

Ameren Missouri 2022 Customer-Focused Capital Investment Summary

\$ - Thousands

Category 1	2022 Actual
Smart, Reliable Grid Operations	732,514
Smart Meter Program	76,015
Non-Nuclear Generation & Environmental	128,614
Nuclear Generation	104,596
Hydro Generation	23,204
Renewable & Gas Turbine Generation	38,525
Secure & Reliable Transmission	243,613
Cyber & Technology Upgrades	138,884
Operational & Customer Support Facilities	79,384
Innovative Opportunities	6,068
Grand Total - Capital	1,571,417
Grid Modernization Total	706,780
Ongoing Operations Total	864,637
Grid Modernization Total Percent	<u>45.0%</u>
Smart Meter Program Total (Excluding TOU)	<u>74,516</u>
Smart Meter Program Total Percent	<u>4.7%</u>
Renewable Asset Acquisitions	17,871
Grand Total, Including Renewable Asset Acquisitions	1,589,288

Ameren Missouri 2022 Customer-Focused Capital Investment Detailed Summary

\$ - Thousands

Category 1	2022 Actual	2022 Plan	\$ Variance	% Variance	Notes*
Smart, Reliable Grid Operations					
Grid Modernization	448,791	479,720	(30,929)	(6.4%)	Under primarily due to supply chain delays and project scope refinement.
Ongoing Operations	283,723	233,499	50,224	21.5%	Over primarily due to new business and storm restoration.
Smart Meter Program					
Grid Modernization	76,015	86,598	(10,583)	(12.2%)	Under primarily due to supply chain delays and resource constraints.
Non-Nuclear Generation & Environmental					
Grid Modernization	77	19	58	305.3%	
Ongoing Operations	128,537	145,641	(17,104)	(11.7%)	Under primarily due to supply chain delays, project scope refinement, resource constraints, and deferral of coal unloading equipment out of services per shortage of coal train deliveries.
Nuclear Generation					
Grid Modernization	2,827	1,764	1,063	60.3%	
Ongoing Operations	101,769	100,567	1,202	1.2%	
Hydro Generation					
Grid Modernization	3,471	2,964	507	17.1%	
Ongoing Operations	19,733	34,734	(15,001)	(43.2%)	Under primarily due to scope refinements and deferrals of major projects related to elevators and refurbishment outages.
Renewable & Gas Turbine Generation					
Grid Modernization	1,481	2,003	(522)	(26.1%)	
Ongoing Operations	37,044	34,004	3,040	8.9%	
Secure & Reliable Transmission					
Grid Modernization	144,142	131,442	12,700	9.7%	Over primarily due to emergent projects (Rush Island).
Ongoing Operations	99,471	107,823	(8,352)	(7.7%)	
Cyber & Technology Upgrades					
Grid Modernization	26,236	28,833	(2,597)	(9.0%)	
Ongoing Operations	112,648	126,205	(13,557)	(10.7%)	Under primarily due to deferrment of projects due to resource constraints.
Operational & Customer Support Facilities					
Ongoing Operations	79,384	88,643	(9,259)	(10.4%)	
Innovative Opportunities					
Grid Modernization	3,740	7,245	(3,505)	(48.4%)	
Ongoing Operations	2,328	1,510	818	54.2%	
Grand Total	1,571,417	1,613,214	(41,797)	(2.6%)	

Grid Modernization Total	706,780
Ongoing Operations Total	<u>864,637</u>
Grid Modernization Total Percent	<u>45.0%</u>
Smart Meter Program Total (Excluding TOU)	<u>74,516</u>
Smart Meter Program Total Percent	<u>4.7%</u>
Wind Asset Acquisition	17,871
Grand Total, Including Wind	1,589,288

*Variances greater than \$10M (+/-) are explained.

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

Key	
Black Font	Planned 2022 Filing Projects/SWO-Funded Projects/Project Closeouts
Blue Font	Emergent 2022 Projects
Project Status "√"	Projects Placed in Service by 2022
Project Status "S"	Projects with Spend but Not in Service by 2022
Project Status "R"	Rescheduled/To Be Rescheduled Projects

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

								\$ - Thousands	
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance		
Smart, Reliable Grid Operations	Distribution Operations	Customer Requested	J02N6 - ██████████ 578-54 ██████████ J0215 - ██████████ 139-3 OTU ██████████ J11F2 - ██████████ OTU ██████████ 55	✓ S S					
		Customer Requested Total				24	683	(659)	
		Emergent Business	J0RTN - ██████████ -New Feeder Extension 246-003 J0NBX - ██████████ -XFMR Serv J0VGT - ██████████ J0VRN - ██████████ 136-52, Conductor Upgrade J0WJ7 - ██████████ INDR Rm Sec-Ser J0X7F - ██████████ 264-60 Load Diversion J0X57 - ██████████ Sec-Serv J0XKV - ██████████ 159-4 extension J0Z91 - ██████████ - Serv J0ZDP - ██████████ 122-4, ██████████ J0ZNS - ██████████ 578-54 ██████████ J0Z68 - ██████████ 393 New Feeder-Line-C J0ZDX - ██████████ 393 New Feeder-UG-C J11DX - ██████████ -UG-C J112B - ██████████ -New SVC J105V - ██████████ -Sub	✓ ✓ ✓ ✓ ✓ ✓ S S S ✓ ✓ ✓ S S					
		Emergent Business Total				5,460	939	4,521	
		Reliability & NESC	J0V4L - RELB ██████████ 585-53	✓					
		Reliability & NESC Total				393	4	389	
		Transformers & Tools	J0KP4 - Spare Cust 34/4 kv 14MVA J0TNK - Spare 21X_34-4kv LTC Transformer J0TTL - Spare 18-2021 UPGR XFMR J0TZF - Spare 10B, 161-34KV Transformer J0WM1 - Spare SA 139.2/34kv 112MVA LTC J0VBQ - SPARE 19X 22MVA Xfmr 34-13.2KV 2022 J0XPN - Spares 19 and 20 22MVA Xfms	R ✓ ✓ ✓ S ✓ ✓					
		Transformers & Tools Total				3,870		3,870	
		Distribution Operations Total				9,747	1,626	8,121	
		Grid Resiliency/Operating Flexibility	Convert 4kv to 12kv	J0JDQ - ██████████ Sub Second Unit-Sub-C	✓				
				J0JF6 - ██████████ Sub Second Unit-UG-C	✓				
				J0JFC - ██████████ Sub-Site-C	S				
				J0J3L - ██████████ 12kv Sub 2nd Unit-UG-C	S				
				J0J5P - ██████████ New 34-12 kv Sub-UG-C	S				
				J0KN8 - ██████████ New 34-12 kv Sub-UG-C	S				
				J0JD7 - ██████████ Sub 138-12kv-Line-C	✓				
				J0JF7 - ██████████ Sub 138-12kv-UG-C	✓				
				J0JID - ██████████ Sub 138-12kv-Sub-C	✓				
				J0KSM - ██████████ 12 kv Sub 2nd Unit-Sub-C	S				
				J0KQD - ██████████ New 34-12 kv Sub-Sub-C	S				
J0KSR - ██████████ New 34-12 kv Sub-Sub-C	S								
J0P01 - ██████████ 4-12kv Conversion-UG-C	R								
J0NQQ - ██████████ Pad-mount XFMR-Line-C	S								
J0P24 - ██████████ Pad-mount XFMR-Line-C	✓								
J0P1G - ██████████ 103-1 12kv Conversion	S								
J0P14 - ██████████ 4-12kv Conversion-LINE-C	R								
J0NWL - ██████████ 138-12kv Substation-RE-C	R								
J0NXF - ██████████ 138-12kv Substation-Sub-C	R								
J0P1Q - ██████████ Area Conversion-Sub-C	S								
J0P2N - ██████████ Sub 138-12kv-TaylorRem-C	R								
J0SGG - ██████████ Pad-mount XFMR-Line-C	S								
J0SGM - ██████████ 910-4 UPGR	S								
J0SHG - ██████████ 006-12kv Upgrade	S								
J0SHD - ██████████ 005-12kv Upgrade	S								
J0SHB - ██████████ 002-12kv Upgrade	S								
J0SGN - ██████████ 001-12kv Upgrade	S								
J0SGT - ██████████ 004-12kv Upgrade	S								
J0SGV - ██████████ 005-12kv Upgrade	S								
J0SGQ - ██████████ 002-12kv Upgrade	R								
J0SGR - ██████████ 003-12kv Upgrade	R								
J0SGF - ██████████ Pad-mount XFMR-Line-C	✓								
J0SGD - ██████████ Pad-mount XFMR- Line-C	S								
J0RPX - ██████████ New 34-12 kv Sub CNTL-C	S								
J0SH3 - ██████████ 12kv Modernize-Site-C	S								
J0SHJ - ██████████ 12 kv Sub-UG-C	R								

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

								\$ - Thousands
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance	
			JOSGW - 12 kv Sub-Site-C	S				
			JOSHS - 12 kv Sub-Sub-C	S				
			JOSGC - 12 kv Sub-Line-C	R				
			JOWBX - Sub-UG-C	R				
			JOXQK - Pad-mount-XFMR- Line-C	S				
			JOWBW - Sub-Sub-C	S				
			Convert 4kv to 12kv Total		24,391	32,681	(8,290)	
			Line Capacity Increases					
			JOKDB - 740-51 tie to 939-53	✓				
			JOKNW - 561-51 Momentary Outage Repairs	✓				
			JOP1K - 80 New 34.5 kv Circuit-UG-C	✓				
			JOP02 - 72 Recon to	S				
			JOP07 - 75, Recon on	✓				
			JOP26 - 556-53 Recon	S				
			JOP1B - relieve feeder 195-51	S				
			JONZQ - 71 Circuit Improvement	R				
			JOPOX - 161-55 571-53 Recond DA	S				
			JOP3T - 80 New 34.5kv Circuit-Sub-C	✓				
			JQQT8 - 638-52 Feeder Extension	✓				
			JORRW - 77 & 78 Recon	✓				
			JORQW - New 34kv Feed-Line-C	✓				
			JORSO - 74 Extension from Sub	✓				
			JORR3 - New 34kv Feed-Sub-C	✓				
			JORRZ - 78 Recon	S				
			JOSKN - Recon-UG-C	S				
			JOSKP - New 34kv Feeder-UG-C	R				
			JOSKV - Recon-Line-C	S				
			JOSJV - Pad-mount XFMR-Line-C	S				
			JOSKF - 73, New 34.5KV Circuit-Sub-C	S				
			JOSKH - New 34kv Feeder-Sub-C	R				
			JOP3F - Relieve 575-52	S				
			JOT32 - 73 Recon to	✓				
			JOT3X - 630-53	S				
			JOT41 - Recon 88	S				
			JOT40 - 72 UPGR	✓				
			JOP1H - 80 New 34.5 kv Circuit-Line-C	✓				
			JOP0H - 503-52 FDR Extension	✓				
			JOTVM -	✓				
			JOP3D - 73, New 34.5kv Circuit-Line-C	S				
			JOV0C - 207-54 Circuit Improvemen	S				
			JOV76 - 168-52 & 186-51 3-PHS TIE	✓				
			JOVJ5 - 185-52 Add Tie to	S				
			JOV5X - Solar Distribution-C	✓				
			JOVJR - 630-53 Extension Ph3	S				
			JOWMT - 127-56 3ph Tie	S				
			JOV7Q - 168-52 3-PHS EXTENSION	S				
			JOWMP - 191-52 Recon Project	✓				
			JOXC1 - 844-51 556 Recon	✓				
			JOXIQ - Pad-mount XFMR	✓				
			JOXIR - Pad-mount XFMR5	✓				
			JOXJ5 - Pad-mount XFMR	✓				
			JOXXN - 578-51 FDR Relief	✓				
			JOX09 - 56 Ph 2	R				
			JOXFH - 860-52	✓				
			JOWP9 - New 34.5KV Feed-UG-C	R				
			Line Capacity Increases Total		40,442	23,249	17,193	
			Substation Capacity Increases					
			JOGDV - 34-12kv Customer Sub-Sub-C	✓				
			JOKSJ - Sub Site Purchase-C	S				
			JOP4 - CBM UPGR 34.5kv-Line-C	S				
			JOF8 - Add Xfmr-UG -C	S				
			JOFD - 138-12kv-UG-C	R				
			JOJ95 - Add Xfmr-Line-C	S				
			JOJFO - 138-12kv - Line - C	R				
			JOIDG - 2nd Unit - Line-C	S				
			JOUNC - 2nd Unit - Line - C	S				
			JOUND - 2nd Unit - Line - C	R				
			JOKQB - Bulk Sub-Line34-C	✓				
			JOGH9 - Sub-Line-C	S				
			JOKP8 - Sub Upgr - Line - C	S				
			JOJDM - CBM Upgr - Sub - C	✓				
			JOJG8 - Add Xfmr - Sub - C	S				

