUIT TIE AT PITTSBURG AIRPORT-DEPAUL 12-2/12-4	277	223	10,204	11,632	25,769	36,583	14,814	48,145	50,857	138	104	362	488	45	609	528	1,104	2,197	14	23	79.06	96.32	CIR
M100896354	SW Lawrence - New Circuit - Split 12-16	2,024	1,757	829,276	281,995	327,757	92,719	90,368	1,518,301	103,814	3,734	2,437	1,289	1,050	708	8,427	791	32,317	5,245	179	40	180.17	131.24	CIR
M100013360	Lebo streetscape project - READ 12-14	696	599	59,357	98,326	95,883	59,651	6,578	312,778	7,017	1,297	1,232	598	624	70	3,742	79	6,985	319	84	4	83.59	88.82	CR
M100462498	Mt. Vernon and Broadway	4,675	4,229	140,127	1,333,356	521,585	395,179	517,347	2,005,263	902,331	1,508	11,223	6,048	3,233	5,265	18,935	8,342	53,881	30,529	509	282	105.90	108.17	CIR
M100728125, M100627982	Thornton St 34.5	4,916	4,445	734,810	854,388	433,311	593,966	1,083,093	2,076,252	1,623,316	5,766	11,351	6,771	6,468	8,872	24,203	15,025	53,159	58,572	620	542	85.78	108.04	CIR
M100623447, M100728097	Thornton 12 kV	3,411	3,169	569,182	816,703	279,367	544,427	966,487	1,699,749	1,476,417	4,025	10,926	3,688	5,832	7,171	18,841	12,801	43,337	53,589	480	465	90.22	115.34	CIR
M100643202, M100828574, M101278699, M100717626, M101230685	099104_SW 10th Ave Topeka	3,305	2,927	369,135	195,825	104,618	45,767	277,523	711,353	281,515	3,780	2,021	2,058	724	2,747	8,543	2,787	14,974	14,612	180	145	83.27	101.01	CR
M100642913, M100275478	11555A_Franklin to Frontenac Underbuild	277	223	10,204	11,632	25,769	36,583	14,814	48,145	50,857	138	104	362	488	45	609	528	1,295	1,719	16	18	79.06	96.32	CIR
M100011274, M100011298	34/12KV SUB TO LDCNTR CONVERT (SESK-12KV)	525	421	24,782	23,722	191,412	60,218	409,927	285,293	424,768	552	179	1,544	998	1,834	3,117	1,990	6,418	19,028	70	89	91.53	213.45	CR
M100179679	Golden Plain Substation	1,615	1,411	249,018	123,215	153,137	63,701	335,503	540,958	383,616	1,985	2,189	1,282	529	4,155	5,591	4,549	12,976	15,293	134	181	96.76	84.33	CIR
M100676816, M100560083	MAIZE SUBSTATION 2ND BAY_2-CIRCUITS	6,314	5,421	55,967	118,687	241,536	183,074	464,681	442,201	621,744	404	2,516	2,226	739	2,564	5,372	3,077	10,709	24,402	130	121	82.32	202.06	CIR
M100970611, M100967192, M100957440	070308_12kV East Eureka 12 22 add Mid Span	623	524	382,273	59,685	187,407	110,974	11,011	739,432	11,918	739	959	358	969	127	3,018	134	17,026	511	69	6	245.01	88.94	CIR

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2020 STP Report

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M100612504, M100777204, M100612377	04829B_East Eureka to Toronto 12kV Cir Rebuild	1,093	837	394,668	139,414	236,033	125,509	86,168	776,026	205,766	2,541	1,354	3,979	1,058	1,102	7,925	2,109	20,525	7,104	210	73	97.92	97.57	CIR		
M100349811	CONVERT 19.9KV TO 7.2KV FED FROM LAHA SUB	57	48	181,457	31,920	60,368	16,786	15,172	280,632	25,071	1,065	343	372	383	357	2,039	481	7,161	909	52	17	137.63	52.12	CIR		
M101033740	Road move Eales Rd between Kent and Wilson	9	9	1,755	2,876	10,609	5,196	1,634	18,186	3,884	18	30	82	46	10	149	37	438	154	4	1	122.05	104.97	CR		
M101027804, M100892910, M101008380, M101027893	300 S Sycamore/Remove OH from Texas south on Sycamore to the end of the line.	135	57	2,478	7,857	513	2,960	2,385	13,736	2,457	42	94	10	69	53	214	54	365	84	6	2	64.19	45.50	CIR		
M100326294	Villas at Ridgeview Falls - Olathe 3 Phase UG Extension, 8-padmount transformer stations.	372	372	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	CR
M100610676	JAGG to TONG 34kV Rebuild (TONT 34-2606) Phase 6 - 12kV	28	21	5,904	1,980	2,768	3,675	1,932	11,743	4,516	60	30	35	38	21	146	38	247	235	3	2	80.43	118.84	CR		
M101114978	Tescott 34.5 North Rebuild; K-106 Hwy and 135th Rd Bennington	360	267	22,168	33,520	2,756	46,669	42,085	58,823	88,375	565	281	30	281	552	882	827	1,245	4,525	19	42	66.69	106.86	CR		
M100908655	SMOL 12-1 Replace 2 miles of poles Smolan Rd - between Burma Rd & Fairchilds Rd	731	653	234,037	58,665	146,211	34,975	77,686	461,934	89,640	1,304	752	2,072	330	624	4,320	762	10,875	3,690	102	31	106.93	117.64	CIR		
M100462366, M100975621	079307_17FL 12 10 Rebuild Phase 1	76	69	21,239	36,874	2,821	5,391	3,797	65,014	5,108	202	336	84	108	74	704	100	1,505	217	16	4	92.35	51.08	CR		
M100950431, M101007998, M100958602	02160F_NESC Compliance Dist 12kV Underbuild	461	288	12,272	1,686	3,954	20,493	6,146	17,974	26,577	99	39	89	275	68	228	342	431	1,061	5	14	78.83	77.71	CIR		

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M100458660	UG Rebuild Zone 2 Cluster 3	3,452	2,003	194,117	24,324	344,904	7,324	336,246	564,310	342,605	1,010	437	3,401	114	3,687	4,860	3,789	14,388	12,435	124	138	116.11	90.42	CR
RC_F987961TS	Lateral Improvement	76	76	0	3,611	150	12,630	9,984	3,761	22,614	0	89	15	86	119	104	205	104	735	3	7	36.16	110.31	R
FS_J10638	Lateral Improvement	65	65	47,249	18,764	21,253	18,470	9,771	87,266	28,241	136	89	293	272	158	518	430	2,424	918	14	14	168.47	65.68	R
FS_J14127	Lateral Improvement	48	48	0	2,115	6,537	14,613	14,562	8,652	29,175	0	47	113	135	242	160	377	231	993	4	13	54.08	77.39	R
M100279650	DESOTO CONVERT 4KV PH 1	225	607	123,942	2,329	56,442	3,470	191,266	186,183	191,266	695	36	440	57	1,455	1,228	1,455	4,229	8,407	28	64	151.61	131.45	CR
M100406418	REPOLE & RESPAN 3 PH MAINLINE ON 207TH RD FROM VALLEY RD TO WILLOW RD	430	326	104,063	63,758	44,536	129,116	41,377	214,950	167,900	1,355	436	279	1,089	477	2,100	1,536	5,508	6,051	54	55	102.36	109.31	CIR
Kenilworth SWGR #1 Distribution Work	Substation has a project, BND0137, to replace SWGR #1 at Kenilworth Substation. If this project is delayed or deferred out of 2020 the substation work cannot be completed and will need to be deferred as well.	1,434	1,432	304,516	70,187	108,594	61,186	49,234	496,266	97,452	1,683	1,437	846	1,076	1,075	4,124	1,993	12,272	3,701	102	76	120.34	48.90	CR

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2021 STP Report

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M100951913	Gypsum Tap 34kV Rebuild (34kV)	EKC	SALINA	GYP012001, GYP012002, GYP012003, SALM342000	2021-06-16	1,386,106	87.36	251.90	23.20	205.74	33.24	0.90	1.53	0.36	1.46	0.32	97.10	164.17	64.04	141.02	102.80	608	610	610
M101113329, M101104631	SOUTH - 34.5 KV REBUILD PROJECT - SALINA	EKC	SALINA	SGAT012022, SMOK342040	2021-12-01	157,664	12.78	69.52	20.24	58.31	5.46	0.15	1.37	0.20	0.47	0.10	87.52	50.62	99.04	124.49	53.80	2,575	2,588	2,588
M102122055, M100188471	048126 34kV Morris Co to Strong City Conductor	EKC	EMPORIA	MORR344530, MORR344540, COUN012014	2021-11-05	320,779	201.79	60.12	152.74	21.20	209.01	1.10	0.42	0.95	0.24	1.73	183.68	143.27	161.13	86.71	120.82	558	560	557
M100419679, M100582718, M100582854, M100582817, M100582887, M101795913	048131 34kV McClouth to Oskaloosa PoleReplacement	EKC	ATCHISON	TONT342605, OSKA012000	2021-10-04	1,754,855	372.53	127.03	97.06	766.34	39.06	3.11	1.90	0.52	4.18	0.85	119.87	67.03	186.62	183.20	46.18	1,187	1,191	1,194
M100874374	Toronto Rural 34kV Rebuild	EKC	EMPORIA	EUR012026, EUR344588, QNCY012002, TORO007010	2021-10-19	1,194,329	127.25	220.77	119.45	100.57	255.10	1.23	3.39	1.03	1.26	0.95	103.57	65.03	116.43	79.56	268.17	1,216	1,226	1,231
M101248870, M101147206	049162 320000 Highway 4 - REBUILD	EKC	MANHATTAN	MCDO342748, ALVI012012, LWAB012000	2021-08-26	237,112	42.99	155.88	223.28	438.81	88.30	0.47	1.08	2.36	3.36	0.74	91.28	145.00	94.63	130.59	119.96	1,034	1,039	1,043
M102216629, M101036670	049167 KDOT Hwy 99 & Hereford Project-Wamego	EKC	MANHATTAN	SOAL342525, ALMA004000, ALMA012000, ALMA012001	2021-05-13	1,878,474	110.92	15.55	2.87	2.14	9.23	1.15	0.18	0.03	0.03	0.14	96.28	84.08	83.00	61.70	66.95	342	346	347
M101013862, M100311381	Install 34.5 kV Feeder - Window to HTIC	EKC	HUTCHINSON	WHEA341425, HTIC004000, WIND012000	2021-08-17	1,332,598	112.84	110.14	189.27	66.66	59.26	0.88	1.21	1.95	0.67	0.81	128.29	91.24	96.93	99.21	73.51	166	169	169
M100886878	Fall River Tap 34kV Rebuild (Load Center 12.47kV Side)	EKC	EMPORIA	FRLC012002, FALL012014	2021-07-12	378,357	327.10	140.03	24.11	31.65	14.00	2.86	1.19	0.95	0.30	0.09	114.27	118.09	25.51	103.89	150.04	436	436	437
M100914951, M101264530, M100914968	059132 Galva 7.5MVA Load Center	EKC	SALINA	GALV012001, GALV012002, GALV012012, GALV012014	2021-07-08	950,786	27.29	399.94	117.55	166.91	303.82	0.20	3.91	1.04	1.36	3.82	139.10	102.42	112.56	122.65	79.48	158	158	158
M101616398, M102239167, M101114241, M101894166, M102049815	060400 12kv Rebuild Schwans Plant Expansion	EKC	SALINA	MENT012014, PHLP012012	2021-02-10	1,654,624	158.92	201.93	23.94	105.73	5.90	2.01	1.97	0.91	1.18	0.07	79.21	102.58	26.19	89.87	89.70	158	159	163