EXHIBIT 2
CONFIDENTIAL 20 CSR 4240-2.135(2)(A)1,6,7 & 8

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

Category 1		Category 2		Category 3		2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
						J0JKR - 2nd Unit - Sub - C	S			
						J0KFP3 - 2nd Unit - Sub - C	S			
						J0KSB - Bulk Sub-UG-C	✓			
						J0GDS - Sub-Sub-C	S			
						J0KSL - Sub Upgr - Sub - C	S			
						J0JJ1 - - 2nd Unit - Sub - C	S			
						J0JL1 - 138-12kV - Sub - C	S			
						J0JTT - Sub - Upgr Transformers	S			
						J0PXQ - New Cust Sub-UG-C	R			
						J0PMT - Bulk Sub-Transmission-C	✓			
						J0RWC - Sub UPGR-Line-C	✓			
						J0RWD - Sub UPGR-Sub-C	✓			
						J0SBJ - Substation-UG-C	S			
						J0SKK - Sub, Upgrade-UG-C	S			
						J0SKL - 34-12 kV Substation-UG-C	S			
						J0S9B - Substation-Line-C	S			
						J0SKW - 34-12 kV Substation-Line-C	S			
						J0SLO - 138-12kV - Xmsn-C	R			
						J0SKQ - Sub, Upgrade-Line-C	S			
						J0SJS - Pad-mount XFMR-Line-C	S			
						J0SIW - 34-12kV Sub-Line-C	S			
						J0S9X - Substation-Site-C	S			
						J0SBS - Substation-Sub-C	S			
						J0SKO - 34-12kV Sub-Site-C	S			
						J0SK5 - Pad-mount XFMR-Sub-C	R			
						J0SKB - Sub, Upgrade-Sub-C	S			
						J0SKC - 34-12 kV Substation-Sub-C	S			
						J0SK9 - 34-12kV Sub-Sub-C	S			
						J0SKD - 34-12kV Sub -Sub-C	S			
						J0K6C - Sub Distrib Line-C	S			
						J0KSH - Sub Substation-C	S			
						J0KS9 - Bulk Sub-Sub 34kV-C	✓			
						J0SKJ - New 34.5-13.8 kV Sub-UG-C	✓			
						J0V3N - Pad-mount XFMR-Line-C	S			
						J0JHX - Site - Future Use	✓			
						J0JXX - Sub Upgr W Unit-Sub-C	✓			
						J0K09 - Sub UPGR W Unit-Sub-C	S			
						J0SK1 - Sub Upgr Sub-Site-C	S			
						J0SK7 - New 34.5-13.8 kV Sub-Sub-C	S			
						J0TRL - Customer Sub -Sub-C	S			
						J0V4N - -12kV Sub-Site-C	S			
						J0VT3 - New 34.5-13.8 kV Sub-Site-C	S			
						J0WPL - Sub Upgr W Unit-UG-C	✓			
						J0WRT - Pad-mount XFMR- Line-C	✓			
						J0W01 - Sub-Site-C	✓			
						J0WC1 - Substation-Sub-C	S			
						J0WC3 - New Sub-Sub-C	S			
						J0WJH - New Sub- Site-C	✓			
						J0WMQ - Customer Sub - Site- C	R			
						J0WRV - Pad-mount XFMR- Sub-C	R			
						J0X1X - Sub Upgrade-Site-C	S			
						J0WC0 - Substation-Line-C	S			
						J0K6D - Sub-Line-C	R			
						J0WC4 - Sub UPGR W Unit-Line-C	S			
						J0WC2 - New Sub-Line-c	R			
						J0KS7 - Sub-Sub-C	R			
						J0WMR - 69kV Bus Upgrade-Sub-C	R			
						J0WMV - Upgrade XFMR Low-Side	R			
						J0W95 - Customer Sub-34.5KV-Line	S			
						J0ZFC - Pad-mount XFMR- Line-C	S			
						J116F - Sub Upgr W unit and Swgr	S			
						J0LB5 - Sub	S			
						J0SKZ - Sub Xmsn Lines-C	S			
						J1129 - Sub UPGR Site-C	S			
						Substation Capacity Increases Total		59,088	64,377	(5,289)
						Switches				
						J0J1B - Viper SWO	✓			
						J0JJR - Nulec SWO	✓			
						J0VJ5 - DA Vipers Upgr	✓			
						J0W72 - DA and -72 Tie	✓			
						J0X6X - DA 76 Viper Upgr	✓			

\$ - Thousands

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands							
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			J0X6Z - DA - 76 Viper Upgr	✓			
			J0XPV - SWPD22557 Upgrade	S			
			J0XPW - SWPD23347 Upgrade	S			
			J0XPX - SWPD30868 Upgrade	S			
			J0Z92 - Serv	S			
			J1093 - DA - 74 Viper Upgr	✓			
			J109V - Repl CO1119 CO509 CO573	✓			
			J0XLS - DA - 72 Viper Upgr	✓			
			J0XVL - DA - 73-74 Upgr	S			
		Switches Total			4,811	2,631	2,180
		Subtransmission Switch Upgrades	J0NDS - DCD - UPGR 34kV Switches	✓			
			J0R47 - DA - 74 UPGR	S			
			J0TZS - 71 34kV Switch UPGR JF4	✓			
		Subtransmission Switch Upgrades Total			1,444	1,093	351
		Grid Resiliency/Operating Flexibility Total			130,176	124,031	6,145
	Smart Grid	Cutout Recloser	J0JJB - DCD - UPGR Tripsaver Reclosers	✓			
		Cutout Recloser Total			4,375	4,624	(249)
		Distribution Automation	0A317 - DCD - UPGR Line Capacitor Controls	✓			
			0A318 - DCD - DA Program	✓			
			J0N2M - Telecomm for Overhead	✓			
			J0T72 - DA - 52 Upgr	✓			
			J0V6Z - SWPD21710 Livefront	✓			
			J0VCB - SWGR	✓			
			J0T44 - DA - 58 SWGR Upgr	✓			
			J0VHG - DA - 53 Swgr Upgr	S			
			J0X3D - DA - 53 Upgr	✓			
			J0X3G - DA - 03 Upgr	✓			
			J0X3H - DA - 05 Upgr	✓			
			J0X3K - DA - 07 Upgr	✓			
			J0X3L - DA - 06 Upgr	✓			
			J0X3F - DA - 52 Upgr	✓			
			J0X70 - DA - 52 Upgr	✓			
			J0XCG - DA - 53 Upgr	✓			
			J0XC5 - DA - 53 Upgr	✓			
			J0XC7 - DA - 54 Upgr	✓			
			J0XC8 - DA - 55 Upgr	✓			
			J0ZF3 - DA - 54 Swgr Upgr	✓			
			J0XHL - DA - 79 Viper Upgr	✓			
			J0Z76 - DA - 52 Swgr Upgr	✓			
			J0Z78 - DA - 51 Swgr Upgr	✓			
			J0ZQM - DA - 51-58 Swgr Upgr	✓			
			J0ZQL - DA - 51 Swgr Upgr	✓			
			J121P - DA - 56 Swgr Upgr	S			
			J121X - DA - 53 Swgr Upgr	S			
			J121W - DA - 52 Swgr Upgr	✓			
		Distribution Automation Total			22,505	21,897	608
		Fault Circuit Indicators	J0JGS - DCD - UPGR Backbone FCIs	✓			
			J0JJ6 - DCD - UPGR Terminal Pole FCIs	✓			
		Fault Circuit Indicators Total			5,612	4,609	1,003
		Fiber/Wireless	J0RDN - MO PLTE EPCore	✓			
			J0S16 - PLTE Metro Site	S			
			J0SPW - PLTE Metro Site Tower	✓			
			J0V48 - PLTE Metro Site 151-034UG	S			
			J0SK3 - PLTE Metro Site 151-042	S			
			J0V4G - PLTE Metro Fiber 151-018GR	S			
			J0V4H - PLTE Metro Fiber 151-032CH	✓			
			J0V48 - PLTE Metro Site 151-035	✓			
			J0V4D - PLTE Metro Fiber 151-035DT	✓			
			J0V47 - PLTE Metro Site 151-010FR	✓			
			J0V49 - PLTE Metro Site 151-141F	✓			
			J0V4F - PLTE Metro Fiber 151-0141F	✓			
			J0SK2 - PLTE Metro Site 141-002	S			
			J0TXH - Tower Fiber	✓			
			J0W97 - PLTE Metro Site 151-033FR	S			
			J0W9F - PLTE Metro Fiber 151-033FR	✓			
			J0W9R - PLTE Metro Fiber 151-010FR	✓			
			J0W91 - PLTE Metro Site 151-007JF	✓			
			J0W92 - PLTE Metro Site 151-006JF	S			

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Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			J0W94 - PLTE Metro Site 151-025JF	✓			
			J0W95 - PLTE Metro Site 151-028JF	✓			
			J0W96 - PLTE Metro Site 151-015JF	S			
			J0W98 - PLTE Metro Fiber 151-007JF	S			
			J0W9C - PLTE Metro Fiber 151-025JF	✓			
			J0W9D - PLTE Metro Fiber 151-028JF	✓			
			J0W9P - PLTE Metro Site 151-023JF	✓			
			J0W9Q - PLTE Metro Fiber 151-023JF	✓			
			J0W99 - PLTE Metro Site 141-040NE	S			
			J0W9G - PLTE Metro Fiber 141-040NE	S			
			J0SW7 - MO Metro PLTE Backhaul 2022	R			
			J0V01 - Modem UPGR	✓			
			J0XH - PLTE Metro Site 151-036MK	S			
			J0XJ - PLTE Metro Site 151-038MK	S			
			J0XL - PLTE Metro Site 151-001MK	S			
			J0ZH4 - PLTE Metro Fiber 151-042MK	S			
			J0ZSH - PLTE Metro Fiber 151-038MK	S			
			J0ZSW - PLTE Metro Fiber 151-036MK	S			
			J0XJG - PLTE Metro Site 151-011MK	S			
			J0ZGL - PLTE Metro Site 151-026	S			
			J0ZSP - PLTE Metro Fiber 151-016GR	S			
			J0ZSM - PLTE Metro Fiber 151-012GR	S			
			J0ZSR - PLTE Metro Fiber 151-019DT	S			
			J0ZSS - PLTE Metro Fiber 151-020DT	S			
			J0ZTD - PLTE Metro Site 151-020DR	S			
			J0ZGH - PLTE Metro Site 151-005	S			
			J0ZGJ - PLTE Metro Site 131-037	S			
			J0ZH3 - PLTE Metro Fiber 151-005BK	S			
			J0XB - PLTE Metro Site 141-039CH	S			
			J0XK - PLTE Metro Site 151-031CH	S			
			J0XC - PLTE Metro Site 151-008EL	S			
			J0XF - PLTE Metro Site 151-009EL	S			
			J0ZH0 - PLTE Metro Fiber 151-009EL	S			
			J0ZH2 - PLTE Metro Fiber 151-008EL	S			
			J0ZT7 - PLTE Metro Site 151-004EL	S			
			J0ZTF - PLTE Metro Site 151-041EL	S			
			J0XD - PLTE Metro Site 151-003FR	S			
			J0ZGX - PLTE Metro Fiber 151-003FR	S			
			J0ZSV - PLTE Metro Fiber 151-024FR	S			
			J0ZTB - PLTE Metro Site 151-017FR	S			
			J0ZV0 - PLTE Metro Site 131-030FR	S			
			J0ZGK - PLTE Metro Site 141-029	S			
			J0ZH1 - PLTE Metro Fiber 141-039NE	S			
			J0ZSN - PLTE Metro Fiber 141-002NE	S			
			J1153 - MO Private LTE- Urban	S			
			J11X4 - PLTE Metro Site Purchase 151-043JF	S			
			J114Z - MO Private LTE-Rural	S			
			Fiber/Wireless Total		29,168	50,601	(21,433)
			LED Street Lighting				
			J09H1 - LED Streetlight Program	✓			
			LED Street Lighting Total		13,342	9,617	3,725
			SCADA Upgrades				
			J0JSS - ██████████ - Add Scada	S			
			J0JTV - ██████████ - Add Scada	S			
			J0JSK - ██████████ - Add Scada	✓			
			J0JT7 - ██████████ - Add Scada	S			
			J0K29 - ██████████ - Add Scada	✓			
			J0JST - ██████████ - Add Scada	S			
			J0JTS - ██████████ - Add Scada	S			
			J0JRV - ██████████ - Switchgear UPGR	✓			
			J0JTZ - ██████████ - SWGR UPGR-Sub-C	S			
			J0TZT - ██████████ - RTU Upgrade	✓			
			J0XN3 - ██████████ - UPGR-Line-C	✓			
			J0XW5 - ██████████ - Switchgear Upgrade-Line-C	S			
			J0XWT - ██████████ - Add Scada -Line-C	✓			
			J0JRP - ██████████ - Switchgear UPGR-Sub-C	✓			
			J0K2D - ██████████ - Add Scada-Sub-C	S			
			SCADA Upgrades Total		6,584	8,666	(2,082)
			Smart Grid Total		81,586	100,014	(18,428)
			Substations - Condition Based Modernization				
			OCB Upgrades				
			J0KQH - OCB Upgr 8 at ██████████ Sub-Sub-C	✓			
			J0CKL - OCB UPGR Projects	R			

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands							
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			JOKR2 - OCB - -34KV POS 1	✓			
			JOKRJ - OCB - -34KV LINE 311	✓			
			JOKRM - OCB - -69KV LINE 610	✓			
			JOKRW - OCB FDR UPGR - phase II	✓			
			JOT02 - OCB - UPGR 6 positions Bus 1&2	✓			
			JOJSM - OCB - -34KV POS 342	R			
			JOKQK - OCB - -138/34 XFMR 3-Sub-C	✓			
			JOVTX - OCB - -138/34 XFMR 3-Line-C	✓			
			JOWRN - OCB-UPGR - Pos 730, 782, 788	✓			
			JOWT4 - OCB-UPGR - Xfmr 1 5F6	✓			
			JOWT5 - OCB-UPGR - FDR 875-071	S			
			JOWT6 - OCB-UPGR - POS 21	✓			
			JOWT7 - OCB-UPGR - Xfr 1&3 main Bkr	✓			
			JOX5C - OCB-UPGR - positions 15,17,19	✓			
			J109X - OCB-UPGR - POS 11, LKSD-72	S			
			J109Z - OCB-UPGR - POS 320, MORU-71	S			
			J10B1 - OCB-UPGR - 34KV 321 326	S			
			J10B2 - OCB-UPGR - POS 3282 913-072	S			
			J10B3 - OCB-UPGR - N&S POS 723&780	S			
			OCB Upgrades Total		4,315	5,245	(930)
			JOJVH - CBM - 34 Sub Upgr Relays	✓			
			JOJKZ - Relay Upgr - 4-KV Swgr 2	R			
			JOJW7 - Relay Upgr - Sub-161-51	R			
			JOJXL - Relay Upgr - Swgr-Green Goo	S			
			JOJXQ - Relay Upgr - Swgr 1-Green Goo	R			
			JOJXM - Relay Upgr - Sub-921-41	R			
			JOJXP - Relay Upgr - Sub -921-379	R			
			JOJVB - Relay Upgr - -34 Sub -43	R			
			JOJVC - Relay Upgr - Sub-XFMR 2	R			
			JOJVD - Relay Upgr - Sub -78	R			
			JOJVR - Relay Upgr - 34 Sub-69kv Bus1	R			
			JOJVV - Relay Upgr - Sub-XFMR W	R			
			JOJVV - Relay Upgr - Sub-XFMR W	R			
			JOJW3 - Relay Upgr - Sub -71	R			
			JOJW4 - Relay Upgr - Sub-XFMR W	R			
			JOJW6 - Relay Upgr - Sub-CAP Bank 1	R			
			JOJWD - Relay Upgr - Sub-XFMR 1	R			
			JOJWF - Relay Upgr - Sub-877-53	R			
			JOJWG - Relay Upgr - Sub-GARD-73	R			
			JOJWS - Relay Upgr - Sub-HUNT-73	R			
			JOJWT - Relay Upgr - Sub-XFMR W	R			
			JOJWV - Relay Upgr - Sub - Line E	R			
			JOJWX - Relay Upgr - Sub -Cap Bank	R			
			JOJWZ - Relay Upgr - -69-161/69kv XFMR	S			
			JOJX0 - Relay Upgr - Sub-XFMR 1 and 2	R			
			JOJX2 - Relay Upgr - Sub -74	R			
			JOJX3 - Relay Upgr - 34 Sub-XFMR 3	S			
			JOJX5 - Relay Upgr - Sub -72	R			
			JOJXB - Relay Upgr - Sub -72 (SKTN)	R			
			JOJXC - Relay Upgr - Sub-XFMR 1	R			
			JOJXH - Relay Upgr - Sub-169-52 & 54	R			
			JOJZL - Relay Upgr - Sub-XFMR 1	R			
			JORTS - Relay Upgrades	✓			
			JOJV1 - Relay Upgrades - Substation NW	✓			
			JOWOD - Substation Relay Upgrades	S			
			JOWOG - Substation Relay Upgr	✓			
			JOWOH - Substation Relay Upgr	S			
			JOWOJ - Relay Upgrades	✓			
			JOWOK - Substation Relay Upgrades	✓			
			JOWOL - Substation Relay Upgrades	✓			
			JOX6D - Substation Relay Upgrades	✓			
			JOX6F - Substation Relay Upgrade	✓			
			JOX6G - Road Substation Relay Upgrades	✓			
			JOX6H - Substation Relay Upgrades	S			
			JOX6J - Substation Relay Upgrades	S			
			JOX6K - Xfmr 26Q Relay Upgrades	S			
			JOX6L - Xfmr 26Q Relay Upgrade	✓			
			JOX6M - Xfmr 26Q Relay Upgrades	S			
			JOX6N - Xfmr 26Q Relay Upgrade	✓			
			JOX6P - Xfmr 26Q Relay Upgrade	✓			

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

								\$ - Thousands
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance	
			J0X6Q - Xfmr 26Q Relay Upgrade	S				
			J0X6R - Xfmr 26Q Relay Upgrade	S				
			J0X6S - Xfmr 26Q Relay Upgrade	✓				
			J0X6T - Xfmr 26Q Relay Upgrade	✓				
			J0JWP - Sub Relay Upgrades	S				
			J0JX9 - Sub Relay Upgrades	S				
			J0XQ9 - Substation Relay Upgrades	S				
			J0XQB - Substation Relay UPGR	✓				
			J0XQC - Substation Relay Upgrade	✓				
			J0XQD - Substation Relay Upgrades	S				
			J0XQF - Substation Relay Upgrades	✓				
			J0XQG - Substation Relay UPGR	S				
			J0ZL3 - Sub Relay Upgrades	✓				
			J1075 - Sub Relay Upgrades	S				
			J107T - Sub Relay Upgrades	S				
			J107V - Sub Relay Upgrades	S				
			J118B - Sub Relay Upgrades	S				
			J118C - Sub Relay Upgrades	S				
			J118D - Sub Relay Upgrades	S				
			Relay Upgrades Total		3,560	7,048	(3,488)	
			Sub/Switchgear Upgrades					
			0A664 - SWO-Dist Sub-Con Based	✓				
			0R000 - SWO-DIST. SUBS - T&DD - E63	✓				
			J08GH - CBM Sub-UG-C	✓				
			J08LM - CBM Sub-Sub-C	✓				
			J0CDS - CBM Sub-Line-C	✓				
			J0CG5 - CBM Sub Site	S				
			J0CH4 - CBM -Sub-C	✓				
			J0CHB - CBM Sub-Sub-C	✓				
			J0CHG - CBM Sub-Sub-C	S				
			J0CJS - CBM -LINE-C	✓				
			J0CKK - CBM Unit W-SUB-C	✓				
			J0CLV - CBM Unit W-UG-C	✓				
			J0JJC - Upgr Xfmr #1	✓				
			J0JFX - CBM -UG-C	S				
			J0JDV - Bulk Sub Upgr - UG - C	S				
			J0CM7 - CBM Sub-UG-C	S				
			J08GJ - CBM Sub-UG-C	S				
			J0JML - CBM - Line - C	R				
			J0K7M - CBM - Line - C	✓				
			J08FR - CBM Sub-Line-C	S				
			J0KPB - Sub - Line - C	S				
			J0JGH - CBM-UPGR Mobile sub D	S				
			J0KSN - CBM - Sub - C	S				
			J0CGW - CBM Sub, Upgr	✓				
			J0IGD - CBM - Sub - C	✓				
			J0IGJ - CBM-Upgr Mobile E with new mobile	R				
			J0JJS - Upgr Xfmr #1	✓				
			J0JK5 - Bulk Sub Upgr - Sub - C	S				
			J0JKV - CBM - Sub - C	✓				
			24548 - CBM Sub-Sub-C	S				
			J0JRS - Add SCADA	✓				
			J0JR2 - -12 - Add Scada	R				
			J0JS6 - CBM - Sub - C	S				
			J0JSD - Add Scada	S				
			J0JT4 - Add SCADA	✓				
			J0JT6 - -12 - Add SCADA	✓				
			J0JT9 - Upgr Xfmr #2	S				
			J0JTC - Add SCADA	✓				
			J0K2B - Add SCADA	✓				
			J0JGN - Add Scada	✓				
			J0JS9 - -12 - Add Scada	✓				
			J0JSQ - Add Scada	✓				
			J0JTO - Add Scada	✓				
			J0JT1 - Add Scada	✓				
			J0K06 - -12 - Add Scada	✓				
			J0K27 - Add Scada	R				
			J0KSF - Sub - Sub - C	S				
			J0JJ2 - Add Scada	S				
			J0JJ3 - Add Scada	R				
			J0JSZ - Add Scada	R				