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2021 STP Report

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M101013954, M100647755, M101241243	070300 Sher/Mad & 2nd & Elm Voltage Conversion	EKC	HUTCHINSON	H012F03500, H007F11141, H012F95011, H007F11120, H007F19076, H012F51513, H012F51514, H007F11143, H012F13815	2021-07-23	655,485	5.48	69.44	4.36	21.19	0.00	0.09	0.87	0.04	0.34	0.00	63.36	80.15	100.95	62.34	0.00	509	509	509
M101092023, M101203186	070303 12kV-Prairie Meadows-Replace Underground	EKC	LAWRENCE	K007F24277, K007F24276	2021-01-28	1,244,875	581.95	223.05	224.93	161.65	2.31	2.30	1.60	2.34	1.40	0.01	252.92	139.25	96.21	115.23	421.00	216	216	216
M101168557, M101150049, M101171249, M101175585, M101157438, M101174563, M101342384	070308 12kV-East Eureka 12-22 add Mid-Span	EKC	EMPORIA	EEUR012022	2021-08-19	595,059	96.11	300.81	178.13	21.01	67.87	1.54	0.57	1.56	0.24	0.89	62.24	523.48	114.52	86.70	76.63	621	623	623
M100932870	Corning to 80th Road Rebuild	EKC	MARYSVILLE	G0FF012004	2021-01-05	542,305	6.50	354.52	26.90	46.82	75.81	0.09	3.59	0.37	0.89	0.64	76.09	98.68	73.48	52.49	117.91	667	670	672
M100987903, M101005499, M101006432, M101006415, M100987876, M100987922, M100987939	070402 Forbes 4kV to 12kV cutover	EKC	TOPEKA	FORB012002, FORB012004, FORB012006, FORB012022, FORB012024, FORB012026	2021-06-28	1,054,645	39.99	31.68	304.91	208.51	183.97	0.36	0.34	1.13	2.15	1.04	110.93	92.28	269.59	96.97	177.71	1,301	1,305	1,305
M101132934	101 Woodland-Lansing: (20) BO ATT pole replacements	EKC	LEAVENWORTH	L007D15786	2021-06-17	79,411	58.35	111.27	13.52	0.00	2.45	0.78	1.01	0.14	0.00	0.02	74.40	110.55	98.52	0.00	146.00	153	153	153

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M101185864	UG Padmounts Cluster 1	EKC	WICHITA METRO	W007F09985, W007F03185, W012F09653, W012S01888, W007F08861, W007F06777, W012F06585, W012F19884, W012F06049, W012F01215, W012F19888, W007F02629, W007F04637, W012F12245, W007F14979, W012F17312, W012F12982, W007F15135, W007F20842, W012F75718, W012F71937, W007F72143, W007F74283, W012F71849, W012F75295, W007F04861, W007F77046, W012F71837,	2021-03-23	109,728	7.97	93.84	96.89	83.35	12.60	0.11	0.94	0.86	0.99	0.27	70.40	100.22	112.12	83.85	45.93	3,534	3,534	3,534

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M101185888	UG Padmounts Cluster 2	EKC	WICHITA METRO	W012F04401, W012F76299, W007F30768, W007F78361, W012F19871, W012F37061, W012F07839, W012F07929, W012F36514, W012F84549, W012S89124, W007F00847, W007F04475, W007F15050, W007F70358, W007F70475, W007F75205, W012F00861, W012F71833, W012F71835, W012F79349, W012F89111, W012F89135, W007F20800, W007F36024, W012F00023	2021-11-19	111,975	1.53	76.79	11.53	76.50	27.06	0.02	0.55	0.13	0.83	0.22	61.95	140.37	88.26	92.71	123.43	3,084	3,084	3,084

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M101185900	UG Padmounts Cluster 3	EKC	WICHITA METRO	W007F00379, W007F06045, W012S01826, W012F08157, W012F91913, W007F08839, W007F78291, W012F07411, W007F09343, W007F76410, W012F76403, W007F06289, W012F01271, W007F00941, W007F00553, W007F20967, W007F76418, W012F06901, W012F17284	2021-10-07	99,657	51.65	66.97	40.82	16.88	12.98	0.40	0.85	0.50	0.12	0.19	129.32	78.63	82.10	138.58	69.18	1,625	1,625	1,625
M101185910	UG Padmounts Cluster 4	EKC	WICHITA METRO	W007F02411, W007F03547, W007F09003, W007F09235, W007F20904, W012F08641, W007F75744, W012F00209, W012F72098, W012F72099, W012F75962, W007F15106, W012F06293, W012F00335, W007F09893, W007F08593, W012F01045, W012F08607, W012F05683	2021-06-04	190,104	35.45	63.46	52.35	120.09	52.05	0.27	0.50	0.50	0.61	0.55	132.13	127.59	104.96	196.35	93.98	2,065	2,065	2,065

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2021 STP Report

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M101185920	UG Padmounts Cluster 5	EKC	WICHITA METRO	W007F15066, W012S01556, W007F04813, W007F08709, W007F09313, W012F03577, W007F76397, W012F76404, W007F02775, W012F72060, W012F75234, W012F75237, W012F76300, W012F09499, W007F02937, W007F09815, W012F06873, W012F06939, W012F19942, W012F21245, W012F07461, W012F08469, W012F14691	2021-06-04	133,619	38.01	39.77	53.06	55.92	7.30	0.96	0.24	0.31	0.49	0.32	39.79	167.76	169.39	113.48	22.88	2,953	2,953	2,953
M101193641	UG Padmounts Cluster 6-SEC PEDS	EKC	WICHITA METRO	SUNS012002	2021-08-24	105,766	20.82	308.30	250.73	38.62	19.57	0.20	2.23	3.16	0.36	0.13	102.08	138.51	79.39	106.26	153.92	1,471	1,488	1,492

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M100491566	UG Rebuilds Zone 2 Cluster 1	EKC	WICHITA METRO	W007F02290, W007F03863, W007F05481, W007F05947, W007F07555, W007F09063, W007F09937, W007F15125, W007F20855, W012F00299, W012F00781, W012F01319, W012F03849, W012F04933, W012F05313, W012F05435, W012F05529, W012F08889, W012F09083, W012F09135, W012F09519, W012F14674, W012F17299, W012F36181, W012F94301, W012S01616, WEBS012004	2021-09-09	292,805	63.68	34.24	13.33	66.38	12.36	0.56	0.38	0.37	0.72	0.29	113.35	90.11	35.74	92.81	42.36	1,271	1,271	1,271
M100682269	UG Rebuilds Zone 2 Cluster 15	EKC	WICHITA METRO	W007F02447, W007F05907, W012G09209, W012G96173, W012F08711, W012F70273, W012F07945, W012F07983	2021-09-09	75,596	48.10	203.95	14.21	69.71	15.55	0.56	1.28	0.17	0.27	0.26	85.78	159.28	81.25	258.34	60.63	3,854	3,854	3,854

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M100682334	UG Rebuilds Zone 2 Cluster 18	EKC	WICHITA METRO	W012F05493, W012F09255, W007F75699, W012F09331, W007F83468, W012F00463, W012F06793, W012F07939, W012F09374, W012F70267	2021-08-11	90,785	41.41	29.38	162.29	107.97	1.24	0.67	0.16	1.36	0.52	0.01	61.62	186.19	119.35	207.63	128.22	1,223	1,223	1,223
M100458641	UG Rebuilds 2017 Zone 2 Cluster 2	EKC	WICHITA METRO	CS01002, W012G07063, W012F36177, W012G38578, W012S01862, W007F05045, W012F05935, W012F01576, W007F09019, W012F03917, W007F04479, W007F04481, W012F95890, W012F01299, W007F04633, W007F72131, W012F03663, W012F20356, W007F09221, W007F09115, W012F01219, W012F01299, W012F73629	2021-09-02	176,250	40.48	45.83	11.60	125.48	10.31	0.59	0.33	0.10	1.01	0.03	68.43	140.36	118.61	124.17	302.22	4,612	4,612	4,612
M100458679	UG Rebuilds Zone 2 Cluster 4	EKC	WICHITA METRO	W007F09933, W007F76378, W012F77856, W007F36076, CS04830, W012F00857	2021-08-11	94,623	91.06	25.89	0.00	58.38	2.02	0.55	0.20	0.00	0.54	0.02	165.34	127.64	0.00	107.39	103.50	848	848	848

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M100458724	UG Rebuilds Zone 2 Cluster 5	EKC	WICHITA METRO	W007F89558, W012G86751, W007F72125, W007F70721, W007F78391, W012F79148, W007F79143, W007F93376, W012F77514	2021-08-11	112,334	15.92	0.89	3.56	66.86	1.00	0.31	0.01	0.01	0.61	0.01	51.71	98.33	441.88	108.95	90.50	994	994	994
M100458756	UG Rebuilds Zone 2 Cluster 6	EKC	WICHITA METRO	W012F00765 W012F01023, W012G08993, W007F87122, W012F85381	2021-08-11	164,585	30.08	27.90	17.67	88.48	72.12	0.21	0.21	0.09	0.83	0.38	145.69	135.72	192.63	106.91	189.89	2,170	2,170	2,170
M100529065	UG Rebuilds Zone 2 Cluster 7	EKC	WICHITA METRO	W007F04315, W007F04985, W007F06627, W007F08909, W007F09847, W007F36183, W012D05821, W012F00429, W012F02889, W012F03211, W012F03363, W012F05209, W012F05443, W012F08385, W012F08989, W012F09271, W012F09427, W012F36036	2021-09-09	212,146	52.78	55.29	32.56	102.22	26.57	0.47	0.53	0.24	0.46	0.54	112.82	104.33	137.04	224.30	49.51	3,127	3,127	3,127
M100279728	DESOTO CONVERT 4KV PH 2	EKC	SHAWNEE	95WA012014, RIVR012012	2021-06-29	620,792	38.21	76.45	24.92	189.18	20.15	0.46	0.76	0.24	1.35	0.23	82.27	100.89	105.07	140.07	86.44	1,548	1,643	1,699
M102175384, M100519555	079303 Newton - Build 2 Mile tie	EKC	NEWTON	ADAM012004, NEWT012002	2021-10-14	765,974	189.82	20.37	102.01	10.79	6.46	2.04	0.24	0.95	0.12	0.11	92.83	83.81	107.70	93.55	56.28	2,567	2,576	2,574
M101013112, M101016128	079307 17FL 12-10 Rebuild Phase 1	EKC	TOPEKA	17FL012010	2021-04-20	258,931	12.88	83.36	49.27	41.36	25.96	0.13	0.84	0.52	0.28	0.24	95.88	99.71	94.42	148.34	107.56	2,211	2,214	2,219
M100904354, M100896548	079319 Burton 12-14 and 12-02 circuits	EKC	NEWTON	WHAR012004, BURR012014	2021-04-28	2,137,491	273.82	443.66	227.78	184.81	117.07	2.86	4.45	2.41	1.25	1.09	95.88	99.71	94.42	148.34	107.56	104	416	480

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M101975868	Shawnee Division Cable Testing - MOON and TIML substations	EKC	SHAWNEE	MOON012014, MOON012016, MOON012018, MOON012022, MOON012024, MOON012026, MOON012032, MOON012036, MOON343260, TIML012014, TIML012016, TIML012022, TIML012024, TIML012032, TIML012034, TIML012036, TIML342470	2021-12-08	1,141,242	66.59	41.37	34.57	63.71	54.18	0.59	0.53	0.40	0.54	0.43	112.52	77.62	87.31	117.48	124.73	17,834	18,182	18,230
M101172871, M101181419, M101172858, M101181409, M101268535, M101871732, M101270164	400105 34.5kV Rebuild in Blue Rapids	EKC	MARYSVILLE	BLRA012001, BLRA012002, BLRA342610, BLRA342700	2021-07-09	1,189,881	18.10	344.61	54.08	129.38	373.65	0.25	1.66	1.03	1.15	1.59	71.40	207.13	52.33	112.81	235.22	801	803	807
M101457270, M101409863	401100 Rplc 39 34.5 poles btwn WMCP Lindsborg	EKC	SALINA	WMCP341340, LIND012000	2021-08-23	319,008	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	0.00	0.00	2	2	2
M101111304	34.5 rebuild 60 poles between Coronado & Langley near Marquette	EKC	SALINA	MARQ012001, MARQ012002, LIND012000, CORO342235	2021-08-19	220,906	10.91	39.60	43.59	111.69	24.17	0.08	0.36	0.39	1.27	0.18	129.76	110.50	112.19	87.61	131.24	452	452	453
M101334437	East Abilene getaways (12kV)	EKC	ABILENE	EABIO12001, EABIO12002, EABIO12022, EABIO12024	2021-12-22	486,503	111.51	38.60	10.38	128.55	64.23	1.21	0.58	0.16	1.29	0.96	92.06	66.86	65.99	99.77	66.66	1,794	1,800	1,806
M100934505	Matt 12-2 rebuild 34kv	EKC	MANHATTAN	MATTO12002	2021-03-17	383,070	35.51	57.77	139.63	174.16	206.45	1.17	0.50	1.47	1.81	1.60	30.45	115.70	95.13	96.01	128.74	1,401	1,410	1,413
M100885605	RIVE 12014 _ H-STRUCTURE ACROSS RIVER	EKC	WICHITA METRO	RIVE012014, RIVE012006	2021-12-14	508,317	240.90	584.79	17.14	188.38	87.90	2.12	5.38	0.21	1.51	2.20	113.42	108.77	83.03	124.84	39.96	993	993	993
M101015220	Belle to Udall Phase II	EKC	ARKANSAS CITY	BELL012002	2021-06-22	567,587	72.65	152.85	76.46	181.16	127.69	0.42	1.87	1.19	1.47	1.21	174.27	81.57	64.44	123.26	105.83	1,360	1,372	1,373
M101285074	12kV - Scranton 12-1 - Reconductor One Mile	EKC	TOPEKA	SCRA012001	2021-04-29	196,825	291.27	175.70	55.91	136.94	26.55	1.71	1.22	0.18	0.63	0.90	170.54	143.98	318.13	217.91	29.64	404	404	404

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M101160084	Beech 12-6 Underground Rebuild	EKC	WICHITA METRO	BEEC012006	2021-11-22	1,733,975	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	0.00	0.00	1	1	1
M101167348	West Junction City 12-36 New Getaway	EKC	MANHATTAN	WJC 012036, WJC 012004, WJC 012006, JUNC343170	2021-09-30	241,538	9.18	15.89	26.65	43.15	3.83	0.57	0.25	0.42	0.52	0.09	16.10	63.38	64.11	82.70	43.94	2,699	2,705	2,709
M101206555	Mahanna Substation Switch Replacement - reconfigure 12kv underbuild	EKC	NEWTON	MAHA012002, MAHA012004	2021-08-24	145,558	56.75	73.42	147.65	209.88	61.66	0.52	0.79	1.27	1.43	0.21	110.04	93.18	116.20	147.22	297.75	1,617	1,627	1,633
M101027266	Elk City 23-6 Circuit Rebuild	EKC	INDEPENDENCE	ELKC023006	2021-09-08	1,334,540	44.16	381.85	269.55	5.06	22.81	1.04	2.96	0.98	0.05	1.04	42.27	128.80	274.41	108.75	22.03	112	113	113
M101245698, M101245711, M101399186	700273 Blue Rapids Upgrade 2PH to 3PH	EKC	MARYSVILLE	BLRA012002	2021-06-22	261,434	14.24	328.98	39.63	176.54	374.88	0.19	1.41	1.03	1.18	1.50	74.74	233.62	38.48	150.04	250.34	462	463	467
M101179524	KDOT K-14/ 96HWY move around Nickerson	EKC	HUTCHINSON	COND012002	2021-03-04	463,021	71.29	26.34	93.29	110.04	15.51	0.55	0.31	1.28	1.37	0.16	129.14	83.86	73.16	80.39	94.46	846	847	847
M101365155	KDOT 6th street bridge project- 12kv	EKC	MANHATTAN	JUNC012006	2021-12-09	245,504	116.75	15.84	58.69	56.98	178.64	2.11	0.40	0.83	0.52	1.80	55.24	39.78	70.72	109.21	99.12	1,428	1,429	1,428
M100277699	Halstead to West Harvey	EKC	NEWTON	WHAR012002, WHAR012004, WHAR012012, WHAR012014, BURR002000, BURR012000, BURR012002, BURR012012, BURR012014, BURR012016, HALS012002, HALS012004, HALS012006, HALS012008	2021-10-07	2,489,361	66.45	262.98	98.07	152.18	67.27	0.72	2.31	1.28	1.21	0.72	91.95	113.61	76.41	125.45	92.90	3,956	3,970	3,988
M100277357, M100975757, M100976684	02610A Ark City - Paris 69kV Rebuild	EKC	ARKANSAS CITY	PARI012002	2021-11-26	640,671	111.71	202.94	168.24	70.88	45.55	0.92	1.92	1.12	0.87	0.32	121.49	105.60	150.55	81.38	141.22	6,553	6,631	6,620
M101082775, M101102622	02614G/I Cheyenne and King Fisher 34kV New Line	EKC	ATCHISON	KING342781, KING342774, CHEY343478, PLAT004000, SO10012024, HORT012000	2021-06-07	747,660	40.53	211.29	80.15	104.75	46.37	0.50	0.98	0.28	2.40	0.61	80.85	214.96	287.11	43.57	75.50	1,165	1,170	1,175