EXHIBIT 2
CONFIDENTIAL 20 CSR 4240-2.135(2)(A)1,6,7 & 8

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

				\$ - Thousands			
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			J0JTF - Add Scada	S			
			J0JTJ - Add Scada	S			
			J0JTX - -14 - Add Scada	R			
			J0KSD - W - Switchgear	S			
			J0P2V - CBM - Upgr UPGR-C	S			
			J0N2H - CBM - Sub Upgr LINE-C	✓			
			J0P4X - CBM - UPGR Xfmr 1	✓			
			J0P21 - CBM - Sub Upgr LINE-C	R			
			J0P3K - CBM - Vent Sub UPGR	R			
			J0P0Q - CBM - Upgr LINE-C	S			
			J0P3J - CBM - Sub	R			
			J0P54 - Xfmr UPGR	✓			
			J0P56 - Xfmr W UPGR	S			
			J0P57 - Xfmr W UPGR	R			
			J0N2J - CBM - UPGR-UG-C	S			
			J0P05 - CBM - UPGR-Line-C	S			
			J0P1N - CBM - Sub Upgr-Sub-C	S			
			J01WC - CBM - Sub-Sub-C	S			
			J0J17 - Upgr Xfmr #2	✓			
			J0CHF - CBM - UPGR Swgr-Sub-C	✓			
			J0P2G - CBM - Sub Upgrade-UG-C	S			
			J0NWS - CBM - Sub Upgrade-Line-C	S			
			J0P33 - CBM - Sub Upgrade-Sub-C	S			
			J0CHM - CBM - Sub-Sub-C	S			
			J0P41 - CBM - Sub Upgrade SUB-C	R			
			J0P37 - CBM - W, Rebuild-Sub-C	✓			
			J0P45 - CBM - Upgrade - Sub - C	S			
			J0RWP - Telecom for Substations	✓			
			J0S14 - CBM - Sub, Modernize-UG-C	S			
			J0S1Q - Bulk Sub Upgrade - Line - C	R			
			J0SHL - CBM - Sub, Modernize-Sub-C	S			
			J0G9Q - CBM - SWGR UPGR W-UG-C	S			
			J0P3X - CBM - Sub Upgrade LINE-C	S			
			J0CHK - CBM - SWGR UPGR W-Sub-C	S			
			J0S1P - CBM - Sub UPGR-Land Acq	R			
			J0G95 - CBM - UPGR Swgr-Site	✓			
			J0NLX - UPGR XFMR 8	✓			
			J0P3V - 1 UPGR	S			
			J0P41 - 1 UPGR	S			
			J0P44 - 2 UPGR	✓			
			J0P4C - 2 UPGR	✓			
			J0P4D - 3 UPGR	✓			
			J0P4F - 1 UPGR	R			
			J0QXJ - CBM - 3 Sub UPGR	✓			
			J0P22 - CBM - Sub UPGR Line-C	R			
			J0P3W - 4 UPGR	S			
			J0P4H - CBM - Sub UPGR Sub-C	S			
			J0P43 - 1 UPGR	S			
			J0P47 - 2 UPGR	R			
			J0P49 - 3 UPGR	S			
			J0JXR - CBM - UPGR Swgr 1	S			
			J0P3L - CBM - Sub Upgr-SUB-C	✓			
			J0NM9 - CBM - Sub UPGR Sub-C	✓			
			J0P40 - CBM - Sub Upgr-SUB-C	S			
			J0TPX - CBM - Sub-UG-C	S			
			J0TX9 - UPGR XFMR W SWGR W-UG-C	✓			
			J0V9R - UPGR Both SWGR-UG-C	✓			
			28660 - Add SCADA-Sub-C	R			
			J0IG9 - UPGR Both SWGR-Sub-C	✓			
			J0K08 - CBM - Sub-Sub-C	S			
			J0S1F - CBM - Swgr UPGR	S			
			J0CHL - CBM - Swgr UPGR-Sub-C	S			
			J0T7D - UPGR XFMR W SWGR W-SUB-C	✓			
			J0V5D - CBM - Sub-Site	S			
			J0VV9 - Add SCADA-Line-C	R			
			J0V3T - HISD RELB UPGR	✓			
			J0V52 - Sub Property Purchase	✓			
			J0WH7 - Add Scada-Line-C	✓			
			J0J50 - Add Scada-Sub-C	✓			
			J0TPW - CBM - Sub-Line-C	S			

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

		\$ - Thousands					
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			J0CPN - CBM - Swgr UPGR-Line-C	S			
			J0CBM - CBM - SWGR W-LINE-C	S			
			J0PS1 - 1 UPGR-Sub-C	S			
			J0JL3 - Sub-Upgr Relays W&D	R			
			J0JV0 - Add Scada UPGR Swgr	S			
			J0SIH - CBM - UPGR Sub-Sub-C	R			
			J0P31 - CBM - UPGR Sub UG-C	R			
			J0P18 - CBM - Sub UPGR LINE-C	R			
			J0P53 - CBM - Sub UPGR-Sub-C	S			
			J0XBX - RPLC XFMR	S			
			J0P32 - CBM - Sub UPGR-UG-C	R			
			J0Z7B - CBM - Sub UPGR SWGR W-UG-C	S			
			J0P2C - CBM - Sub UPGR-Line-C	R			
			J0P4B - CBM - Sub UPGR-Sub-C	R			
			J0P4G - Xfmr W UPGR-Sub-C	S			
			J0XNC - Sub Upgrade-Site	S			
			J0XV3 - CBM - Sub UPGR Swgr W-Sub-C	S			
			J0Z5Q - CBM - Swgr UPGR-Site-C	S			
			J112M - 2 UPGR	S			
			J11WB - Swgr UPGR-UG-C	✓			
			J0SIN - CBM - Sub UPGR-Line-C	S			
			J0K2F - Add Scada-Sub-C	S			
			J0P4W - Swgr UPGR-Sub-C	✓			
			J0X1S - CBM - Sub UPGR-Site-C	S			
			J0J5V - CBM - Sub UPGR-Sub-C	S			
			J11RQ - CBM - Sub Upgrade-Site-C	S			
			J11VS - CBM - Sub Upgrade-Sub-C	S			
			Sub/Switchgear Upgrades Total		81,523	97,073	(15,550)
			Substations - Condition Based Modernization Total		89,398	109,366	(19,968)
	System Hardening	Subtransmission Upgrades	J0JNX - 898075 UPGR	S			
			J0KPN - Subtransmission Upgrades - 2022	R			
			J0NV7 - Recon	✓			
			J0NV9 - -71 Recon PH 2	R			
			J0M43 - -74 Upgrade	✓			
			J0Q8K - -74 PH 2	S			
			J0Q8J - -72 PH 2	✓			
			J0NZV - -72 Recon	✓			
			J0NTW - 165-5g	S			
			J0NRC - -77 Improve Circuit Reliab	✓			
			J0NR9 - -71 Improv Circ Reliab Ph 2	✓			
			J0NRD - -77 Improve Circuit Reliab Ph2	S			
			J0NTF - 71 Improve Circuit Reliab Ph 1	✓			
			J0NT9 - -74 Circuit Improvement	✓			
			J0NQZ - Pole UPGR Phase 2	✓			
			J0NR3 - Phase 2	✓			
			J0NR0 - Pole UPGR Phase 3	S			
			J0NR4 - -91 Phase 3	S			
			J0NR1 - Pole UPGR Phase 4	S			
			J0NR5 - -91 Phase 4	S			
			J0NRG - -71 34kv Rebuild	S			
			J0Q5X - -75 Upgrade PH 2	S			
			J0RLK - 80 Recon	✓			
			J0SSL - -71 Price Rd UPGR	✓			
			J0NR6 - -72, Circ UPGR	S			
			J0NR7 - -77, Circ UPGR	✓			
			J0TV9 - NEAR SUB	✓			
			J0V60 - -74 Improve Reliability-UG-C	✓			
			J0V6W - -74 Improve Reliability-Sub-C	✓			
			J0VTR - 73-76 Insulator Upgrade	S			
			J0V5G - 34kV Reconfig	✓			
			J0VLS - -75 Static Protection	S			
			J0VTP - -76 Circuit Perf Improvement	S			
			J0V59 - -77 80 -74 Recon	S			
			J0VTS - 75/80, Circ UPGR	S			
			J0WHM - -75 UPGR	S			
			J0WHN - -75 UPGR	S			
			J0NQR - -74 Improve Reliability-Line-C	✓			
			J0V58 - -74 Circuit Improvement Ph2	S			
			J0WMG - -73 Relocation	S			
			J0P2F - Recon/UPGR -72	✓			