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M100952174	Gypsum Tap 34kV Rebuild (12kV)	EKC	SALINA	GYP012001	2021-06-16	233,645	68.11	171.61	33.17	435.28	97.90	0.29	1.30	0.64	2.54	0.64	238.38	131.75	51.50	171.70	152.89	119	119	118
M101835408, M100608395	04708A ESTR to WAVE 34.5kV Rebuild	EKC	EMPORIA	ESTR012034, ESTR012052, ESTR344560, WAVE012014, BETO012012, BETO012016, BETO007010, LEBO012012, LEBO012014	2021-11-18	908,583	253.73	82.87	33.46	130.61	146.53	1.82	0.61	0.44	0.97	1.11	139.70	136.60	76.57	135.19	132.10	3,919	3,943	3,948
M100948869	Allen to La Harpe Rebuild - 34kV (Phase 1)	EKC	HUMBOLDT	LAHA012002	2021-05-10	1,014,800	34.69	239.23	197.30	186.46	207.04	0.36	1.82	4.47	3.36	1.56	97.56	131.14	44.17	55.49	132.72	90	91	90
M100603617	LA HARPE TO HWY 59 REBUILD - 12.47 KV (SEC 2)	EKC	FORT SCOTT	LAHA012002, MARM012002	2021-12-22	236,830	148.38	294.79	92.61	419.71	156.79	1.33	2.25	2.01	2.62	1.24	111.82	131.16	45.97	160.25	126.75	208	210	209
M100373904, M100335411, M100373962, M100335507	04835A/B Rebuild COLI 34-3100	EKC	TOPEKA	T007F72170, T007F93074, 54MR012004, COLI343100	2021-10-06	1,348,415	35.12	9.42	42.91	62.70	0.93	0.17	0.16	3.30	0.48	0.02	201.29	60.34	13.00	130.29	61.00	298	301	300
M101235099	Upgrade 34.5 kV/12kV feeders. Inman to HEC (Phase 6)	EKC	HUTCHINSON	43LO012006, HEC 341200	2021-10-01	555,863	72.59	57.22	72.22	62.09	67.91	0.62	0.53	1.96	0.68	1.39	116.25	108.24	36.85	91.20	48.97	2,218	2,236	2,244
M100598358, M100690608, M100526103, M100598463, M100690589	04841A/B JAGG to TONG 34kV rebuild- TONT 34-2606	EKC	LAWRENCE	TONT342606, TONG012012, 166 012016	2021-06-02	1,592,533	73.96	133.72	161.22	274.19	36.51	0.76	1.54	1.30	2.03	0.34	96.84	87.01	124.33	135.20	106.62	3,590	3,657	3,677
M100668925, M101073368, M101176278, M100886974, M101073496	04956A/B Fall River Tap 34kV Rebuild	EKC	EMPORIA	FALL012003, FALL012012, FALL012014, EEUR344588, FRLC012002, FRLC012004	2021-11-15	5,411,013	1,483.58	126.01	137.96	258.32	22.61	4.21	1.08	1.48	1.15	0.13	352.62	116.22	92.92	223.72	172.64	685	688	689
M100778527, M100788385, M100788409, M101336368, M100778627, M100788484, M100788501	04959A/B NCF/Old 40 Hwy Rebuild 12kV	EKC	MANHATTAN	NCF 342385, WJC 012032, WJC 012006	2021-11-16	1,327,167	4.59	7.83	8.78	60.57	10.59	0.10	0.14	0.08	0.90	0.16	45.07	57.05	110.54	66.95	64.91	953	955	957

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M100839215, M100842723	04960A Abiline 34.5KV - Pole Replacement	EKC	ABILENE	1BRA012001, ADSO012002, WAB012014	2021-12-14	565,309	158.92	235.44	18.47	61.82	77.52	1.59	2.00	0.26	0.36	1.62	99.91	117.77	72.08	172.19	47.78	1,204	1,208	1,210
M100875359	Toronto Rural 12kV Rebuild	EKC	EMPORIA	TOR0007010	2021-11-24	275,869	98.14	176.10	120.70	99.02	1,129.92	0.77	0.73	1.48	1.05	2.88	127.88	240.40	81.40	94.58	392.50	86	86	87
M101013983	Install 34.5 kV Feeder - Windom to HTIC (Phase 1) (12 kV)	EKC	HUTCHINSON	WIND012002	2021-05-17	274,692	115.62	112.81	190.64	66.53	59.09	0.90	1.24	1.97	0.66	0.80	128.29	91.24	96.78	100.19	74.01	162	165	165
M101197976	Install New 34.5 1800kVAR CAP Bank; Clay Center	EKC	ABILENE	CLAY342102, CLAY012000, CCCW012000	2021-05-19	104,653	147.50	0.00	133.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	147.50	0.00	133.00	0.00	0.00	2	2	2
M101561557, M102143073, M101556516, M101615171	8th Ave 34.5kV rebuild	EKC	HUTCHINSON	WMCP341330, CONY012000, CONY012012, CONY012014, INMA012002, INMA012004	2021-12-10	154,898	31.57	47.71	44.88	24.90	21.91	0.32	0.29	0.37	0.30	1.13	97.32	167.06	121.31	81.79	19.43	965	970	1,019
M101124339, M101127360	Cassoday 34.5kV 2 mile rebuild	EKC	EMPORIA	TEET012012	2021-09-07	865,743	364.84	181.53	56.63	19.81	95.20	1.74	1.26	0.32	0.13	0.27	210.06	143.71	179.33	158.50	357.00	19	19	19
M101213125, M100280616	Hawk Rd Rebuild	EKC	ABILENE	AEC 342030, 1518012002, EAB012022, EAB012001	2021-07-23	498,325	100.22	36.85	48.60	150.58	91.36	1.21	0.50	0.32	1.77	1.46	82.95	74.05	149.90	85.01	62.65	1,047	1,053	1,058
M101456694, M101135297, M101117466	Heartland Logistics Park	EKC	SHAWNEE	O007F98654, O007F98595	2021-11-04	187,190	12.75	0.00	55.63	0.00	0.00	0.38	0.00	0.75	0.00	0.00	34.00	0.00	74.17	0.00	0.00	8	8	8
M101263036, M101073255	Industry Rebuild 3 Miles of 34kV/7.2kV	EKC	ABILENE	M007F21741, S007F29950, S034G17011	2021-09-23	936,989	75.00	131.00	536.50	97.50	0.00	1.00	1.00	2.25	3.00	0.00	75.00	131.00	238.44	32.50	0.00	4	4	4
M101173554	INSTALL PHASE SPACERS. RE-SAG 34KV CONDUCTOR KEEN342900	EKC	TOPEKA	KEEN342900, LWAB012000	2021-03-31	177,803	39.98	243.99	402.73	565.58	5.67	0.34	1.88	4.22	4.08	0.04	118.98	129.52	95.55	138.46	145.42	366	370	372
M101479075, M101512259	MORRIS COUNTY 34-4530	EKC	EMPORIA	MORR344530, COUN012012, COUN012014, COUN012022, STRO012014, COTT012000, COTT012014, COTT012016	2021-05-25	76,382	85.46	227.32	76.65	149.38	83.70	0.60	0.93	0.64	1.54	0.70	141.81	245.64	119.76	97.04	118.92	3,259	3,272	3,267

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Project Name	Description	OpCo	Service Center	Ckt/Fuse	Upgrade In Service Date	Cost	2018 SAIDI	2019 SAIDI	2020 SAIDI	2021 SAIDI	2022 YTD SAIDI	2018 SAIFI	2019 SAIFI	2020 SAIFI	2021 SAIFI	2022 YTD SAIFI	2018 CAIDI	2019 CAIDI	2020 CAIDI	2021 CAIDI	2022 YTD CAIDI	2018 YE Customer Count	2019 YE Customer Count	2020 YE Customer Count
M101253007	34kV Removal from 13MAD to 6GOL	EKC	TOPEKA	13MD012002, 6GOL012002, 6GOL012003, 6GOL012004, 6GOL012022, 6GOL012024, 6GOL012026	2021-10-27	118,528	152.29	23.01	79.43	47.98	26.39	1.45	0.26	1.09	0.56	0.21	105.10	87.30	72.94	85.38	124.66	4,828	4,833	4,836
M100828395	34kV Removal from 2MAD to 13MAD	EKC	TOPEKA	2MAD012042, 2MAD012044, 2MAD012046, 2MAD013005, 2MAD013006, 2MAD013007, 2MAD013008, 2MAD013111, 13MD012002, 4VAN012035, DIVL012001, DIVL012002, DIVL012003	2021-10-27	153,975	73.67	102.49	133.27	11.24	12.12	0.53	0.70	1.39	0.17	0.07	140.23	146.16	95.90	66.66	176.52	2,149	2,152	2,153
M101252743	34kV Removal from DEER to GVIL	EKC	TOPEKA	DEER012001, DEER012002, DEER340320, DEER340330, GVIL012002, GVIL012004	2021-12-28	525,494	41.74	108.43	151.83	32.12	70.94	0.51	1.11	1.39	0.28	0.44	81.78	98.09	109.39	115.01	162.14	1,687	1,689	1,688
M101309075, M101252695	34kV Removal from SOLC to INDP	EKC	TOPEKA	SOLC012001, SOLC012002, INDP012001, INDP012002, NTYL012026, NORL012005, NTYL012022, INDA012002	2021-11-16	365,224	144.91	63.35	189.62	31.08	88.82	1.34	0.87	1.56	0.61	1.48	107.90	72.53	121.25	50.65	59.82	3,580	3,594	3,600