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands								
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance	
			JONTO - 73 34kV UPGR	✓				
			JONRH - 72 34kV UPGR	S				
			JONTS - 74 34kV UPGR	R				
			J1079 - 71 UPGR	S				
			J1071 - 71 UPGR	S				
			J0XX0 - 264-60 Cust Relocat	✓				
			J1095 - 74	S				
			J0XN9 - 75 UPGR to	S				
			J1010 - 71 Upgrade - XMSN ROW to	S				
			J1080 - 74 SYSTEM HARDENING	S				
			J02Q3 - 71 34kV tap to	S				
			J1085 - 76 34kV UPGRD	S				
			J0222 - 72 Upgr - Line C	S				
		Subtransmission Upgrades Total				44,328	45,912	(1,584)
	System Hardening Total				44,328	45,912	(1,584)	
	UG Cable Upgrades							
		OH to UG	23412 - OTU 543-51	S				
			J0KN3 - OTU 267-52 Ph 2	S				
			23321 - OTU TAP	R				
			23413 - OTU 126-54	R				
			J0K62 - OTU 165-51, 144	✓				
			J0K64 - OTU 165-56 UG	R				
			J0K65 - OTU 165-56, 1 44	R				
			J0R6T - OTU 53 - CERT	✓				
			23316 - OTU 542-53	R				
			23725 - OTU 542-53	R				
			24132 - OTU 648-54	S				
			J0RH4 - OTU 052 CERT	✓				
			J0R20 - OTU 103-1	✓				
			25024 - OTU PH 2	R				
			J0TK3 - OTU 265-54 Subd	✓				
			J0V4Q - OTU 256-59	S				
			J0V53 - OTU 267-60	✓				
			23374 - OTU 141-8, LOOP	S				
			J0K63 - OTU 165-51	✓				
			J0SWV - OTU 167-53, CERTS	S				
			J0WZX - OTU 197052	S				
			J0WZZ - OTU 259-58	S				
			J0X00 - OTU 051 2021 COH	S				
			J0X03 - OTU 729-57	S				
			J0X04 - OTU 52 2021 COH	S				
			J0X05 - OTU 8 Ln	R				
			J0X06 - OTU 139-6 Ph1	S				
			J0X08 - OTU 230-56 UG	S				
			J0XB1 - OTU 34kV	S				
			J0X01 - OTU 54 2021 COH	S				
			J0X02 - OTU 54 2021 COH	S				
			J0S75 - OTU 280-53	✓				
			J0XFF - OTU 103-1	S				
			J0XM4 - OTU 103-1	S				
			J0XQ5 - OTU -34kV	S				
			J0Z98 - OTU 80 34kV	S				
			J109T - OTU 53	S				
			J1222 - OTU 197-57	S				
			J1226 - C-UPGR 547-52 & 53	S				
		OH to UG Total				7,603	17,543	(9,940)
		UG Cable Upgrades						
			0A018 - C-UPGR Program-E46	✓				
			J0KJ9 - C-UPGR 689-52 P2	S				
			J0JRG - C-UPGR 148-10 6936	S				
			J0JQQ - C-UPGR 260-53	✓				
			J0JRC - C-UPGR 167-52	✓				
			J0JNB - C-UPGR 127-55	✓				
			J0JK9 - C-UPGR 890-53	✓				
			J0JKC - C-UPGR 890-52	✓				
			J0K71 - C-UPGR 633-53, 10454	✓				
			J0ICM - C-UPGR 214-53	S				
			J0JKB - C-UPGR 689-51	S				
			J0JM9 - C-UPGR 633-57, 10130	S				
			J0SWD - C-UPGR - PILC	R				
			J0SWG - C-UPGR - PILC	✓				

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

				\$ - Thousands			
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			JOSWL - C-UPGR 317 - PILC	S			
			JOSWQ - C-UPGR 127-56	✓			
			JOSWR - C-UPGR 556-54	S			
			JOSWT - C-UPGR 551-53,54 fdr	✓			
			JOSX0 - C-UPGR 546-51 & 53 FDR	✓			
			JOSX1 - C-UPGR 553-53,55 FDR	✓			
			JOSX3 - C-UPGR 560-51 & 52, FDR	✓			
			JOK70 - C-UPGR 656-55 50037	✓			
			JOSWC - C-UPGR 251 Fdr, PILC (D)	S			
			JOSWF - C-UPGR 015, PILC (D&V)	✓			
			JOJPV - C-UPGR 203-51	S			
			JOJPW - C-UPGR 140-6	✓			
			JOJQK - C-UPGR 229-52	✓			
			JOJRB - C-UPGR 134-52	✓			
			JOJ57 - C-UPGR 543-56	S			
			JOJ58 - C-UPGR 543-51	S			
			JOJ5H - C-UPGR 543-56	S			
			JOR67 - C-UPGR 015 PILC W	✓			
			JOTK6 - C-UPGR 127-51	✓			
			JOTND - C-UPGR 251 Fdr, PILC (W)	✓			
			JOTQD - C-UPGR 593-53&56, PH2	✓			
			JOV8V - C-UPGR 81	✓			
			JOTNF - C-UPGR 255 fdr, PILC PH A	✓			
			JOTQ9 - C-UPGR 560-56, 15344	S			
			JOJ9V - C-UPGR 264-56 51	✓			
			JOW2Q - C-UPGR 484-52, LAT-2070	S			
			JOW2R - C-UPGR 484-52, LAT-2080	S			
			JOW2S - C-UPGR 282055 Lat 8272	S			
			JOW2T - C-UPGR 282055 Lat-4793	S			
			JOW2V - C-UPGR 217051 Lat-16814	R			
			JOW2W - C-UPGR -76 Fdr, PILC	✓			
			JOX0C - C-UPGR 555-54	S			
			JOX0D - C-UPGR 202, PILC	S			
			JOX0F - C-UPGR 556-55	S			
			JOK79 - C-UPGR 699-55, 10584-10597	S			
			JOJ83 - C-UPGR 246-56	S			
			JOJ87 - C-UPGR 178-54	✓			
			JOX60 - C-UPGR 464-52, 70120	✓			
			JOJQT - C-UPGR 259-58	S			
			JOX08 - C-UPGR 252 PILC	S			
			JOK7D - C-UPGR 699-51, 10602-603	S			
			JOSWM - C-UPGR 576-52	✓			
			JOXW9 - C-UPGR 593-53&56 PH3	S			
			JOZ80 - C-UPGR 291-52	S			
			JOZ81 - C-UPGR 556-54	✓			
			JOZ83 - C-UPGR 259-58	S			
			JOZCV - C-UPGR 517-51, lat 3762	✓			
			JOZDG - C-UPGR 282-58	✓			
			JOZDJ - C-UPGR 127-51	✓			
			JOZGZ - C-UPGR 280-56, Lat 16881	S			
			JOZM9 - C-UPGR 276-52	S			
			JOZMB - C-UPGR 384-52 L-9009	S			
			J102C - C-UPGR 295-56	✓			
			J103L - C-UPGR 543-53	✓			
			J1054 - C-UPGR 282-05B	✓			
			J107X - C-UPGR 577-51	S			
			J107Z - C-UPGR 235-53	✓			
			J1080 - C-UPGR 179-53	✓			
			J107N - C-UPGR 73-74	✓			
			J102W - C-UPGR 280-53	✓			
			J1113 - C-UPGR 558-57	S			
			J1115 - C-UPGR 218-51	S			
			JOZD9 - C-UPGR -53 lat 22154	S			
			JOZDH - C-UPGR 587-52 lat 3495	✓			
			JOZF1 - C-UPGR 503-58	✓			
			J11FT - C-UPGR 253-51	✓			
			J1155 - C-UPGR 166-02	S			
			J1156 - C-UPGR 126-51	S			
			JOSWH - C-UPGR 020,PILC W&D2 PHA	S			
			JOJ86 - Cable UPGR	S			

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

				\$ - Thousands			
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			JOSWJ - C-UPGR 026 - PILC W PH A	S			
		UG Cable Upgrades Total			44,607	42,266	2,341
	UG Cable Upgrades Total				52,210	59,809	(7,599)
	UG Revitalization	Indoor Rooms	J0JG4 - Indr Rm	✓			
			J0P4Q - 0A321 InRm	R			
		Indoor Rooms Total			351	247	104
		UG Revitalization					
			0A321 - 0A321-MDI-Underground Renewal	✓			
			J03P8 - 0A321	✓			
			J0CCQ - 0A321 Cond	✓			
			J0CFF - 0A321 Con	✓			
			J0FD5 - 0A321 Con	✓			
			J0FD6 - 0A321 CAB	✓			
			J0GBB - 0A321 Room	S			
			J0GBD - 0A321 Conduit	✓			
			J0GBK - 0A321 Conduit	S			
			J0HMB - 0A321 DeCongest	✓			
			J0HP1 - 0A321 XFMR PTO UPGR	S			
			J0HP3 - 0A321 Vault	S			
			J0JDT - 0A321 Cable Upgr	✓			
			J0LTN - 0A321 -59 TEMP CAB	R			
			J0F9B - 0A321 h Cond	✓			
			J0GBG - 0A321 Ref	R			
			J0HNZ - 0A321 CAB Upgr	✓			
			J0HP2 - 0A321-STL-Ntwk PROT Fiber	S			
			J0JF2 - MH Sys Monitorng & Ventilation UPGR	R			
			J0GBB - 0A321 Conduit	✓			
			J0GBF - 0A321 Ref	S			
			J0GBH - 0A321 Reformation	S			
			J0GBL - 0A321 Reformation	S			
			J0HPO - 0A321 CAB	S			
			J0J5Z - 0A321 8 CAB-Sect Upgr	S			
			J0J61 - 0A321 Conduit	S			
			J0J62 - 0A321 XFMR PTO	R			
			J0J63 - 0A321 XFMR PTO	R			
			J0JDR - 0A321 ReRoute Cab	R			
			J0JDS - 0A321 ReRoute Cab	S			
			J0JFQ - 0A321 ReRoute Cab	S			
			J0JF5 - 0A321 ReRoute Cab	S			
			J0JFT - 0A321 ReRoute Cab	S			
			J0FDB - 0A321 CAB-Sect Upgr	S			
			J0J60 - 0A321 Prim-CAB-Sect	R			
			J0KNL - 0A321 Prim-CAB-Sect	S			
			J0KNZ - 0A321 -DA-Sectionalizing	R			
			J0JFM - 0A321 CON	✓			
			J0NBC - 0A321 -Con	R			
			J0P4P - 0A321 CAB UPGR	S			
			J0P4R - 0A321 -75 PILC Upgr	S			
			J0QQ9 - 0A321 41 UG Loop	S			
			J0RIQ - 0A321 -53 Reroute & PILC	✓			
			J0RLJ - 0A321 PILC & Reroute	✓			
			J0R23 - 0A321 -DA Controls SWO	✓			
			J050W - 0A321 -51,53,54 Diversify	✓			
			J0543 - 0A321 Reroute Cab	✓			
			J0GBW - 0A321 Conduit	✓			
			J0JDX - Fdr Exit Conduit	✓			
			J0JDZ - 0A321-Spot Network Vault Revi	S			
			J0TQ2 - 0A321 Diversify	✓			
			J0TQV - 0A321 Cond	✓			
			J0V45 - 0A321 -57 Reroute & PILC	✓			
			J0VTM - 0A321 -234-55-54 UPGR	✓			
			J0V4J - 0A321 -78 UPGR	✓			
			J0V56 - 0A321 COND	✓			
			J0VTZ - 0A321 -54 Reroute & Cable	S			
			J0WXM - 0A321 UPGR 220-9 116-7 29-11	S			
			J0VV0 - 0A321 -51 Reroute & PILC	S			
			J0VV1 - 0A321 -56 Reroute & PILC	S			
			J0VV2 - 0A321 Diversify	S			
			J0XXZ - 0A321 Con	✓			
			J0XMC - POP Serv	✓			