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M100825018	34kV Removal from WWSS to 2MAD	EKC	TOPEKA	WWSS340355, WWSS340356, WWSS340359, 2MAD012042, 2MAD012044, 2MAD012046, 2MAD013005, 2MAD013006, 2MAD013007, 2MAD013008, 2MAD013111, 4VAN012035, DIVL012001, DIVL012002, DIVL012003	2021-12-28	281,224	73.67	102.49	133.27	11.24	12.12	0.53	0.70	1.39	0.17	0.07	140.23	146.16	95.90	66.66	176.52	2,149	2,152	2,153
M101743133	Remove GOAB T34G00319 & Install 34kV Recloser on COLI	EKC	TOPEKA	COLI012001, COLI012002, COLI343100	2021-11-29	116,821	159.34	164.38	194.66	119.63	168.23	1.36	2.33	2.16	1.54	1.03	117.40	70.68	90.06	77.68	162.97	963	967	966
M101114310	Rockenham 34.5 Rebuild of ~1.8 Miles	EKC	MANHATTAN	WMLD012000, STGE012000, MATT342500	2021-06-03	462,250	13.52	267.29	82.13	138.33	14.52	0.15	2.01	0.66	1.55	0.10	90.54	133.04	124.35	88.97	147.37	2,043	2,091	2,106
M101462685	SOAL 34-2525 Replace 34.5 Poles Alma	EKC	MANHATTAN	SOAL342525, ALMA004000, ALMA012000, ALMA012001	2021-09-07	217,029	110.92	15.55	2.87	2.14	8.83	1.15	0.18	0.03	0.03	0.13	96.28	84.08	83.00	61.70	65.67	342	346	347
M101900968, M101120884	Tescott Junction rebuild	EKC	SALINA	SALM341900, TESC012001, TESC012002	2021-10-01	154,771	1,222.71	20.85	199.76	355.76	117.78	2.47	0.17	1.37	3.53	0.93	495.63	122.89	145.76	100.81	125.98	878	878	880
M101041612	North Tyler Substation Getaways: Phase 2	EKC	TOPEKA	NTYL012004, NTYL012005, NTYL012006, NTYL012007, NTYL012008, NTYL012012, NTYL012014, NTYL012016, NTYL012022, NTYL012024, NTYL012026	2021-02-02	547,343	32.97	92.67	35.71	29.86	44.12	0.38	1.02	0.32	0.39	0.28	87.83	90.49	111.73	76.04	156.36	3,058	3,065	7,052

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M100760067, M100726981	Smolan Sub to Ld Cntr - 7.5MVA (12kV)	EKC	SALINA	SMOL012001, SMOL012002, SMOL012012, SMOL012014	2021-10-06	973,901	77.33	196.82	46.11	148.21	73.52	0.99	2.74	0.44	1.03	0.47	78.05	71.73	105.52	143.80	155.93	760	762	762
M100939509, M101217216	GALE 12-02 TO SUNS 12-02 IMPROVE TIE - PH 2	EKC	WICHITA METRO	GALE012002, SUNS012002	2021-11-23	2,247,811	76.36	295.82	229.77	153.78	24.21	0.68	2.39	2.59	1.22	0.53	111.64	123.73	88.59	126.20	45.90	2,351	2,370	2,377
M100915765	Seneca Sub 12-4 & 12-6 Getaways	EKC	WICHITA METRO	SENE012002, SENE012004, SENE012006, SENE012012, SENE012014, SENE012016	2021-11-18	334,704	45.53	34.74	34.87	53.89	30.12	0.36	0.30	0.41	0.36	0.26	128.10	117.56	84.12	150.24	113.81	6,220	6,226	6,220
M101185795	Toronto Sub Rebuild--LOAD CENTER 0442	EKC	EMPORIA	TORO007010, TORO012012, TORO012014	2021-05-26	104,471	159.91	50.84	113.57	37.46	870.44	1.11	0.32	0.94	0.31	1.44	144.67	160.41	121.04	121.75	605.21	465	467	470
M100803466	Bee Creek Sub Double Circuit Lines	EKC	INDEPENDENCE	BECR012012, BECR012014, THEA012004	2021-03-29	1,638,720	182.99	18.67	140.23	43.78	1.46	2.10	0.29	2.36	0.56	0.03	87.14	64.01	59.47	78.29	42.75	860	864	863
M100872002, M101262127	11705A Mentor Sub Getaways Station Power	EKC	SALINA	MENT012004, MENT012012, MENT012014, MENT012016, SMOK012001, SMOK342040, SMOK012006, SMOK012002, SMOK012005, SMOK341350, SMOK012004, SMOK012003	2021-05-27	619,528	66.44	37.26	23.58	60.39	15.22	0.98	0.72	0.29	0.75	0.18	67.79	51.74	81.01	80.83	86.58	4,119	4,135	4,137
M101188957	Rainbow Substation - 12kV Get-Aways	EKC	ARKANSAS CITY	A012D05394	2021-08-06	89,096	72.41	126.92	44.52	203.68	13.55	0.56	1.34	0.60	2.86	0.10	130.22	94.61	74.80	71.25	134.71	205	205	205
M101552363	17TH 12-14 / 17TH 12-16 PARTIAL REBUILD	EKC	WICHITA METRO	W007F02387, W007F03673, W012F02386, W012F02723, W012G01349, TS000775	2021-09-27	352,241	94.21	120.08	22.09	158.40	204.57	1.40	0.80	0.22	1.29	2.22	67.49	150.98	100.65	123.17	92.05	811	811	811
M100607899	Convert Santa Fe Shops from 69kv to 12kv (BNSF)	EKC	TOPEKA	SAFE004000, SAFE004012, 6GOL012022	2021-08-18	1,044,195	107.47	26.38	8.18	31.97	31.16	1.02	0.14	0.09	0.39	0.20	105.11	192.51	95.88	82.52	156.63	1,686	1,686	1,688

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M100948543	Fall River Tap 34kV Rebuild (Load Center 34.5kV side)	EKC	EMPORIA	FALL012003, FALL012012, FALL012014, EEUR344588, FRLC012002, FRLC012004	2021-08-02	75,901	1,483.58	126.01	137.96	258.32	22.61	4.21	1.08	1.48	1.15	0.13	352.62	116.22	92.92	223.72	172.64	685	688	689
M101242865, M101244835	45013A SKEL 12-08 Getays move to PCC 2	EKC	EL DORADO	SKEL012002, SKEL012006, SKEL012008, SKEL012010, SKEL012020	2021-09-08	95,604	110.68	181.26	26.37	87.33	49.88	0.92	0.66	0.27	1.06	1.12	120.75	274.55	96.61	82.75	44.39	2,828	2,834	2,832
M101234364	45017A Midland Substation Add 12kV PCC	EKC	WICHITA METRO	MIDL012002, MIDL012006, MIDL012004, MIDL012012, MIDL012016	2021-11-10	236,601	102.97	99.48	41.23	17.44	194.47	0.66	2.28	0.58	0.10	1.15	155.20	43.54	71.62	177.11	169.30	2,104	2,111	2,116
M101185787	Bendena to Troy Rural K-7 Hwy add conductor.	EKC	ATCHISON	C007F13577, C012F28862	2021-10-04	113,730	261.67	574.00	102.00	0.00	0.00	2.67	4.00	1.00	0.00	0.00	98.13	143.50	102.00	0.00	0.00	3	3	3
M100523954	2nd & Madison-Division & Lake 34KV Removal	EKC	TOPEKA	2MAD013111, 2MAD012042, 2MAD013005, 2MAD012046, 2MAD013006, 2MAD013007, 2MAD013008, 4VAN012035, DIVL012001, DIVL012002, DIVL012003	2021-05-11	124,909	73.67	102.49	133.27	11.24	12.12	0.53	0.70	1.39	0.17	0.07	140.23	146.16	95.90	66.66	176.52	2,149	2,152	2,153
M101120693	Phase 1 SW 12th OH/UG Rebuild	EKC	TOPEKA	12CL012023, 12CL012024	2021-02-22	738,568	134.30	30.95	12.88	31.80	119.81	1.89	0.29	0.25	0.40	0.75	70.89	105.93	51.94	80.49	160.56	994	996	996
F2120609	Lateral Improvement	EKM	JOCO	FS_F2120609	2021-06-08	81,892	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	0.00	0.00	0	0	0
F960742	Lateral Improvement	EKM	Ottawa	FS_F960742	2021-12-19	64,945	541.00	510.00	108.00	227.00	212.00	5.00	12.00	1.00	2.00	3.00	108.20	42.50	108.00	113.50	70.67	6	6	6
J1390	Lateral Improvement	EKM	Paola	FS_J1390	2021-12-19	1,033,698	170.85	171.66	5.90	241.10	0.87	1.30	1.92	0.05	2.71	0.02	131.30	89.61	112.92	88.81	54.00	249	249	249
F963162	Lateral Improvement	EKM	Paola	FS_F963162	2021-12-07	390,278	130.67	62.23	1.30	446.33	393.37	0.93	1.03	0.03	2.97	4.83	140.00	60.23	39.00	150.45	81.39	30	30	30
F960890	Lateral Improvement	EKM	Ottawa	FS_F960890	2021-12-07	316,980	2.71	538.15	207.69	197.34	332.88	0.01	4.05	1.51	1.06	3.01	380.00	132.88	137.16	185.42	110.43	140	140	140
F964455	Lateral Improvement	EKM	Paola	FS_F964455	2021-12-20	349,533	15.72	1.76	35.24	290.28	67.56	0.15	0.02	0.07	1.02	1.20	106.13	95.00	475.75	285.00	56.30	54	54	54
College/Lenexa Dist Interconnection	Install 5139 feet of OH double circuit along Ridgeview Road to accommodate general load growth	EKM	JOCO	0090012032, 0090012022, 9032, 9022	2021-06-22	3,927,823	18.36	29.71	13.94	54.26	11.72	0.20	0.74	0.12	0.56	0.33	89.72	40.15	111.72	97.64	35.40	1,505	1,530	1,587

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12kV New Circuit to Lackman Circuit	Build new circuit from Lackman to development to provide capacity and infrastructure for new development.	EKM	Southland	0114012021, 0114012022, 0082012022, 11421, 11422, 8222	2021-12-14	2,334,843	82.59	47.25	32.28	58.29	6.80	1.01	0.51	0.23	0.90	0.08	82.16	93.19	139.67	65.08	85.52	1,909	2,142	2,250
Oak Woods 215 Lone Elm	New proposed subdivision in Spring Hill, KS. Convert 0.5 miles of single-phase to three-phase, circuit 13213, from Columbia Road to Lone Elm Road. Conductor size is minimum 477 ACSR. Also extend three-phase from transformer 1374589, 600 ft to 217th Street and add open switch. The open switch will provide second feed into the new subdivision.	EKM	Paola	0132012013, 13213	2021-05-30	414,161	69.86	13.33	24.62	13.38	0.16	1.11	0.17	0.20	0.17	0.00	63.02	77.90	124.73	78.76	103.00	930	1,087	1,211