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

								\$ - Thousands
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance	
			J0XMJ - 0A321 - 160-2-3 RES	S				
			J0XS4 - 0A321 - Diversify	S				
			J0XV0 - Fault - Emerg Bore	✓				
			J0ZF6 - 0A321 - Cond	✓				
			J0ZMK - 0A321 - SWGR UPGR	✓				
			J10RT - 0A321 - 51 Cable Reroute	S				
			J10SD - 0A321 - 58 Cable Reroute	S				
			J112T - 0A321 - 58 Emerg Upgr	✓				
			J1130 - 265 - EM-Rep	S				
			UG Revitalization Total		32,164	29,142	3,022	
			UG Manhole/vault					
			0A669 - UG-MH&VLT Upgr-SWO	✓				
			J0D3L - UG-VLT Upgr	S				
			J0D3N - UG-VLT UPGR	S				
			J0D3X - UG-VLT Upgr	✓				
			J0D45 - UG-MH UPGR	S				
			J0G2M - UG-MH UPGR	✓				
			J0G25 - UG-MH Upgr	S				
			J0G2V - UG-VLT Upgr	S				
			J0G2X - UG-VLT Upgr	✓				
			J0G2Z - UG-VLT Upgr	✓				
			J0G2T - UG-MH UPGR	✓				
			J0G2V - UG-MH UPGR	✓				
			J0H3P - UG-VLT Upgr	✓				
			J0H3Q - UG-VLT Upgr	✓				
			J0H35 - UG-VLT Upgr	S				
			J0H3T - UG-VLT UPGR	✓				
			J0HC1 - UG-VLT Upgr	S				
			J0HG2 - UG-MH UPGR	✓				
			J0J85 - UG-MH Upgr	✓				
			J0JVG - UG-MH UPGR	✓				
			J0M4B - UG-VLT Upgr	✓				
			J0M4H - UG-VLT Upgr	S				
			J0MP3 - UG-VLT Upgr	S				
			J0NKS - UG-MH Upgr	✓				
			J0NKT - UG-MH Upgr	✓				
			J0NKW - UG-MH Upgr	✓				
			J09BN - UG-VLT UPGR	R				
			J0Q57 - UG-MH Upgr	S				
			J0Q58 - UG-MH Upgr	✓				
			J0QJR - UG-VLT Upgr	S				
			J0R95 - UG-MH Upgr	✓				
			J0RGW - UG-MH Upgr	✓				
			J0RGX - UG-MH Upgr	R				
			J0RT6 - UG-MH Upgr	S				
			J0RT7 - UG-MH Upgr	S				
			J0RW8 - UG-MH Upgr	S				
			J0RW9 - UG-MH Upgr	S				
			J0RW8 - UG-MH Upgr	✓				
			J0RZ8 - UG-MH Upgr	S				
			J0S67 - UG-MH Upgr	S				
			J0S66 - UG-MH Upgr	S				
			J0TS7 - UG-MH Upgr	S				
			J0TCM - UG-MH Upgr	S				
			J0TCN - UG-MH Upgr	S				
			J0TCP - UG-MH Upgr	S				
			J0TG9 - UG-MH Upgr	✓				
			J0TGF - UG-MH Upgr	S				
			J0TJG - UG-MH Upgr	S				
			J0TN1 - UG-MH Upgr	S				
			J0TR1 - UG-MH Upgr	S				
			J0TT8 - UG-MH Upgr	✓				
			J0TT8 - UG-MH Upgr	✓				
			J0TTC - UG-MH Upgr	S				
			J0TZP - UG-MH Upgr	✓				
			J0TZQ - UG-MH Upgr	S				
			J0V3V - UG-MH Upgr	S				
			J0V3W - UG-MH Upgr	S				
			J0V3X - UG-MH Upgr	✓				
			J0V3Z - UG-MH Upgr	✓				
			J0V8H - UG-MH Upgr	S				

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands							
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			J0V92 - UG-MH Upgr	S			
			J0V93 - UG-MH Upgr	S			
			J0V94 - UG-MH Upgr	S			
			J0V95 - UG-MH Upgr	S			
			J0VG4 - UG-MH Upgr	✓			
			J0VG7 - UG-MH UPGR	S			
			J0VG8 - UG-MH UPGR	S			
			J0VG9 - UG-MH UPGR	S			
			J0W2V - UG-MH Upgr	S			
			J0W2X - UG-MH Upgr	S			
			J0WWS - UG-MH Upgr	S			
			J0X22 - UG-MH Upgr	S			
			J0X23 - UG-VLT Upgr	✓			
			J0XDX - UG-MH Upgr	✓			
			J0XDZ - UG-MH Upgr	S			
			J0XF0 - UG-MH Upgr	S			
			J0XFW - UG-VLT Upgr	S			
			J0XXG - UG-MH Upgr	S			
			J0XP5 - UG-MH Upgr	S			
			J0XR4 - UG-MH Upgr	S			
			J0Z7F - UG-MH Upgr	S			
			J0Z97 - UG-VLT Upgr	S			
			J1029 - UG-MH Upgr	✓			
			J10NR - UG-MH Upgr	S			
			J10TL - UG-VLT Upgr	S			
			J10ZQ - UG-MH Upgr	S			
			J11RW - UG-MH Upgr	S			
			J11RX - UG-VLT Upgr	S			
			J11RZ - UG-VLT Upgr	S			
		UG Manhole/Vault Total			8,831	9,573	(742)
	UG Revitalization Total				41,346	38,962	2,384
Smart, Reliable Grid Operations Total					448,791	479,720	(30,929)
Smart Meter Program	Smart Meter Program	Smart Meter Program	J0D07 - SMP Elec Meters & Install SWO	✓			
			J0C2X - SMP IT Hardware 2022	R			
			J0D01 - SMP ██████ Ntwk Eqpinst	S			
			J0D03 - SMP ██████ Ntwk Eqpinst	S			
			J0D04 - SMP ██████ Ntwk Eqpinst	S			
			J0D0J - SMP ██████ Ntwk Eqpinst	✓			
			J0DG3 - SMP ██████ Ntwk Eqpinst	S			
			J0DH2 - SMP ██████ MkRdy	✓			
			J0DH3 - SMP ██████ MkRdy	✓			
			J0DH8 - SMP ██████ MkRdy	S			
			J0DGZ - SMP ██████ MkRdy	✓			
			J0D0C - SMP ██████ Ntwk Eqpinst	✓			
			J0D0K - SMP ██████ Ntwk Eqpinst	✓			
			J0DH4 - SMP ██████ MkRdy	S			
			J0D02 - SMP ██████ Ntwk Eqpinst	S			
			J0D0F - SMP ██████ Ntwk Eqpinst	S			
			J0DH5 - SMP ██████ MkRdy	S			
			J0DH9 - SMP ██████ MkRdy	S			
			J0L2M - SMP ██████ MkRdy	S			
		Smart Meter Program Total			74,516	86,153	(11,637)
		Customer Requirements & Communications	J0DWD - SMP Communications	S			
			J0L2V - SMP TOU Web Presentment	✓			
		Customer Requirements & Communications Total			1,499	445	1,054
	Smart Meter Program Total				76,015	86,598	(10,583)
Non-Nuclear Generation & Environmental	Grid Performance	Cyber Security Upgrades/New Technologies	J0JQ1 - ██████ Cybersecurity- Priority 1	✓			
		Cyber Security Upgrades/New Technologies Total			56	19	37
		Exciter Upgrades					
		Exciter Upgrades Total			21		21
	Grid Performance Total				77	19	58
Non-Nuclear Generation & Environmental Total					77	19	58
Nuclear Generation	Grid Performance	Controls Upgrades for Faster Ramp Rates/Lower Minimums	11293 - ██████ Turbine Controls Digital UPGR	✓			
			J0F5W - ██████ Digital Feedwater UPGR	S			
			J0PLL - ██████ XMB01 Exciter XFMR UPGR	✓			
		Controls Upgrades for Faster Ramp Rates/Lower Minimums Total			2,463	711	1,752

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

				\$ - Thousands				
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance	
			J0208 - Reroute	S				
			J02M1 - Tie In	S				
			J02M2 - (345kV) Tie In	S				
			J1094 - 161 kV Reroute (J1268)	S				
			J10QR - 345 kV Re R J1145	S				
			J0XQ5 - J976 Reroute	S				
			J0Z1L - 092 Reroutes	S				
			J0Z1M - Reroute (071)	S				
			J104J - 138 kV RECON	S				
			J104I - 138 kV RECON	S				
			J118Q - 161 kV (J1025-J1182)	S				
Line Reliability Improvements Total						40,010	34,012	5,998
Mobile Transformers				J0H64 - Mobile XFMR 345/138kV-UE	S			
Mobile Transformers Total						803	4,489	(3,686)
Substation Reliability Improvements				J0HZM - 138kV Ring Bus	✓			
				J0HZN - Add 161kV Line & Tie BRKRs	✓			
				J0KW1 - (161 kV) 6-Position Ring Bus	✓			
				J0G9L - Sub Add Line BRKRs	S			
				J0HZJ - 138kV Ring Bus	S			
				J0HZQ - 138kV Ring Bus	S			
				J0HZR - RB Line Work	S			
				J0PBX - (161kV)-Add Bus Tie	✓			
				J0QVM - Install Network Equipment	✓			
				J0Q24 - Sub - Network Equipment	✓			
				J0Q25 - Sub - Network Equipment	✓			
				J0RSB - Tie-in	S			
				J0SQ5 - 138kV Capacitor bank	✓			
				J0PWP - J817 Network UPGR	S			
				J0SXW - Property Purchase	S			
				J0Q77 - 345kV Ring Bus	S			
				J0P3P - 1 UPGR	S			
				J0P35 - 4 UPGR	S			
				J0RPS - XFMR HS Breakers	S			
				J0PWJ - J817 IF Line POS	R			
				J0TMF - Comm Equipment	✓			
				J0TXG - Relay Upgrades	S			
				J0TZV - Ring Bus Comm Equipment	S			
				J0V05 - 69kV Terminal Posn	S			
				J0J7V - Substation Rebuild	S			
				J0VXB -	S			
				J0VX9 - Tie-in to Bugle	S			
				J0VXB - Line	S			
				J0VXD - Line	S			
				J0W1T - 345kV Ring Bus	R			
				J0TM4 - Communication Equipment	S			
				J0WMF - Aging Infrastructure	S			
				J0W1R - CT Retap and Relay UPGR	S			
				J0WLL - 345 Brkr 1 and 4 UPGR	✓			
				J0HZP - Relay Upgrade	S			
				J0HZK - Tie-In	S			
				J0TQK - Comm Equipment	R			
				J0XM6 - Communication Equipment	S			
				J0XQ7 - (J994)-138KV Line Position	S			
				J0XQM - (J1107) KEL-LUTS-1 Reroute	S			
				J0XR8 - (J1087) Ring Bus	S			
				J0XRG - (J1107) Ring Bus (NU)	S			
				J0XRM - (J1107) Ring Bus Comms	S			
				J0XRN - (J1087) Ring Bus Comms	S			
				J0XR5 - (J976) - Ring Bus	S			
				J0XSN - (J1087) - Property Purchase	S			
				J0XSP - (J1107) Property Purchase	S			
				J0XTP - 2nd 345kV XFMR	S			
				J0XTQ - 345kV Bus Upgrade	S			
				J0XTR - 161kV Cap Bank	S			
				J0XXF - Upgrades	S			
				J0Z1N - RB Prop Purchase	S			
				J0Z3D - Ring Bus	S			
				J0Z8C - Property	S			
				J0ZLZ - (161kV) Aging Infrastruc	S			

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

								\$ - Thousands
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance	
			J108N - 161 kv Ring Bus NU J1268	S				
			J10QP - 345 kv (J1145) NU Ring Bus	S				
			J10QW - 161 kv Ring Bus ADD	S				
			J1095 - 161 kv Comm Equip (J1268)	S				
			J0XXL - 161 Station Upgrades	S				
			J0XXN - Upgrades	S				
			J11RR - (Distribution) Comm Equipment	✓				
			J0XJ3 - 34.5kv Feeders	S				
			J0W1V - Station UPGR	S				
			J0XQX - (J1087) 161 kv IF POS	S				
			Substation Reliability Improvements Total		39,063	42,356	(3,293)	
			VAR Compensation					
			J0GXG - Static VAR Sys.	✓				
			J0G9J - Add Shunt Reactor	✓				
			J0P16 - -MO Reactor	R				
			J0X0Z - 138kv Statcom	S				
			J0Z7T - 161 kv Statcom	S				
			J0Z7V - 161 kv Statcom Position	S				
			J0Z7W - 138 kv Statcom Position	S				
			J0Z7X - 138 kv Statcom	S				
			J0Z7Z - Statcom Position	S				
			J0Z8B - 138 kv Statcom	S				
			J0ZG5 - 138kv STATCOM TERM ADD	S				
			J10VZ - 138 kv CAP Bank	S				
			VAR Compensation Total		7,942	4,210	3,732	
			Grid Performance Total		87,818	85,067	2,751	
	Modernization	Breaker Upgrades	J0C5Z - BT1-2 Brkr Upgr	✓				
			J0J83 - BRKR UPGR BTS 1-2 2-3	✓				
			J0C63 - Circuit Breaker UPGR	S				
			J0G9G - BRKR-Bus UPGR BT 1-2 3-4	✓				
			J0J81 - BRKR UPGR BT 3-4	✓				
			J0JH0 - XFMR Relay panels&BRKR	S				
			J0V0P - V12 Line V11 PCB RLY UPGR	S				
			J0V4W - Spare UEC Breaker	✓				
			J0WSX - Relay UPGR (Pos. W)	S				
			Breaker Upgrades Total		13,682	3,603	10,079	
			Physical Security Upgrades					
			J0JH5 - CIP V5 Dardenne Relay UPGR	✓				
			Physical Security Upgrades Total		1,036	625	411	
			Transformer Upgrades					
			J0G8Z - XFMR Upgr and Brkr Addn	✓				
			J0HK5 - XFMR 1 Upgr w/ Brkr	S				
			J0HK6 - XFMR 2 Upgr	R				
			J0J7X - Sub XFMR-BRKR, switch UPGR	S				
			Transformer Upgrades Total		2,126	744	1,382	
			Modernization Total		16,844	4,972	11,872	
	Smart Grid	Intelligrid	J0LMJ - INTG - Clrk -Pilot	✓				
			J0LST - INTG OPGW Pole UPGR	✓				
			J0LT1 - INTG OPGW Pole UPGR	✓				
			J0MB2 - INTG Access High	✓				
			J0B81 - INTG XMSN Lines 1/5 2023-MO	R				
			J0LPX - INTG Access High	✓				
			J0MBW - INTG Access High	✓				
			J0NMF - INTG Access Med	✓				
			J0NMS - INTG Access Med	✓				
			J0MB0 - INTG Access High	✓				
			J0NMD - INTG Access Med	S				
			J0NMN - INTG Access Med	✓				
			J0N5V - INTG Access Med	✓				
			J0N5W - INTG Access Med	✓				
			J0N60 - INTG Access Med	✓				
			J0N62 - INTG Access Med	✓				
			J0N65 - INTG Access Med	✓				
			J0N66 - INTG Access Med	✓				
			J0N6D - INTG Access Med	✓				
			J0N6M - INTG Access Med	✓				
			J0N6P - INTG Access Med	✓				
			J0N6V - INTG Access Med	✓				
			J0N6Z - INTG Access Med	✓				
			J0N71 - INTG Access Med	R				
			J0N75 - INTG Access Med	✓				
			J0N77 - INTG Access Med	✓				

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

						\$ - Thousands	
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			JON78 - INTG Access Med	✓			
			JONMK - INTG Access Med	✓			
			JONMJ - INTG Access Med	S			
			JONMH - INTG Access Med	✓			
			JOR60 - INTG ACCESS MED	S			
			JORVK - INTG Access Med	✓			
			JORVL - INTG Access Med	✓			
			JONML - INTG Access Med	✓			
			JOTWG - INTG RLY	✓			
			JOVMS - INTG Access Med Switching	✓			
			JOXHW - INTG AM UG OPG	✓			
		Intelligrid Total			28,755	33,855	(5,100)
		Monitoring Upgrades	JOR88 - New Tower Lights	S			
			JOR89 - New Tower Lights	S			
			JOR8B - New Tower Lights	S			
			JOR8C - New Tower Lights	S			
			JOR8D - New Tower Lights	R			
			JOR8F - New Tower Lights	S			
			JOR8G - New Tower Lights	S			
			JOR8H - New Tower Lights	S			
			JOR8J - New Tower Lights	S			
			JOR8K - New Tower Lights	S			
			JOR8L - New Tower Lights	S			
			JOR90 - New Tower Lights	S			
			JOWON - Battery Monitoring Sys	S			
			JOWVM - Battery Mon Sys	✓			
			JOX9G - V3 MV90 Meter	✓			
			JOX9T - MV90	✓			
			JOXB3 - MV90 (V6)	✓			
			JOXB5 - MV90	✓			
			JOXB7 - MV90	✓			
			JOZNV - 138 kv MV90 Addition	✓			
		Monitoring Upgrades Total			1,358	1,663	(305)
		Relay Upgrades	JOGXF - Swyd Upgr Controls	✓			
			JJUGZ - Relay Upgrs	S			
			JJF56 - (138kV) - Relay UPGR	✓			
			JJKGR - 138kV_Rly UPGR	S			
			JJIH9 - Relay Upgrs	✓			
			JJIHD - Relay Upgrs	S			
			JJIHN - Relay UPGR	R			
			JJLFN - Relay Upgrade	✓			
			JJLFP - Sub Relay UPGR	✓			
			JJLFR - Relay UPGR	✓			
			JJLIV - MSRP -138kV Relay UPGR	✓			
			JJLIW - MSRP Relay UPGR	✓			
			JJ6FP - add relay requirements	R			
			JJLFM - Relay UPGR	✓			
			JJQWW - Relay Upgrade	✓			
			JJUGV - UPGR Relays-BT BRKR	✓			
			JJUGX - Relay UPGR	S			
			JJNB4 - Relay UPGR	R			
			JJNB5 - Relay UPGR	R			
			JJNB8 - Relay UPGR	S			
			JJTDQ - Bus 1 Upgrades	S			
			JJTDQ - Bus 4 Upgrades	S			
			JJTDR - Bus 3 Upgrades	S			
			JJIB5 - UPGR Relay and SW	S			
			JJL67 - Relay Upgrades	✓			
			JJL69 - Relay Upgrade	S			
			JJJHM - Relay UPGR	S			
			JJTXR - (161kV) Breaker Relay UPGR	S			
			JJVO9 - 31H Line & BRKR Relay UPGR	S			
			JJVFG - 345kV Relay UPGR	R			
			JJVFH - 345kV Relay UPGR	R			
			JJVKC - Relays UPGR	S			
			JJWB1 - Relay Upgrade	S			
			JJWP3 - Relay UPGR (H5)	✓			
			JJWP4 - Relay UPGR (V7)	R			
			JJWP5 - Relay UPGR (H5)	✓			

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

\$ - Thousands							
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			J0W15 - H2 & H3 Relay UPGR	S			
			J0W82 - Relay Upgrades	✓			
			J0X71 - Relay UPGR (H2)	✓			
			J0X97 - Relay UPGR	S			
			J0NB2 - Remote End Work for	S			
			J0NB3 - Remote End Work	S			
			J0NB6 - Remote End Work for	S			
			J0NB7 - Remote End Work for	S			
			J0R6H - Relay REPL	S			
			J0XPB - Relay Addition to end	✓			
			J0XQ0 - (J1087) Relay Upgds	S			
			J0XQ2 - Relay Upgrade (J1087)	S			
			J0XR6 - (J1107) Relay Upgrade	S			
			J0XR7 - (J1107) Relay Upg.	S			
			J0ZFH - Relay Upgrades	S			
			J0ZFI - Relay Upgrades	S			
			J0TLL - 345 kV RLY UPGR	S			
			J0R6J - Relay UPGR	S			
			J0Z5X - Relay UPGR	S			
		Relay Upgrades Total			9,367	5,885	3,482
	Smart Grid Total				39,480	41,403	(1,923)
Secure & Reliable Transmission Total					144,142	131,442	12,700
Cyber & Technology Upgrades	Business & Corp Services	Enterprise System Upgrades	J0R55 - UPGR Analog Security Cameras-UEC	✓			
			J0W19 - UPGR Security Cameras - UEC	✓			
			J0Z0W - Upgrade Security Cameras - 2022 UEC	✓			
			J0ZBG - UPGR Analog Sec Cam Trans-UEC-M	✓			
		Enterprise System Upgrades Total			693		693
	Business & Corp Services Total				693		693
	Customer Support	Intelligrid	J0MCB - INTG Access High NWG 4 - Dist UEC	✓			
			J0MC6 - INTG Access High NWG 4 Trans UEC	✓			
			J0RF6 - INTG - Cisco Modem Infrastruct UEC	✓			
			J0SL7 - INTG AM UEC NG1	✓			
			J0SM3 - INTG AM UEC NG1 D	✓			
			J0SL3 - INTG AM UEC NG2 GP	✓			
			J0SL4 - INTG AM UEC NG3	✓			
			J0SL8 - INTG AM UEC NG2	✓			
			J0SLK - ADSS INTG AM UEC NG3	S			
			J0SLN - ADSS INTG AM UEC D NG 2	✓			
			J0SM2 - INTG AM UEC NG2 T	✓			
			J0SM5 - INTG AM UEC NG2 D	✓			
			J0SM7 - INTG AM UEC NG3 D	✓			
			J0SL5 - INTG AM UEC NG4	S			
			J0SLB - INTG AM UEC NG4	S			
			J0SLC - INTG AM UEC MO Dist Sites	R			
			J0SLM - ADSS INTG AM UEC NG4	S			
			J0SM8 - INTG AM UEC NG4 D	R			
			J0SLQ - INTG AM UEC NG4 & MW	S			
			J0XB2 - Network Tools Enhancements UEC Hard	✓			
		Intelligrid Total			8,201	12,178	(3,977)
		Work & Asset Mgmt System Upgrades	J0642 - GIS Electric UPGR - UEC	✓			
			J0K6T - ADMS Annual Upgrades - UEC	✓			
			J0DX2 - ASPIRE P3 E&G UEC	✓			
			J0VB2 - ADMS Hardware - UEC	✓			
			J0HTJ - ADMS UPGR 2022-2023 - UEC	S			
			J0VNP - DFE CE - Electric Operations 2022 U	✓			
			J0VNW - DFE CE - Sub, Relay, Trans 2022 UEC	✓			
			J0VPG - DFE CE - GIS Electric 2022 UEC	✓			
			J1142 - DFE P3 Click SW UEC	✓			
			J0ZVV - ADMS SM/LA/DR - 2023 - UEC	S			
			J1002 - eADMS Tech Refresh 2023 UEC	S			
			J103C - ADMS Switching UEC	S			
			J0SG7 - DERMS 2022 UEC	R			
			J113W - DFE P2 Click SW UEC	✓			
		Work & Asset Mgmt System Upgrades Total			13,524	13,952	(428)
	Customer Support Total				21,725	26,130	(4,405)
	Cyber Security	Cyber Security Upgrades/New Technologies	J0SJ3 - Centralized OT Cybersec - UEC 22	R			
			J0PR3 - Non CDAs Software UEC	✓			
			J0XCR - Firemon Expansion - UEC	S			
			J0S45 - Enhanced Vulnerability PI 2021 UEC	✓			