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Project Name	Description	2021 YE Customer Count	2022 June Customer Count	2018 CMI	2019 CMI	2020 CMI	2021 CMI	2022 YTD CMI	CMI Before (2018-Rebuild)	CMI After (Rebuild-YTD)	2018 CI	2019 CI	2020 CI	2021 CI	2022 YTD CI	CI Before (2018-Rebuild)	CI After (Rebuild-YTD)	Monthly CMI Before Rebuild	Monthly CMI After Rebuild	Monthly CI Before Rebuild	Monthly CI After Rebuild	CAIDI Before (2018-Rebuild)	CAIDI After (Rebuild-YTD)	Customer Types
M100951913	Gypsum Tap 34kV Rebuild (34kV)	536	535	53115	153661	14152	110277	17784	296657	52,332	547	936	221	782	173	2289	370	5,546	3,940	43	28	129.60	141.44	CIR
M101113329, M101104631	SOUTH - 34.5 KV REBUILD PROJECT - SALINA	2,498	2,503	32,908	179,908	52,394	145,652	13,665	407,688	16,839	376	3,554	529	1,170	254	5,596	287	6,908	2,170	95	37	72.85	58.67	CR
M102122055, M100188471	048126 34kV Morris Co to Strong City Conductor	458	459	112,598	33,668	85,076	9,711	95,934	240,080	96,907	613	235	528	112	794	1,474	808	4,128	11,250	25	94	162.88	119.93	CIR
M100419679, M100582718, M100582854, M100582817, M100582887, M101795913	048131 34kV McClouth to Oskaloosa PoleReplacement	1,016	1,019	442,191	151,289	115,893	778,598	39,804	1,486,076	41,699	3,689	2,257	621	4,250	862	10,804	875	26,023	4,314	189	91	137.55	47.66	CIR
M100874374	Toronto Rural 34kV Rebuild	943	944	154,741	270,668	147,046	94,834	240,814	656,213	251,890	1,494	4,162	1,263	1,192	898	8,050	959	11,393	27,461	140	105	81.52	262.66	CIR
M101248870, M101147206	049162 320000 Highway 4 - REBUILD	847	845	44,455	161,960	232,885	371,673	74,615	808,688	76,900	487	1,117	2,461	2,846	622	6,886	647	14,486	7,024	123	59	117.44	118.86	CR
M102216629, M101036670	049167 KDOT Hwy 99 & Hereford Project-Wamego	288	290	37,933	5,381	996	617	2,678	44,520	3,085	394	64	12	10	40	472	48	850	214	9	3	94.32	64.27	CR
M101013862, M100311381	Install 34.5 kV Feeder - Window to HTIC	128	129	18,731	18,613	31,986	8,532	7,645	72,038	13,469	146	204	330	86	104	701	169	1,297	1,198	13	15	102.76	79.70	CIR
M100886878	Fall River Tap 34kV Rebuild (Load Center 12.47kV Side)	151	268	142,614	61,051	10,535	4,779	3,751	216,664	6,066	1,248	517	413	46	25	2,203	46	3,987	488	41	4	98.35	131.87	CIR
M100914951, M101264530, M100914968	059132 Galva 7.5MVA Load Center	133	79	4,312	63,191	18,573	22,199	24,002	86,541	45,736	31	617	165	181	302	815	481	1,596	3,642	15	38	106.19	95.09	CIR
M101616398, M102239167, M101114241, M101894166, M102049815	060400 12kv Rebuild Schwans Plant Expansion	153	152	25,109	32,107	3,902	16,177	897	61,118	17,074	317	313	149	180	10	779	190	1,239	980	16	11	78.46	89.86	CIR

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Project Name	Description	2021 YE Customer Count	2022 June Customer Count	2018 CMI	2019 CMI	2020 CMI	2021 CMI	2022 YTD CMI	CMI Before (2018-Rebuild)	CMI After (Rebuild-YTD)	2018 CI	2019 CI	2020 CI	2021 CI	2022 YTD CI	CI Before (2018-Rebuild)	CI After (Rebuild-YTD)	Monthly CMI Before Rebuild	Monthly CMI After Rebuild	Monthly CI Before Rebuild	Monthly CI After Rebuild	CAIDI Before (2018-Rebuild)	CAIDI After (Rebuild-YTD)	Customer Types
M101013954, M100647755, M101241243	070300 Sher/Mad & 2nd & Elm Voltage Conversion	509	320	2,788	35,346	2,221	10,785	0	50,429	711	44	441	22	173	0	676	4	922	59	12	0	74.60	177.75	CR
M101092023, M101203186	070303 12kV-Prairie Meadows-Replace Underground	216	182	125,702	48,179	48,585	34,916	421	222,508	35,295	497	346	505	303	1	1,354	298	4,548	1,977	28	17	164.33	118.44	CR
M101168557, M101150049, M101171249, M101175585, M101157438, M101174563, M101342384	070308 12kV-East Eureka 12-22 add Mid-Span	524	525	59,685	187,407	110,974	11,011	35,632	361,931	42,778	959	358	969	127	465	2,344	534	6,510	3,827	42	48	154.41	80.11	CIR
M100932870	Corning to 80th Road Rebuild	537	535	4,337	237,530	18,077	25,142	40,560	259,944	65,702	57	2,407	246	479	344	2,710	823	5,397	3,531	56	44	95.92	79.83	CIR
M100987903, M101005499, M101006432, M101006415, M100987876, M100987922, M100987939	070402 Forbes 4kV to 12kV cutover	1,331	1,334	52,024	41,341	397,910	277,532	245,411	584,230	429,988	469	448	1,476	2,862	1,381	3,724	2,912	10,842	33,364	69	226	156.88	147.66	CIR
M101132934	101 Woodland-Lansing: (20) BO ATT pole replacements	153	119	8,928	17,025	2,069	0	292	28,022	292	120	154	21	0	2	295	2	524	22	6	0	94.99	146.00	CR

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2021 STP Report

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M101185864	UG Padmounts Cluster 1	3,534	2,198	28,160	331,641	342,423	294,548	27,695	771,452	253,015	400	3,309	3,054	3,513	603	7,253	3,626	15,217	15,738	143	226	106.36	69.78	CIR

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M101185888	UG Padmounts Cluster 2	3,084	1,861	4,708	236,806	35,569	235,937	50,358	513,020	50,358	76	1,687	403	2,545	408	4,711	408	8,752	6,176	80	50	108.90	123.43	CR

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M101185900	UG Padmounts Cluster 3	1,625	869	83,928	108,819	66,338	27,438	11,276	285,591	12,208	649	1,384	808	198	163	3,026	176	4,992	1,276	53	18	94.38	69.36	CR
M101185910	UG Padmounts Cluster 4	2,065	1,401	73,200	131,036	108,108	247,993	72,926	479,554	153,709	554	1,027	1,030	1,263	776	3,662	988	9,032	11,239	69	72	130.95	155.58	CR

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M101185920	UG Padmounts Cluster 5	2,953	1,896	112,247	117,433	156,682	165,118	13,843	397,560	167,763	2,821	700	925	1,455	605	4,528	1,978	7,488	12,266	85	145	87.80	84.81	CIR
M101193641	UG Padmounts Cluster 6-SEC PEDS	1,208	1,211	30,625	458,754	374,086	46,647	23,703	900,236	33,579	300	3,312	4,712	439	154	8,593	324	16,145	3,049	154	29	104.76	103.64	CIR

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M100491566	UG Rebuilds Zone 2 Cluster 1	1,271	833	80,933	43,524	16,940	84,366	10,293	216,346	19,710	714	483	474	909	243	2,503	320	3,844	1,879	44	31	86.43	61.59	CIR
M100682269	UG Rebuilds Zone 2 Cluster 15	3,854	2,640	185,380	786,037	54,762	268,674	41,048	1,273,808	62,093	2,161	4,935	674	1,040	677	8,695	792	22,631	5,921	154	76	146.50	78.40	CR

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M100682334	UG Rebuilds Zone 2 Cluster 18	1,223	934	50,648	35,934	198,479	132,050	1,154	287,535	130,730	822	193	1,663	636	9	2,719	604	5,197	11,426	49	53	105.75	216.44	CR
M100458641	UG Rebuilds 2017 Zone 2 Cluster 2	4,612	2,962	186,681	211,376	53,494	578,736	30,524	662,161	398,650	2,728	1,506	451	4,661	101	6,378	3,069	11,813	37,195	114	286	103.82	129.90	CR
M100458679	UG Rebuilds Zone 2 Cluster 4	848	513	77,216	21,954	0	49,507	1,035	99,170	50,542	467	172	0	461	10	639	471	1,792	4,418	12	41	155.20	107.31	CR

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M100458724	UG Rebuilds Zone 2 Cluster 5	994	543	15,824	885	3,535	66,457	543	20,501	66,743	306	9	8	610	6	345	594	371	5,834	6	52	59.42	112.36	CR
M100458756	UG Rebuilds Zone 2 Cluster 6	2,170	1,406	65,268	60,533	38,334	192,012	101,403	175,642	281,908	448	446	199	1,796	534	1,194	2,229	3,174	24,640	22	195	147.10	126.47	CIR
M100529065	UG Rebuilds Zone 2 Cluster 7	3,127	2,191	165,053	172,883	101,820	319,633	58,224	732,900	84,713	1,463	1,657	743	1,425	1,176	5,069	1,395	13,021	8,077	90	133	144.58	60.73	CIR
M100279728	DESOTO CONVERT 4KV PH 2	1,760	1,763	59,155	125,612	42,342	332,948	35,525	239,810	355,772	719	1,245	403	2,377	411	2,507	2,648	4,448	27,676	46	206	95.66	134.35	CIR
M102175384, M100519555	079303 Newton - Build 2 Mile tie	2,115	2,117	487,261	52,465	262,563	22,825	13,676	824,860	13,930	5,249	626	2,438	244	243	8,553	247	14,361	1,492	149	26	96.44	56.40	CIR
M101013112, M101016128	079307 17FL 12-10 Rebuild Phase 1	2,145	2,142	28,477	184,564	109,334	88,708	55,609	324,529	142,163	297	1,851	1,158	598	517	3,325	1,096	6,287	9,380	64	72	97.60	129.71	CR
M100904354, M100896548	079319 Burton 12-14 and 12-02 circuits	480	475	28,477	184,564	109,334	88,708	55,609	324,529	142,163	297	1,851	1,158	598	517	3,325	1,096	6,255	9,546	64	74	97.60	129.71	CIR