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Grid Modernization Projects

							\$ - Thousands
Category 1	Category 2	Category 3	2022 Project Detail	Project Status	2022 Actual	2022 Plan	Variance
			J0XQ0 - Firemon Expansion-2022 UEC Hdw	S			
			J0TKR - Transient Cyber Asset Mgmt- Hwd DCR	✓			
			J0Z8T - Transient Cyber Asset Mgmt- Fossil-	✓			
			J0Z8W - Transient Cyber Asset Mgmt- GOB-UEC	✓			
			J0Z8Z - Transient Cyber Asset Mgmt- Hdw Hyd	✓			
			J0Z90 - Transient Cyber Asset Mgmt- Hdw Rel	✓			
			J115T - Centralized OT Cybersec - UEC 22	✓			
			J1207 - ██████████ Non CDAs Hdw UEC-GOB 2022	✓			
			Cyber Security Upgrades/New Technologies Total		2,135	762	1,373
			Cyber Security Total		2,135	762	1,373
	Run The Business	Network & Server Upgrades	J0526 - 6 GHZ Microwave Int Rem UEC	R			
			J052H - Commun Tower UPGR - UEC 2021	✓			
			J05F5 - Comm Tower Upgr - UEC 2022	✓			
			J0263 - 22 DA Cellular SmartGrid Resil UEC	S			
			Network & Server Upgrades Total		1,683	1,941	(258)
			Run The Business Total		1,683	1,941	(258)
			Cyber & Technology Upgrades Total		26,236	28,833	(2,597)
Innovative Opportunities	Electrification Infrastructure	Electrification Infrastructure	J0N1B - EV Chargers - Multifamily	R			
			J0N17 - EV Chargers - MO Workplace	R			
			J0SM6 - Power Quality	✓			
			J0N1F - Electric Equipment	✓			
			J0N1G - EV Transportation - On Road	✓			
			J0N1C - Electric School Bus	R			
			J05TB - Electrification Projects	R			
			J0Z14 - 2022 EV Chargers - Workplace	✓			
			Electrification Infrastructure Total		324	4,979	(4,655)
			Electrification Infrastructure Total		324	4,979	(4,655)
	Grid Innovative Technologies	Grid Innovative Technologies	J0KVF - Energy Analysis Tool	S			
			J0QQ5 - UEC DERMS Pilot - Dorsett	R			
			J0QR0 - UEC Wireless Coms Project	R			
			J0QQW - Fleet Charging Infrastructure	S			
			J0RF0 - Radiation Dose Imaging- ██████████	✓			
			J0V0N - UEC Tertiary Control Deployment- So	S			
			J0W7Z - UEC Hydrogen Project ██████████	S			
			J0RJ4 - Test/Training ██████████ Turbine	S			
			J0Z19 - Fleet Battery Storage	S			
			J119C - UEC Hydrogen Powered Drones	S			
			J11PP - Radiation Protection Visualization	S			
			J1202 - Solar Facility- ██████████	S			
			Grid Innovative Technologies Total		3,416	2,266	1,150
			Grid Innovative Technologies Total		3,416	2,266	1,150
			Innovative Opportunities Total		3,740	7,245	(3,505)
			Grid Modernization Projects Total		706,780	740,588	(33,808)

NOTE: Only 2022 projects are listed.

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Ongoing Operations

\$ - Thousands

Category 1	Category 2	Category 3	2022 Actual	2022 Plan	Variance	
Smart, Reliable Grid Operations	Distribution Operations	Customer Requested	11,267	10,438	829	
		Emergency Work	18,555	17,969	586	
		Fleet	17,756	24,191	(6,435)	
		General Plant	3,525	2,081	1,444	
		Government Relocations	7,871	11,122	(3,251)	
		Emergent Business	61,810	54,090	7,720	
		Transformers & Tools	48,920	26,928	21,992	
		Worst Performing Circuits	498	1,719	(1,221)	
		Reliability & NESC	27,145	16,892	10,253	
		Office Furniture & Fixtures	325	671	(346)	
		Storms Rebuild	18,068	4,874	13,194	
		Circuit Inspection Resulting Work	40,135	29,838	10,297	
		UG Inspections Resulting Work	1,713	2,255	(542)	
		Device Inspection Resulting Work	335	665	(330)	
		Street Light Inspection Resulting Work	35	91	(56)	
	Distribution Operations Total			257,958	203,824	54,134
	Grid Resiliency/Operating Flexibility	Line Capacity Increases	7,236	10,780	(3,544)	
		Substation Capacity Increases	32	9,600	(9,568)	
		Subtransmission Switch Upgrades	12,215	3,589	8,626	
	Grid Resiliency/Operating Flexibility Total			19,483	23,969	(4,486)
Substations - Condition Based Modernization	Sub/Switchgear Upgrades		98	(98)		
	Substation Spill Control	2,979	3,816	(837)		
Substations - Condition Based Modernization Total			2,979	3,914	(935)	
System Hardening	Brittle Conductor Upgrades	1,483	249	1,234		
	Inaccessible Circuit Relocations	1,820	1,543	277		
System Hardening Total			3,303	1,792	1,511	
Smart, Reliable Grid Operations Total			283,723	233,499	50,224	
Non-Nuclear Generation & Environmental	Modernization	Component/Material Upgrades	7,409	7,614	(205)	
		Controls/Communication Upgrades	2,226	1,610	616	
		Physical Security Upgrades	54		54	
	Modernization Total			9,689	9,224	465
	Regulatory & Facilities	Facility Upgrades	12,743	14,714	(1,971)	
		Regulatory Required	36,909	47,081	(10,172)	
	Regulatory & Facilities Total			49,652	61,795	(12,143)
Reliability	Component Replacements	69,196	74,622	(5,426)		
	Reliability Total	69,196	74,622	(5,426)		
Non-Nuclear Generation & Environmental Total			128,537	145,641	(17,104)	
Nuclear Generation	Modernization	Component/Material Upgrades	36,144	36,562	(418)	
		Physical Security Upgrades	600	3,860	(3,260)	
	Modernization Total			36,744	40,422	(3,678)
	Regulatory & Facilities	Facility Upgrades	5,800	1,277	4,523	
		Regulatory Required	16,636	14,162	2,474	
	Regulatory & Facilities Total			22,436	15,439	6,997
Reliability	Component Replacements	42,589	44,706	(2,117)		
	Reliability Total	42,589	44,706	(2,117)		
Nuclear Generation Total			101,769	100,567	1,202	

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Ongoing Operations

\$ - Thousands

Category 1	Category 2	Category 3	2022 Actual	2022 Plan	Variance
Hydro Generation	Modernization	Component/Material Upgrades	3,631	3,925	(294)
		Controls/Communication Upgrades	8,260	12,658	(4,398)
	Modernization Total		11,891	16,583	(4,692)
	Regulatory & Facilities	Facility Upgrades	3,624	7,872	(4,248)
		Regulatory Required	163	889	(726)
	Regulatory & Facilities Total		3,787	8,761	(4,974)
	Reliability	Component Replacements	4,055	9,390	(5,335)
Reliability Total		4,055	9,390	(5,335)	
Hydro Generation Total			19,733	34,734	(15,001)
Renewable & Gas Turbine Generation	Grid Performance	Exciter Upgrades	413		413
		Renewables	11,939	16,004	(4,065)
	Grid Performance Total		12,352	16,004	(3,652)
	Modernization	Component/Material Upgrades	2,502	1,085	1,417
		Controls/Communication Upgrades	6,507	7,110	(603)
		Physical Security Upgrades	3	382	(379)
	Modernization Total		9,012	8,577	435
	Regulatory & Facilities	Facility Upgrades	5,324	2,798	2,526
		Regulatory Required	467		467
	Regulatory & Facilities Total		5,791	2,798	2,993
Reliability	Component Replacements	9,889	6,625	3,264	
Reliability Total		9,889	6,625	3,264	
Renewable & Gas Turbine Generation Total			37,044	34,004	3,040
Secure & Reliable Transmission	Grid Performance	Line Reliability Improvements	29,377	27,481	1,896
		Grid Performance Total		29,377	27,481
	Modernization	Physical Security Upgrades	1,544	786	758
	Modernization Total		1,544	786	758
	Reliability	Condition Based Replacements	62,790	73,304	(10,514)
		Storms Rebuild	110		110
	Reliability Total		62,900	73,304	(10,404)
	Vehicles, Tools & Other	Vehicles, Tools & Other	5,650	6,252	(602)
Vehicles, Tools & Other Total		5,650	6,252	(602)	
Secure & Reliable Transmission Total			99,471	107,823	(8,352)
Cyber & Technology Upgrades	Business & Corp Services	Department System Upgrades	5,056	4,565	491
		Enterprise System Upgrades	28,064	29,984	(1,920)
	Business & Corp Services Total		33,120	34,549	(1,429)
	Customer Support	Customer System Enhancements	22,988	36,180	(13,192)
		Intelligrid	6,235	416	5,819
		Work & Asset Mgmt System Upgrades	3,203	8,856	(5,653)
	Customer Support Total		32,426	45,452	(13,026)
	Cyber Security	Cyber Security Upgrades/New Technologies	6,071	9,360	(3,289)
	Cyber Security Total		6,071	9,360	(3,289)
	Foundational Enablers	Analytics & Process Automation	12,909	11,977	932
New Data Centers & Facility Technologies		2,311	1,257	1,054	
New User Technologies		1,815	1,002	813	
Foundational Enablers Total		17,035	14,236	2,799	
Run The Business	Network & Server Upgrades	19,865	20,241	(376)	

Ameren Missouri 2022 Customer-Focused Capital Investment Summary - Ongoing Operations

			\$ - Thousands		
Category 1	Category 2	Category 3	2022 Actual	2022 Plan	Variance
		User Technology Upgrades	4,131	2,367	1,764
	Run The Business Total		23,996	22,608	1,388
Cyber & Technology Upgrades Total			112,648	126,205	(13,557)
Operational & Customer Support Facilities	Facilities	Facilities	79,384	88,643	(9,259)
	Facilities Total		79,384	88,643	(9,259)
Operational & Customer Support Facilities Total			79,384	88,643	(9,259)
Innovative Opportunities	Electrification Infrastructure	Electrification Infrastructure	865		865
	Electrification Infrastructure Total		865		865
	Other	Other	1,463	1,510	(47)
	Other Total		1,463	1,510	(47)
Innovative Opportunities Total			2,328	1,510	818
Ongoing Operations Total			864,637	872,626	(7,989)
Grand Total - Grid Modernization Projects + Ongoing Operations			1,571,417	1,613,214	(41,797)