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M101975868	Shawnee Division Cable Testing - MOON and TIML substations	15,794	15,941	1,187,580	752,186	630,276	1,006,245	863,760	3,558,197	881,850	10,554	9,691	7,219	8,565	6,925	35,766	7,188	60,060	117,131	604	955	99.49	122.68	CIR
M101172871, M101181419, M101172858, M101181409, M101268535, M101871732, M101270164	400105 34.5kV Rebuild in Blue Rapids	674	678	14,495	276,720	43,643	87,201	253,336	419,356	256,039	203	1,336	834	773	1,077	3,116	1,107	7,731	20,441	57	88	134.58	231.29	CIR
M101457270, M101409863	401100 Rplc 39 34.5 poles btwn WMCP Lindsborg	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	W
M101111304	34.5 rebuild 60 poles between Coronado & Langley near Marquette	393	391	4,931	17,901	19,745	43,893	9,449	77,355	18,564	38	162	176	501	72	779	170	1,391	1,661	14	15	99.30	109.20	CR
M101334437	East Abilene getaways (12kV)	1,806	1,644	200,052	69,471	18,740	232,169	105,587	520,432	105,587	2,173	1,039	284	2,327	1,584	5,823	1,584	8,717	14,938	98	224	89.38	66.66	CIR
M100934505	Matt 12-2 rebuild 34kv	1,215	1,216	49,755	81,451	197,302	211,603	251,042	328,549	462,604	1,634	704	2,074	2,204	1,950	4,413	4,153	6,506	28,426	87	255	74.45	111.39	CR
M100885605	RIVE 12014 _ H-STRUCTURE ACROSS RIVER	939	941	239,211	580,698	17,021	176,893	82,717	1,013,823	82,717	2,109	5,339	205	1,417	2,070	9,070	2,070	17,056	11,282	153	282	111.78	39.96	CR
M101015220	Belle to Udall Phase II	1,139	1,143	98,810	209,717	104,973	206,341	145,945	440,353	325,433	567	2,571	1,629	1,674	1,379	4,992	2,828	8,202	24,871	93	216	88.21	115.08	CIR
M101285074	12kV - Scranton 12-1 - Reconductor One Mile	331	336	117,672	70,983	22,587	45,326	8,922	231,350	34,140	690	493	71	208	301	1,364	399	4,457	2,297	26	27	169.61	85.56	CR

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M101160084	Beech 12-6 Underground Rebuild	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	I
M101167348	West Junction City 12-36 New Getaway	1,725	1,731	24,766	42,974	72,183	74,428	6,635	180,031	40,955	1,538	678	1,126	900	151	4,066	327	3,160	4,180	71	33	44.28	125.24	CIR
M101206555	Mahanna Substation Switch Replacement - reconfigure 12kv underbuild	1,351	1,357	91,770	119,452	241,110	283,554	83,669	662,999	156,556	834	1,282	2,075	1,926	281	5,778	620	11,890	14,215	104	56	114.75	252.51	CIR
M101027266	Elk City 23-6 Circuit Rebuild	86	85	4,946	43,149	30,459	435	1,939	78,921	2,007	117	335	111	4	88	566	89	1,403	191	10	8	139.44	22.55	CIR
M101245698, M101245711, M101399186	700273 Blue Rapids Upgrade 2PH to 3PH	402	402	6,577	152,319	18,507	70,969	150,703	235,921	163,154	88	652	481	473	602	1,628	668	4,394	12,469	30	51	144.91	244.24	CR
M101179524	KDOT K-14/ 96HWY move around Nickerson	751	749	60,308	22,307	79,017	82,637	11,618	161,848	94,039	467	266	1,080	1,028	123	1,817	1,147	3,232	5,631	36	69	89.07	81.99	CR
M101365155	KDOT 6th street bridge project- 12kv	987	991	166,719	22,632	83,806	56,241	177,037	321,445	184,990	3,018	569	1,185	515	1,786	5,256	1,817	5,423	24,679	89	242	61.16	101.81	CR
M100277699	Halstead to West Harvey	3,548	3,552	262,884	1,044,032	391,088	539,919	238,936	2,149,001	327,858	2,859	9,190	5,118	4,304	2,572	20,674	3,369	37,566	34,269	361	352	103.95	97.32	CIR
M100277357, M100975757, M100976684	02610A Ark City - Paris 69kV Rebuild	5,347	5,361	732,003	1,345,671	1,113,766	379,008	244,170	3,566,234	248,384	6,025	12,743	7,398	4,657	1,729	30,769	1,783	60,599	31,349	523	225	115.90	139.31	CIR
M101082775, M101102622	02614G/I Cheyenne and King Fisher 34kV New Line	974	972	47,216	247,204	94,173	102,030	45,075	395,806	139,892	584	1,150	328	2,342	597	3,058	1,943	7,441	10,303	57	143	129.43	72.00	WCIR

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M100952174	Gypsum Tap 34kV Rebuild (12kV)	114	114	8,105	20,422	3,914	49,622	11,161	51,590	41,634	34	155	76	289	73	398	229	964	3,135	7	17	129.62	181.81	CIR
M101835408, M100608395	04708A ESTR to WAVE 34.5kV Rebuild	3,278	3,286	994,374	326,752	132,090	428,138	481,506	1,880,091	482,769	7,118	2,392	1,725	3,167	3,645	14,378	3,669	32,091	58,973	245	448	130.76	131.58	CIR
M100948869	Allen to La Harpe Rebuild - 34kV (Phase 1)	125	125	3,122	21,770	17,757	23,307	25,880	51,455	40,381	32	166	402	420	195	754	461	984	2,785	14	32	68.24	87.59	CIR
M100603617	LA HARPE TO HWY 59 REBUILD - 12.47 KV (SEC 2)	231	232	30,862	61,906	19,355	96,953	36,376	209,076	36,376	276	472	421	605	287	1,774	287	3,502	5,146	30	41	117.86	126.75	CIR
M100373904, M100335411, M100373962, M100335507	04835A/B Rebuild COLI 34-3100	266	263	10,467	2,836	12,872	16,677	244	29,904	13,192	52	47	990	128	4	1,147	74	523	1,374	20	8	26.07	178.27	CR
M101235099	Upgrade 34.5 kV/12kV feeders. Inman to HEC (Phase 6)	1,958	1,962	161,009	127,935	162,063	121,566	133,243	562,786	143,030	1,385	1,182	4,398	1,333	2,721	8,194	2,825	9,872	14,648	144	289	68.68	50.63	CIR
M100598358, M100690608, M100526103, M100598463, M100690589	04841A/B JAGG to TONG 34kV rebuild- TONT 34-2606	3,168	3,183	265,522	489,000	592,801	868,635	116,212	1,392,772	939,398	2,742	5,620	4,768	6,425	1,090	13,691	6,954	26,264	68,357	258	506	101.73	135.09	CIR
M100668925, M101073368, M101176278, M100886974, M101073496	04956A/B Fall River Tap 34kV Rebuild	556	672	1,016,252	86,698	95,057	143,628	15,192	1,341,635	15,192	2,882	746	1,023	642	88	5,293	88	22,939	1,834	90	11	253.47	172.64	CIR
M100778527, M100788385, M100788409, M101336368, M100778627, M100788484, M100788501	04959A/B NCF/Old 40 Hwy Rebuild 12kV	850	858	4,372	7,473	8,401	51,481	9,088	40,149	40,666	97	131	76	769	140	911	302	686	4,928	16	37	44.07	134.66	CIR

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M100839215, M100842723	04960A Abiline 34.5KV - Pole Replacement	1,089	1,086	191,334	284,411	22,344	67,327	84,189	561,813	87,792	1,915	2,415	310	391	1,762	4,997	1,796	9,452	11,975	84	245	112.43	48.88	CIR
M100875359	Toronto Rural 12kV Rebuild	64	66	8,440	15,145	10,501	6,337	74,575	40,423	74,575	66	63	129	67	190	325	190	688	9,335	6	24	124.38	392.50	CIR
M101013983	Install 34.5 kV Feeder - Windom to HTIC (Phase 1) (12 kV)	128	129	18,731	18,613	31,455	8,516	7,623	69,968	14,970	146	204	325	85	103	683	180	1,333	1,049	13	13	102.44	83.17	CIR
M101197976	Install New 34.5 1800kVAR CAP Bank; Clay Center	2	2	295	0	266	0	0	561	0	2	0	2	0	0	4	0	11	0	0	0	140.25	0.00	W
M101561557, M102143073, M101556516, M101615171	8th Ave 34.5kV rebuild	877	876	30,461	46,277	45,732	21,837	19,194	142,669	20,832	313	277	377	267	988	1,225	997	2,405	2,791	21	134	116.46	20.89	CIR
M101124339, M101127360	Cassoday 34.5kV 2 mile rebuild	16	15	6,932	3,449	1,076	317	1,428	11,457	1,745	33	24	6	2	4	63	6	204	165	1	1	181.86	290.83	CIR
M101213125, M100280616	Hawk Rd Rebuild	888	888	104,930	38,801	51,415	133,713	81,131	218,476	191,514	1,265	524	343	1,573	1,295	2,650	2,350	3,994	15,873	48	195	82.44	81.50	CIR
M101456694, M101135297, M101117466	Heartland Logistics Park	8	8	102	0	445	0	0	547	0	3	0	6	0	0	9	0	9	0	0	0	60.78	0.00	CR
M101263036, M101073255	Industry Rebuild 3 Miles of 34kV/7.2kV	4	4	300	524	2,146	390	0	3,360	0	4	4	9	12	0	29	0	59	0	1	0	115.86	0.00	R
M101173554	INSTALL PHASE SPACERS. RE-SAG 34KV CONDUCTOR KEEN342900	307	308	14,634	90,275	149,816	173,632	1,745	335,161	94,941	123	697	1,568	1,254	12	3,325	329	6,577	6,004	65	21	100.80	288.57	CR
M101479075, M101512259	MORRIS COUNTY 34-4530	2,683	2,674	278,514	743,791	250,412	400,784	223,809	1,485,290	412,020	1,964	3,028	2,091	4,130	1,882	9,292	3,803	28,148	29,418	176	272	159.85	108.34	CIR

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M101253007	34kV Removal from 13MAD to 6GOL	4,130	4,148	735,246	111,215	384,123	198,158	109,453	1,419,737	118,458	6,996	1,274	5,266	2,321	878	15,737	998	24,536	13,296	272	112	90.22	118.70	CIR
M100828395	34kV Removal from 2MAD to 13MAD	2,176	2,986	158,318	220,552	286,920	24,464	36,187	680,018	46,423	1,129	1,509	2,992	367	205	5,885	317	11,752	5,210	102	36	115.55	146.44	CIR
M101252743	34kV Removal from DEER to GVIL	1,468	1,472	70,415	183,136	256,293	47,153	104,420	556,997	104,420	861	1,867	2,343	410	644	5,481	644	9,299	15,197	92	94	101.62	162.14	CIR
M101309075, M101252695	34kV Removal from SOLC to INDP	3,275	3,271	518,767	227,662	682,647	101,798	290,529	1,525,162	296,241	4,808	3,139	5,630	2,010	4,857	15,482	4,962	26,062	35,899	265	601	98.51	59.70	CIR

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M100825018	34kV Removal from WWSS to 2MAD	2,176	2,986	158,318	220,552	286,920	24,464	36,187	690,254	36,187	1,129	1,509	2,992	367	205	5,997	205	11,523	5,266	100	30	115.10	176.52	CIR
M101743133	Remove GOAB T34G00319 & Install 34kV Recloser on COLI	835	837	153,446	158,957	188,037	99,894	140,806	593,470	147,670	1,307	2,249	2,088	1,286	864	6,844	950	10,068	18,872	116	121	86.71	155.44	CR
M101114310	Rockenham 34.5 Rebuild of ~1.8 Miles	1,658	1,654	27,615	558,903	172,973	229,355	24,022	807,260	205,608	305	4,201	1,391	2,578	163	6,703	1,935	15,213	14,997	126	141	120.43	106.26	CIR
M101462685	SOAL 34-2525 Replace 34.5 Poles Alma	288	290	37,933	5,381	996	617	2,561	44,667	2,821	394	64	12	10	39	474	45	795	267	8	4	94.23	62.69	CR
M101900968, M101120884	Tescott Junction rebuild	709	707	1,073,543	18,310	175,791	252,234	83,272	1,501,173	101,977	2,166	149	1,206	2,502	661	5,926	758	26,333	10,444	104	78	253.32	134.53	CIR
M101041612	North Tyler Substation Getaways: Phase 2	3,107	3,101	100,832	284,037	251,837	92,769	136,818	637,684	228,609	1,148	3,139	2,254	1,220	875	6,576	2,060	12,991	12,925	134	116	96.97	110.98	CIR

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M100760067, M100726981	Smolan Sub to Ld Cntr - 7.5MVA (12kV)	684	683	58,770	149,977	35,137	101,377	50,211	302,457	93,015	753	2,091	333	705	322	3,707	497	5,290	9,689	65	52	81.59	187.15	CIR
M100939509, M101217216	GALE 12-02 TO SUNS 12-02 IMPROVE TIE - PH 2	1,958	1,962	179,515	701,082	546,154	301,110	47,505	1,725,206	50,160	1,608	5,666	6,165	2,386	1,035	15,769	1,091	29,365	6,253	268	136	109.40	45.98	CIR
M100915765	Seneca Sub 12-4 & 12-6 Getaways	5,827	5,849	283,222	216,306	216,871	313,996	176,179	1,020,405	186,169	2,211	1,840	2,578	2,090	1,548	8,552	1,715	17,417	22,742	146	209	119.32	108.55	CIR
M101185795	Toronto Sub Rebuild--LOAD CENTER 0442	338	340	74,359	23,740	53,379	12,662	295,949	152,981	307,108	514	148	441	104	489	1,110	586	2,897	21,979	21	42	137.82	524.08	CIR
M100803466	Bee Creek Sub Double Circuit Lines	701	705	157,371	16,131	121,018	30,689	1,026	307,594	18,641	1,806	252	2,035	392	24	4,169	340	6,044	1,174	82	21	73.78	54.83	CIR
M100872002, M101262127	11705A Mentor Sub Getaways Station Power	4,633	3,930	273,677	154,070	97,531	279,769	59,827	629,337	235,537	4,037	2,978	1,204	3,461	691	10,323	2,048	11,912	16,897	195	147	60.96	115.01	CIR
M101188957	Rainbow Substation - 12kV Get-Aways	205	169	14,845	26,019	9,126	41,755	2,290	86,983	7,052	114	275	122	586	17	1,007	107	1,577	608	18	9	86.38	65.91	CIR
M101552363	17TH 12-14 / 17TH 12-16 PARTIAL REBUILD	811	490	76,401	97,384	17,916	128,465	100,239	253,297	167,108	1,132	645	178	1,043	1,089	2,611	1,476	4,453	16,887	46	149	97.01	113.22	CR
M100607899	Convert Santa Fe Shops from 69kv to 12kv (BNSF)	1,306	1,302	181,202	44,469	13,806	41,756	40,568	252,317	69,484	1,724	231	144	506	259	2,282	582	4,541	6,198	41	52	110.57	119.39	CIR

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M100948543	Fall River Tap 34kV Rebuild (Load Center 34.5kV side)	556	672	1,016,252	86,698	95,057	143,628	15,192	1,228,387	128,440	2,882	746	1,023	642	88	4,922	459	22,320	10,943	89	39	249.57	279.83	CIR	
M101242865, M101244835	45013A SKEL 12-08 Getays move to PCC 2	2,478	2,431	312,993	513,680	74,677	216,396	121,260	1,108,627	130,379	2,592	1,871	773	2,615	2,732	7,719	2,864	19,708	12,393	137	272	143.62	45.52	CIR	
M101234364	45017A Midland Substation Add 12kV PCC	1,737	1,736	216,657	209,997	87,233	30,285	337,592	538,486	343,278	1,396	4,823	1,218	171	1,994	7,571	2,031	9,233	40,628	130	240	71.12	169.02	CIR	
M101185787	Bendena to Troy Rural K-7 Hwy add conductor.	3	4	785	1,722	306	0	0	2,813	0	8	12	3	0	0	23	0	49	0	0	0	122.30	0.00	CR	
M100523954	2nd & Madison-Division & Lake 34KV Removal	2,176	2,986	158,318	220,552	286,920	24,464	36,187	672,340	54,101	1,129	1,509	2,992	367	205	5,770	432	12,854	3,740	110	30	116.52	125.23	CIR	
M101120693	Phase 1 SW 12th OH/UG Rebuild	853	855	133,492	30,827	12,829	27,126	102,437	178,456	128,255	1,883	291	247	337	638	2,452	944	3,588	7,531	49	55	72.78	135.86	CR	
F2120609	Lateral Improvement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00	C
F960742	Lateral Improvement	6	6	3,246	3,060	648	1,362	1,272	8,316	1,272	30	72	6	12	18	120	18	140	177	2	3	69.30	70.67	CR	
J1390	Lateral Improvement	249	249	42,542	42,743	1,468	60,034	216	145,299	1,704	324	477	13	676	4	1,484	10	2,438	238	25	1	97.91	170.40	CIR	
F963162	Lateral Improvement	30	30	3,920	1,867	39	13,390	11,801	19,216	11,801	28	31	1	89	145	149	145	325	1,561	3	19	128.97	81.39	CR	
F960890	Lateral Improvement	140	140	380	75,341	29,077	27,628	46,603	132,426	46,603	1	567	212	149	422	929	422	2,237	6,163	16	56	142.55	110.43	CIR	
F964455	Lateral Improvement	54	140	849	95	1,903	15,675	9,459	18,522	9,459	8	1	4	55	168	68	168	311	1,326	1	24	272.38	56.30	CR	
College/Lenexa Dist Interconnection	Install 5139 feet of OH double circuit along Ridgeview Road to accommodate general load growth	1,625	1,622	27,632	45,454	22,120	88,172	19,008	177,525	24,862	308	1,132	198	903	537	2,511	567	3,307	1,900	47	43	70.70	43.85	CIR	

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12kV New Circuit to Lackman Circuit	Build new circuit from Lackman to development to provide capacity and infrastructure for new development.	2,367	2,363	157,667	101,199	72,629	137,974	16,077	378,731	106,815	1,919	1,086	520	2,120	188	4,486	1,347	6,372	14,569	75	184	84.43	79.30	CIR
Oak Woods 215 Lone Elm	New proposed subdivision in Spring Hill, KS. Convert 0.5 miles of single-phase to three-phase, circuit 13213, from Columbia Road to Lone Elm Road. Conductor size is minimum 477 ACSR. Also extend three-phase from transformer 1374589, 600 ft to 217th Street and add open switch. The open switch will provide second feed into the new subdivision.	1,277	1,293	64,971	14,490	29,810	17,092	206	121,134	5,435	1,031	186	239	217	2	1,570	105	2,289	393	30	8	77.16	51.76	CR

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